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**Digital cellular telecommunications system (Phase 2);
Mobile Station (MS) conformance specification;
Part 3: Layer 3 (L3) Abstract Test Suite (ATS)
(GSM 11.10-3)**

ETSI

European Telecommunications Standards Institute

ETSI Secretariat

Postal address: F-06921 Sophia Antipolis CEDEX - FRANCE

Office address: 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE

X.400: c=fr, a=atlas, p=etsi, s=secretariat - **Internet:** secretariat@etsi.fr

Tel.: +33 4 92 94 42 00 - Fax: +33 4 93 65 47 16

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Foreword

This draft European Telecommunication Standard (ETS) has been produced by the Special Mobile Group (SMG) Technical Committee of the European Telecommunications Standards Institute (ETSI) and is now submitted for the Unified Approval Procedure (UAP) phase of the ETSI standards approval procedure.

This ETS describes the technical characteristics and methods of test for Mobile Stations (MSs), operating in the 900 MHz and 1 800 MHz frequency band (GSM 900 and DCS 1 800) within the digital cellular telecommunications system.

This ETS corresponds to GSM technical specification GSM 11.10-3 version 4.15.0.

This part of the ETS (Part 3), contains Tree and Tabular Combined Notation (TTCN) for Layer 3 conformity specifications for which mobile stations, within the digital cellular telecommunications system (Phase 2), are tested for compliance.

The graphical form ATS

The TTCN.GR representation of this ATS is contained in a PDF file (L3-4170.PDF¹⁾) which accompanies this ETS and in annex A of this ETS.

The machine processable ATS

The electronic forms of the machine processable files (TTCN MP format) corresponding to the ATS for Layer 3 are contained in the self-extracting archive file oev06073.exe (Layer 3) on the diskette included as a part of this ETS (Part 3).

ETS 300 607 consists of three parts, which have the following ETS numbers and titles:

ETS 300 607-1 Digital cellular telecommunications system (Phase 2);
Mobile Station (MS) conformance specification;
Part 1: Conformance specification

Reference: GSM 11.10-1.

ETS 300 607-2 Digital cellular telecommunications system (Phase 2);
Mobile Station (MS) conformance specification;
Part 2: Protocol Implementation Conformance Statement (ICS)
proforma specification

Reference: GSM 11.10-2.

**ETS 300 607-3 Digital cellular telecommunications system (Phase 1);
Mobile Station (MS) conformance specification;
Part 3: Layer 3 (L3) Abstract Test Suite (ATS)**

Reference: GSM 11.10-3.

Reference is made within this draft ETS to GSM-TSs (note).

NOTE: TC-SMG has produced documents which give the technical specifications for the implementation of the European digital cellular telecommunications system. Historically, these documents have been identified as GSM Technical Specifications (GSM-TSs). These TSs may have subsequently become I-ETSs (Phase 1), or ETSSs (Phase 2), whilst others may become ETSI Technical Reports (ETRs). GSM-TSs are, for editorial reasons, still referred to in current GSM ETSSs.

¹⁾ This file is located in an archive file named 6073_EU.LZH. Other file formats are available on request.

| Proposed transposition dates | |
|---|---------------------------------|
| Date of latest announcement of this ETS (doa): | 3 months after ETSI publication |
| Date of latest publication of new National Standard or endorsement of this ETS (dop/e): | 6 months after doa |
| Date of withdrawal of any conflicting National Standard (dow): | 6 months after doa |

1 Scope

This European Telecommunications Standard specifies the Abstract Test Suite (ATS) and partial IXIT proforma for the Network Layer (Layer 3) at the mobile radio interface of the GSM or DCS (Phase 2) mobile stations (MS) conforming to the ETSS for the Radio Resource management, the Mobility Management, the circuit-switched Call Control, the Supplementary Services and Short Message Services for the digital cellular telecommunications systems (Phase 2).

The ISO standards for the methodology of conformance testing are used as the basis for the test specifications.

2 Normative references

This ETS incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

- [1] ISO/IEC 9646-1: "Information Technology-OSI- Conformance Testing Methodology and Framework, Part 1: General Concepts".
- [2] ISO/IEC 9646-2: "Information Technology-OSI- Conformance Testing Methodology and Framework, Part 2: Abstract Test Suite Specification".
- [3] ISO/IEC 9646-3: "Information Technology-OSI- Conformance Testing Methodology and Framework, Part 3: The Tree and Tabular Combined Notation".
- [4] ISO/IEC 9646-5: "Information Technology-OSI- Conformance Testing Methodology and Framework, Part 5: Requirements on test laboratories and clients for the conformance assessment process".
- [5] ISO/IEC 8824: "Information Technology-OSI- Specification of Abstract Syntax Notation One (ASN.1) ".
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- [7] ITU-T Recommendation Q.773: "Specifications of Signalling System No.7; Transaction capabilities formats and encoding".
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- [9] ETS 300 406 (January 1995): "Methods for Testing and Specification (MTS); Protocol and profile conformance testing specifications: Standardization methodology".
- [10] ETS 300 501 (GSM 02.02): "Digital cellular telecommunication system (Phase 2); Bearer Services (BS) supported by a GSM Public Land Mobile Network (PLMN)".
- [11] ETS 300 502 (GSM 02.03): "Digital cellular telecommunication system (Phase 2); Teleservices supported by a GSM Public Land Mobile Network (PLMN)".
- [12] ETS 300 504 (GSM 02.06): "Digital cellular telecommunication system (Phase 2); Types of Mobile Stations (MS)".
- [13] ETS 300 505 (GSM 02.07): "Digital cellular telecommunication system (Phase 2); Mobile Station (MS) features".

- [14] ETS 300 511 (GSM 02.30): "Digital cellular telecommunication system (Phase 2); Man-Machine Interface (MMI) of the Mobile Station (MS)".
- [15] ETS 300 523 (GSM 03.03): "Digital cellular telecommunication system (Phase 2); Numbering, addressing and identification".
- [16] ETS 300 527 (GSM 03.09): "Digital cellular telecommunication system (Phase 2); Handover procedures".
- [17] ETS 300 528 (GSM 03.10): "Digital cellular telecommunication system (Phase 2); GSM Public Land Mobile Network (PLMN) connection types".
- [18] ETS 300 529 (GSM 03.11): "Digital cellular telecommunication system (Phase 2); Technical realization of supplementary services".
- [19] ETS 300 530 (GSM 03.12): "Digital cellular telecommunication system (Phase 2); Location registration procedures".
- [20] ETS 300 532 (GSM 03.14): "Digital cellular telecommunication system (Phase 2); Support of Dual Tone Multi-Frequency signalling (DTMF) via the GSM system".
- [21] ETS 300 535 (GSM 03.22): "Digital cellular telecommunication system (Phase 2); Functions related to Mobile Station (MS) in idle mode".
- [22] ETS 300 536 (GSM 03.40): "Digital cellular telecommunication system (Phase 2); Technical realization of the Short Message Service (SMS) Point to Point (PP)".
- [23] ETS 300 537 (GSM 03.41): "Digital cellular telecommunication system (Phase 2); Technical realization of Short Message Service Cell Broadcast (SMSCB)".
- [24] ETS 300 550 (GSM 04.01): "Digital cellular telecommunication system (Phase 2); Mobile Station - Base Station System (MS - BSS) interface General aspects and principles".
- [25] ETS 300 552 (GSM 04.03): "Digital cellular telecommunication system (Phase 2); Mobile Station - Base Station System (MS - BSS) interface Channel structures and access capabilities".
- [26] ETS 300 553 (GSM 04.04): "Digital cellular telecommunication system (Phase 2); layer 1 General requirements".
- [27] ETS 300 554 (GSM 04.05): "Digital cellular telecommunication system (Phase 2); Data Link (DL) layer General aspects".
- [28] ETS 300 555 (GSM 04.06): "Digital cellular telecommunication system (Phase 2); Mobile Station - Base Station System (MS - BSS) interface Data Link (DL) layer specification".
- [29] ETS 300 556 (GSM 04.07): "Digital cellular telecommunication system (Phase 2); Mobile radio interface signalling layer 3 General aspects".
- [30] ETS 300 557 (GSM 04.08): "Digital cellular telecommunication system (Phase 2); Mobile radio interface layer 3 specification".
- [31] ETS 300 558 (GSM 04.10): "Digital cellular telecommunication system (Phase 2); Mobile radio interface layer 3 Supplementary services specification General aspects".

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- [34] ETS 300 564 (GSM 04.80): "Digital cellular telecommunication system (Phase 2); Mobile radio interface layer 3 supplementary services specification Formats and coding".
- [35] ETS 300 565 (GSM 04.81): "Digital cellular telecommunication system (Phase 2); Line identification supplementary services - Stage 3".
- [36] ETS 300 566 (GSM 04.82): "Digital cellular telecommunication system (Phase 2); Call Forwarding (CF) supplementary services - Stage 3".
- [37] ETS 300 567 (GSM 04.83): "Digital cellular telecommunication system (Phase 2); Call Waiting (CW) and Call Hold (HOLD) supplementary services - Stage 3".
- [38] ETS 300 568 (GSM 04.84): "Digital cellular telecommunication system (Phase 2); MultiParty (MPTY) supplementary services - Stage 3".
- [39] ETS 300 569 (GSM 04.85): "Digital cellular telecommunication system (Phase 2); Closed User Group (CUG) supplementary services - Stage 3".
- [40] ETS 300 570 (GSM 04.86): "Digital cellular telecommunication system (Phase 2); Advice of Charge (AoC) supplementary services - Stage 3".
- [41] ETS 300 571 (GSM 04.88): "Digital cellular telecommunication system (Phase 2); Call Barring (CB) supplementary services - Stage 3".
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- [43] ETS 300 573 (GSM 05.01): "Digital cellular telecommunication system (Phase 2); Physical layer on the radio path General description".
- [44] ETS 300 574 (GSM 05.02): "Digital cellular telecommunication system (Phase 2); Multiplexing and multiple access on the radio path".
- [45] ETS 300 575 (GSM 05.03): "Digital cellular telecommunication system (Phase 2); Channel coding".
- [46] ETS 300 576 (GSM 05.04): "Digital cellular telecommunication system (Phase 2); Modulation".
- [47] ETS 300 577 (GSM 05.05): "Digital cellular telecommunication system (Phase 2); Radio transmission and reception".
- [48] ETS 300 578 (GSM 05.08): "Digital cellular telecommunication system (Phase 2); Radio subsystem link control".
- [49] ETS 300 579 (GSM 05.10): "Digital cellular telecommunication system (Phase 2); Radio subsystem synchronization".
- [50] ETS 300 582 (GSM 07.01): "Digital cellular telecommunication system (Phase 2); General on Terminal Adaption Functions (TAF) for Mobile Stations (MS)".

- [51] ETS 300 590 (GSM 08.08): "Digital cellular telecommunication system (Phase 2); Mobile Switching Centre - Base Station System (MSC - BSS) interface Layer 3 specification".
- [52] ETS 300 596 (GSM 08.58): "Digital cellular telecommunication system (Phase 2); Base Station Controller - Base Transceiver Station (BSC - BTS) interface Layer 3 specification".
- [53] ETS 300 599 (GSM 09.02): "Digital cellular telecommunication system (Phase 2); Mobile Application Part (MAP) specification".
- [54] ETS 300 607-1 (GSM 11.10-1): "Digital cellular telecommunication system (Phase 2); Mobile Station (MS) conformity specification".
- [55] ETS 300 607-2 (GSM 11.10-2): "Digital cellular telecommunication system (Phase 2); Mobile Station (MS) Conformance specification, Protocol Implementation Conformance Statement (ICS) Proforma".

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purpose of this ETS the following definitions apply:

Abstract Test Suite (ATS): refer to ISO/IEC 9646-1 [1].

Implementation Under Test (IUT): refer to ISO/IEC 9646-1 [1].

partial Protocol Implementation eXtra Information for Testing (IXIT): refer to ISO/IEC 9646-1 [1].

Point of Controls and Observations (PCO): refer to ISO/IEC 9646-1 [1].

Protocol Implementation Conformance Statement (ICS): refer to ISO/IEC 9646-1 [1].

System Under Test (SUT): refer to ISO/IEC 9646-1 [1].

3.2 Abbreviations

For the purpose of this ETS the following abbreviations apply:

| | |
|-------|--|
| ATS | Abstract Test Suite |
| BI | Invalid Behaviour tests |
| BO | Inopportune Behaviour tests |
| BV | Valid Behaviour tests |
| CA | CApability tests |
| EDP-N | Event Detection Point - Notification |
| EDP-R | Event Detection Point - Request |
| ETS | European Telecommunication Standard |
| FE | Functional Entity |
| FSM | Finite State Machine |
| ICS | Implementation Conformance Statement |
| IUT | Implementation Under Test |
| IXIT | Implementation eXtra Information for Testing |
| PDU | Protocol Data Unit |
| SUT | System Under Test |
| TP | Test Purpose |
| TSS | Test Suite Structure |

Further abbreviations used within GSM related ETS may be found in ETR 100.

Abbreviations for test case group names may be found in figure 1 and 2.

4 Test Suite Structure (TSS)

4.1 Test suite naming convention

The test group identifier for each group and subgroup is built according to the scheme in figure 1.

| | |
|-----------------|--|
| Identifier: | L3<c><s><g0><g1><g2><nn> |
| <c> = category: | BIT BIT, Basic Interconnection tests (not used) CA CA, Capability tests (not used) BV BV, Valid Behaviour tests BI-BO BI and BO, Invalid and Inopportune Behaviour tests |
| <g0> = group: | IN Initial tests ID Idle mode tests RR Radio Resource management MM Mobility Management CC Call Control SP Structured Procedures SS Supplementary services LLF Lower Layer Failures UUE Unknown, Unforeseen or erroneous Elements |
| <g1> = group: | CR Channel Request AT IMSI detach and IMSI attach SMT Sequenced MM / CC message transfer EC Establishment Cause IA Immediate assignment PG Test of paging MR Test of measurement report ASS Test of the channel HO Test of handover FR Test of frequency redefinition CMM Test of the channel mode modify procedure CY Test of ciphering mode setting CM Test of classmark CHR Test of channel release START Test of starting time IDAU Identification and authentication LU Location updating CON MM connection CCSMO State Machine Verification, Mobile Originating Call CCSMT State Machine Verification, Mobile Terminating Call SMICF State machine verification, In Call Functions CRE Call Re-establishment UUS User to user signalling UPD Unknown protocol discriminator TIS TI and skip indicator UMT Undefined or unexpected message type UIE Unforeseen information elements in the non-imperative NMIE Non-semantic mandatory IE errors CNR Unknown IE, comprehension not required SB Spare bits |

| | | |
|---------------|------|---|
| <g2> = group: | AC | Handover / successful / active call |
| | CUE | Handover / successful / call under establishment |
| | FSY | Handover / successful / active call / finely synchronized |
| | PRS | Pre-synchronized handovers |
| | PRF | Protocol failures |
| | ACC | Location updating / accepted |
| | REJ | Location updating / rejected |
| | ABN | Location updating / abnormal cases |
| | REL | Location updating / release |
| | PER | Location updating / periodic |
| | HPER | Location updating / periodic HPLMN search |
| | IWAT | Location updating / interworking of attach and periodic |
| | EST | MM connection / establishment |
| | EXP | MM connection / expiry |
| | NWAB | MM connection / abortion by the network |
| | FRQP | MM connection / follow-on request pending |
| | U0 | Mobile Originating Call U0 State |
| | U0.1 | Mobile Originating Call U0.1 MM Connection pending |
| | U1 | Mobile Originating Call U1 State |
| | U3 | Mobile Originating Call U3 State |
| | U4 | Mobile Originating Call U4 State |
| | U10 | Mobile Originating Call U10 State |
| | U11 | Mobile Originating Call U11 State |
| | U12 | Mobile Originating Call U12 State |
| | U19 | Mobile Originating Call U19 State |
| | U0 | Mobile Terminating Call U0 State |
| | U6 | Mobile Terminating Call U6 State |
| | U9 | Mobile Terminating Call U9 State |
| | U7 | Mobile Terminating Call U7 State |
| | U8 | Mobile Terminating Call U8 State |
| | DTMF | State machine verification, In Call Functions / transfer |
| | CHC | State machine verification, In Call Functions / |
| | TICM | State machine verification, In Call Functions / in- |
| | OICM | State machine verification, In Call Functions / in- |

Figure 1: Test group identifier naming convention scheme.

4.2 Suite Overview

Figure 2 shows the structure of the test suites for L3.

| L3 ATS | | | | | | | | | |
|--------|----|----|----|----|----|----|-----|------|-----|
| BV | | | | | | | | BI/O | |
| IN | ID | RR | MM | CC | SP | SS | SMS | LLF | UUE |

Figure 2: Test suite structure of the L3 tests

4.3 Test groups

4.3.1 Valid Behaviour tests (BV)

Predefined state transitions are considered as valid. The test purposes in the valid behaviour test subgroup cover the verification of the normal and exceptional procedures of the various Finite State Machines (FSMs), i.e. a valid behaviour test is a test where the message sequence and the message contents are considered as valid.

4.3.2 Invalid Behaviour/Inopportune Behaviour tests (BI-BO)

This test sub group verifies that the Implementation Under Test (IUT) is able to react properly having received an invalid Protocol Data Unit (PDU) or in the case an inopportune protocol event occurs. An invalid PDU is defined as a syntactically incorrect message. An inopportune event is syntactically correct

but occurs when it is not expected, e.g. a correctly coded operation is received in a wrong state (the IUT may respond Error UnexpectedComponentSequence).

4.4 Test Step Structure

4.4.1 Preambles

The preamble is defined for each test purpose.

4.4.2 Postambles

After each test case the IUT shall be brought to the state as defined in the postamble for each test purpose.

5 Test Purposes (TP)

For each conformance requirement a Test Purpose (TP) is defined. The test purposes are specified in the ATS Dynamic part (annex A).

5.1 TP and test case naming convention

In order clearly to map the conformance requirements specified in the prETS 300 607-1 and TTCN test cases in the ATS, the subclause (section) numbers in the prETS 300 607-1 are used as test case names.

The identifier of each TP is identical to the name of the implemented TTCN test case.

“Test Purpose Identifier” = “Test Case Name” = TPI = TC_NN_A_B_C_D_E, where NN, A, B, C, D and E are digits used in the corresponding subclause numbers of prETS 300 607-1. For example, the test case name TC_26_5_6_2 is the TTCN specification corresponding to the conformance requirements in the subclause (section) 26.5.6.1.2 in the prETS 300 607-1. In case where the subclause has been implemented in more than one test case sub numbering has been introduced. For example, the section 26.7.4.2.4 of prETS 300 607-1, Location updating/rejected/national roaming testing is split into 5 test cases. The corresponding TCs are identified as TC_26_7_4_2_4_1, TC_26_7_4_2_4_2, TC_26_7_4_2_4_3, TC_26_7_4_2_4_4 and TC_26_7_4_2_4_5, respectively.

6 Abstract test method and test configurations

The distributed test method applies to the L3 MS testing. The test method uses a lower tester and a man-machine interface as an upper tester at the SUT.

6.1 Test system model

The model of the L3 test system is based on the original protocol architecture at the air interface. The test system consists conceptually of a lower tester LT, the L3 test programme (executable test suite), a L2 radio link emulator, a management functional unit, the L1 service provider and a TRx set (see fig. 1).

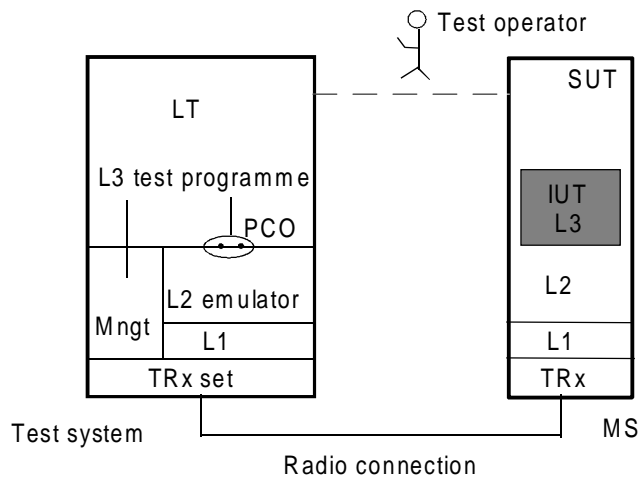


Figure 3: Test system and distributed test method

The LT provides the test environment and for test execution and the means of control and observation at the L3 lower service boundary within the test system.

The L3 TTCN test specification uses the three LT interfaces to communicate with the MS, the system under test, and with the other parts of the test system:

- Interface to the L2 emulator via the PCO,
- Interface to the management functional unit via TTCN test suite operations,
- Interface to the MS man-machine interface (MMI) via a test operator.

6.2 Test Method

The PCO in the LT is defined as L2 SAP (SAP 0 + 3). The PCO has two FIFO queues (data buffers) to store all sending and receiving test events. The L2 primitives in the ATS which constitute mainly the interface to the L2 emulator are specified via the L2 primitives. In order to simulate multicell testing as required in some test cases, the defined primitives are able to address individual cells of the test system and the logic channels of each cell for the L3 message exchanges. The L2 emulator together with the underlying L1 and the TRx set support all message exchanges via correct radio links.

The management function unit has three management functions:

- L2 and L1 management,
- Channel management,
- TRx management.

The interface to the management function unit is presented in the ATS via a set of test suite operations. The major functions of the test suite management operations are:

- To load configuration parameters necessary for the test system,
- To control and get the necessary values of radio resources/ channels for tests.

The SUT (MS) has a more or less standardized MMI, such as keys, digital display, tones, etc. The ATS uses such kind of functions to provoke some procedures or to observe simple results at the SUT side. A human operator is needed during the test. The test system shall have an interface to the human operator to enable the test co-ordination.

Annex A: Abstract Test Suite

Suite overview

Suite structure

| Test Suite Structure | |
|------------------------|--------------------------------------|
| Suite Name: | GSM_L3_MS_v4170 |
| Standards Ref: | ETS 300 557 |
| PICS Ref: | |
| PIXIT Ref: | |
| Test Method(s): | Distributed Single Layer Test Method |
| Comments: | Version 4.17.0 |

| Structure and Objectives | | | |
|----------------------------------|---------------|---|---------|
| Test Group Reference | Selection Ref | Test Group Objective | Page Nr |
| GSM_L3_MS_v4170/General/ | SelExpr_0000 | To verify the supported and non-supported services. | 1147 |
| GSM_L3_MS_v4170/InitialTest/ | SelExpr_0100 | To verify random access procedure, IMSI attach and detach procedure, sequenced MM/CC message transfer and establishment causes. | 1176 |
| GSM_L3_MS_v4170/IdleMode/ | SelExpr_0200 | To verify MS functions in idle mode | 1198 |
| GSM_L3_MS_v4170/BiBo/ | SelExpr_0300 | To verify the MS handling unknown, unforeseen and erroneous protocol data, and parallel transactions | 1201 |
| GSM_L3_MS_v4170/RR/ | SelExpr_0400 | To verify the elementary procedures for radio resource management | 1235 |
| GSM_L3_MS_v4170/MM/ | SelExpr_0500 | To verify the elementary procedures of mobility management. | 1390 |
| GSM_L3_MS_v4170/CC/ | SelExpr_0600 | To verify the circuit switched call control functions. | 1447 |
| GSM_L3_MS_v4170/StructureProc/ | SelExpr_0700 | To verify the structured procedures. | 1514 |
| GSM_L3_MS_v4170/EGSMSSignalling/ | SelExpr_1000 | To verify the different procedures which may be impacted when some channel uses E- GSM frequencies. | 1537 |
| GSM_L3_MS_v4170/SS/ | SelExpr_0800 | To verify the functions of supplementary services. | 1559 |
| GSM_L3_MS_v4170/SM/ | SelExpr_0900 | To verify the functions of short message service. | 1652 |
| Detailed Comments: | | | |

Test case index

| Test Case Index | | | | |
|-----------------------------|---------------|---------------|---|---------|
| Test Group Reference | Test Case Id | Selection ref | Description | Page Nr |
| GSM_L3_MS_v4170/General/ | TC_11_1_1 | SelExpr_0002 | Verification of support and non-support of services (MT). | 1147 |
| GSM_L3_MS_v4170/General/ | TC_11_1_2 | SelExpr_0007 | Verification of support and non-support of services (MO). | 1162 |
| GSM_L3_MS_v4170/General/ | TC_11_2 | SelExpr_0002 | Verification of support of the single numbering scheme. | 1169 |
| GSM_L3_MS_v4170/General/ | TC_11_3 | SelExpr_0003 | Verification of non-support of services. (Advice of Charge Charging, AOCC) | 1170 |
| GSM_L3_MS_v4170/General/ | TC_11_4 | SelExpr_0004 | Verification of non-support of services. (Call Hold) | 1173 |
| GSM_L3_MS_v4170/General/ | TC_11_5 | SelExpr_0005 | Verification of non-support of services. (MultiParty) | 1174 |
| GSM_L3_MS_v4170/General/ | TC_11_6 | SelExpr_0006 | Verification of non-support of feature. (Fixed dialling number) | 1175 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_1_1 | SelExpr_0101 | Initial Layer 3 tests - Channel request / initial time. | 1176 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_1_2 | SelExpr_0101 | 11.10 Ref. ver.4.10; CR Initial Layer 3 tests - Channel request / repetition time. | 1178 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_1_3 | SelExpr_0101 | 11.10 Ref. ver.4.10; CR: C46 Initial Layer 3 tests - Channel request / random reference. | 1180 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_2 | SelExpr_0101 | 11.10 Ref. ver.4.10; CR IMSI detach and IMSI attach. | 1181 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_3 | SelExpr_0101 | 11.10 Ref. ver 4.10.0; CR. 0295-6r1. CR.C62r1. | 1183 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_3 | SelExpr_0101 | Sequenced MM / CM message transfer. | 1183 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_4_1 | SelExpr_0102 | Establishment Cause /pr1 (TCH) | 1185 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_4_2 | SelExpr_0103 | Establishment Cause /pr2 (/H) | 1186 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_4_3 | SelExpr_0107 | Establishment Cause /pr3 (TCH/FS) | 1187 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_4_4 | SelExpr_0104 | Establishment Cause /pr4 (data) | 1189 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_4_5 | SelExpr_0101 | Establishment Cause /pr5 | 1191 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_4_6 | SelExpr_0101 | Establishment Cause /pr6 | 1193 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_4_7 | SelExpr_0105 | Establishment Cause /pr7 (non-call-SS) | 1196 |
| GSM_L3_MS_v4170/nitialTest/ | TC_26_2_4_8 | SelExpr_0106 | Establishment Cause /pr8 (SMS/PP MO) | 1197 |
| GSM_L3_MS_v4170/dleMode/ | TC_26_3_2 | SelExpr_0201 | MS indication of available PLMNs | 1198 |
| GSM_L3_MS_v4170/dleMode/ | TC_26_3_3 | SelExpr_0201 | MS will send only if BSS is "on air". | 1199 |
| GSM_L3_MS_v4170/dleMode/ | TC_26_3_4 | SelExpr_0201 | Manual mode of PLMN selection | 1200 |
| GSM_L3_MS_v4170/BiBo/ | TC_26_5_1 | SelExpr_0302 | 11.10 Ref. ver. 4.10.0; CR. 11.10-661. C64 Handling of unknown protocol discriminator | 1201 |
| GSM_L3_MS_v4170/BiBo/ | TC_26_5_2_1_1 | SelExpr_0302 | Handling of unknown TI and skip indicator / RR | 1202 |
| GSM_L3_MS_v4170/BiBo/ | TC_26_5_2_1_2 | SelExpr_0302 | TI Skip indicator / RR / RR Connection established | 1203 |
| GSM_L3_MS_v4170/BiBo/ | TC_26_5_2_2 | SelExpr_0302 | 11.10 Ref.ver.4.10.0;CR C52r1 TI and skip indicator / MM | 1205 |
| GSM_L3_MS_v4170/BiBo/ | TC_26_5_2_3 | SelExpr_0301 | TI and skip indicator / CC | 1207 |
| GSM_L3_MS_v4170/BiBo/ | TC_26_5_3_1 | SelExpr_0301 | Undefined or unexpected Message type / undefined message type / CC | 1209 |
| GSM_L3_MS_v4170/BiBo/ | TC_26_5_3_2 | SelExpr_0301 | Undefined or unexpected message type / | 1210 |

| | | | | |
|------------------------------------|-----------------|--------------|---|------|
| BiBo/ GSM_L3_MS_v4170/ BiBo/ | TC_26_5_3_3 | SelExpr_0302 | undefined message type / MM Undefined or unexpected message type / undefined message type / RR | 1211 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_3_4 | SelExpr_0301 | Undefined or unexpected message type / unexpected message type / CC | 1212 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_4_1 | SelExpr_0302 | Unforeseen info elements in non-imperative message part / duplicated info elements | 1213 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_5_1_1_1 | SelExpr_0302 | Non-semantic mandatory IE errors / RR / missing mandatory IE error / special case | 1214 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_5_1_1_2 | SelExpr_0302 | Non-semantic mandatory IE errors / RR / missing mandatory IE error / general case | 1214 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_5_1_2 | SelExpr_0302 | Non-semantic mandatory ie errors / RR / comprehension required | 1215 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_5_2_1 | SelExpr_0301 | 11.10 Ref. ver. 4.10.0; CR. Non-semantic mandatory IE errors / MM / syntactically incorrect mandatory IE | 1216 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_5_2_2 | SelExpr_0302 | 11.10 Ref. ver. 4.10.0; CR. 11.10-688 Non-semantic mandatory IE errors / MM / syntactically incorrect mandatory IE | 1217 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_5_2_3 | SelExpr_0302 | 11.10 Ref. ver. 4.10.0; CR. 11.10-688 Non-semantic mandatory IE errors / MM / syntactically incorrect mandatory IE | 1218 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_5_3_1_1 | SelExpr_0301 | 11.10 Ref. ver. 4.10.0; CR. 11.10-688 Non-semantic mandatory IE errors / CC / missing mandatory IE / disconnect message | 1219 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_5_3_1_2 | SelExpr_0301 | Non-semantic mandatory IE errors / CC / missing mandatory IE / general case | 1220 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_5_3_2 | SelExpr_0301 | Non-semantic mandatory IE errors / CC / comprehension required | 1221 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_6_1_1 | SelExpr_0302 | Unknown IE, comprehension not required / MM / IE unknown in the protocol | 1222 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_6_1_2 | SelExpr_0302 | Unknown IE, comprehension not required / MM / IE unknown in the message | 1223 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_6_2_1 | SelExpr_0301 | Unknown info elements in the non-imperative message part / CC / Call establishment | 1224 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_6_2_2 | SelExpr_0301 | Unknown information elements in the non- imperative message part / CC / disconnect | 1225 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_6_2_3 | SelExpr_0301 | Unknown information elements in the non- imperative message part / CC / release | 1226 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_6_2_4 | SelExpr_0301 | Unknown info elements in the non-imperative message part / CC / release complete | 1227 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_6_3 | SelExpr_0302 | Unknown IE in the non-imperative message part, comprehension not required / RR / unknown in the protocol | 1228 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_7_1_1 | SelExpr_0302 | 11.10 Ref. ver. 4.10.0; CR.11.10-663. C61 Spare bits / RR / paging channel | 1229 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_7_1_2 | SelExpr_0302 | Spare bits / RR / BCCH | 1230 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_7_1_3 | SelExpr_0302 | pare bits / RR / AGCH | 1231 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_7_1_4 | SelExpr_0302 | Spare bits / RR / connected mode 11.10 Ref. ver.4.10.0; CR C49r1 | 1232 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_7_2 | SelExpr_0302 | Spare bits / MM | 1233 |
| GSM_L3_MS_v4170/ BiBo/ | TC_26_5_7_3 | SelExpr_0301 | Spare bits / CC | 1234 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_1_1 | SelExpr_0401 | Immediate Assignment / SDCCH or TCH assignment | 1235 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_1_2 | SelExpr_0401 | Immediate Assignment / extended assignment | 1237 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_1_3 | SelExpr_0401 | 11.10 Ref. ver. 4.10.0; CR. 11.10-690. Immediate Assignment / assignment rejection | 1240 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_1_4 | SelExpr_0401 | Immediate Assignment / ignore assignment | 1242 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_1_5 | SelExpr_0401 | Immediate Assignment after immediate assignment reject | 1244 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_2_1_1 | SelExpr_0401 | Paging / normal / type 1 | 1245 |

| | | | | |
|---------------------|----------------|--------------|---|------|
| GSM_L3_MS_v4170/RR/ | TC_26_6_2_1_2 | SelExpr_0401 | Paging / normal / type 2 | 1248 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_2_1_3 | SelExpr_0401 | Paging / normal / type 3 | 1251 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_2_2 | SelExpr_0401 | Paging / extended | 1254 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_2_3_1 | SelExpr_0401 | Paging / re-organization / procedure 1 11.10 Ref. ver. 4.10.0; CR. 11.10-691 | 1258 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_2_3_2 | SelExpr_0401 | Paging / re-organization / procedure 2 | 1262 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_2_4 | SelExpr_0401 | Paging / same as before | 1264 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_2_5 | SelExpr_0401 | Multislot CCCH handling | 1266 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_3_1 | SelExpr_0402 | Measurement / no neighbour | 1268 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_3_2 | SelExpr_0402 | Measurement / all neighbours present | 1270 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_3_3 | SelExpr_0402 | Measurement / barred cells and non-permitted NCCs | 1272 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_3_4 | SelExpr_0402 | Measurement / DTX | 1274 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_3_5 | SelExpr_0402 | Measurement / frequency formats | 1277 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_4_1 | SelExpr_0401 | Dedicated assignment / Successful case | 1280 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_4_2_1 | SelExpr_0402 | Dedicated assignment / failure / failure during active state | 1285 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_4_2_2 | SelExpr_0401 | Dedicated assignment / failure / general case | 1287 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_1_1 | SelExpr_0402 | non synchronized HO from TCH/F_nonFH in cellA to TCH/F_nonFH in cellB. | 1289 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_1_2 | SelExpr_0402 | non synchronized HO from TCH/F_nonFH in cellB to TCH/F_FH in cell A. | 1290 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_1_3 | SelExpr_0402 | non synchronized HO from TCH/F_FH in cellA to TCH/F_nonFH in cellB. | 1292 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_1_4 | SelExpr_0408 | non synchronized HO from TCH/F_NonFH in cellB to TCH/H_FH in cellA. | 1293 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_1_5 | SelExpr_0408 | non synchronized HO from TCH/H_FH in cellA to TCH/H_FH in cellB. | 1295 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_1_6 | SelExpr_0408 | non synchronized HO from TCH/H_FH in cellB to TCH/H_nonFH in cellA. | 1296 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_1_7 | SelExpr_0408 | non synchronized HO from TCH/F_NonFH in cellA to TCH/H_FH in cellB. | 1297 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_1_8 | SelExpr_0408 | non synchronized HO from TCH/H_FH in cell B to TCH/F_NonFH in cellA. | 1298 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_2_1 | SelExpr_0402 | Retransmit L3-msg during non synchr. HO from SDCCH/4_nonFH to TCH/F_FH. | 1299 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_2_2 | SelExpr_0408 | Retransmit L3-msg during non synchr. HO from SDCCH/4_nonFH to TCH/H_FH. | 1301 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_2_3 | SelExpr_0402 | Retransmit L3-msg during non synchr. HO from SDCCH/4_nonFH to SDCCH/8_FH. | 1303 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_2_4 | SelExpr_0402 | Retransmit L3-msg during non synchr. HO from SDCCH/8_nonFH in cell A to SDCCH/8_FH in cellB. | 1305 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_2_5 | SelExpr_0408 | Retransmit L3-msg during non synchr. HO from TCH/F_NonFH in cell A to TCH/H_NonFH in cellB. | 1307 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_2_6 | SelExpr_0408 | Retransmit L3-msg during non synchr. HO from TCH/H_FH in cell A to TCH/F_FH in cellB. | 1309 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_2_7 | SelExpr_0402 | Retransmit L3-msg during non synchr. HO from TCH/F_FH in cell A to TCH/F_FH in cellB. | 1311 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_2_8 | SelExpr_0402 | Retransmit L3-msg during non synchr. HO from TCH/SDCCH8_FH in cell A to TCH/F_NonFH in cellB. | 1313 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_2_9 | SelExpr_0402 | Retransmit L3-msg during non synchr. HO from SDCCH8_NoFH in cell A to TCH/F_FH in cellB. | 1315 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_2_10 | SelExpr_0408 | Retransmit L3-msg during non synchr. HO | 1317 |

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| RR/ | | | from TCH/SDCCH8_NoFH in cell A to TCH/H_FH in cellB. | |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_3_1 | SelExpr_0402 | synchronized HO from TCH/F_FH in cellA to TCH/F_nonFH in cellB. | 1319 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_3_2 | SelExpr_0408 | synchronized HO from TCH/H_FH in cellA to TCH/H_nonFH in cellB. | 1320 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_4_1 | SelExpr_0402 | Handover/ successful/ call under establishment/ finely synchronized (HO: SDCCH8/FH -> SDCCH/8_FH) | 1321 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_4_2 | SelExpr_0402 | Handover/ successful/ call under establishment/ finely synchronized (HO: SDCCH8/FH -> SDCCH/4_noFH) | 1323 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_4_3 | SelExpr_0402 | Handover/ successful/ call under establishment/ finely synchronized (HO: TCH/F_NoFH -> TCH/F_FH) | 1325 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_4_4 | SelExpr_0402 | Handover/ successful/ call under establishment/ finely synchronized (HO: SDCCH8_NoFH -> TCH/F_NoFH) | 1327 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_5_1 | SelExpr_0402 | Handover / successful / active call / pre-synchronized / Timing Advance IE not included | 1329 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_5_2 | SelExpr_0402 | Handover / successful / call being estab. / pre-synch. /Tim. Advance IE is included / reporting of obsrvd. time diff requested | 1331 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_6 | SelExpr_0409 | Handover / successful / active call / pseudo - synchronized | 1333 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_7 | SelExpr_0402 | Handover / successful / active call / non-synchronized / reporting of obsrvd. Time diff requested | 1335 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_8 | SelExpr_0402 | Handover / L3-failure 11.10 Ref. ver.4.10.0; CR 11.10-720 | 1337 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_5_9 | SelExpr_0402 | Handover / L1-failure 11.10 Ref. ver.4.10.0; CR 11.10-720 | 1339 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_6_1 | SelExpr_0401 | Frequency redefinition | 1341 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_7_1 | SelExpr_0403 | Channel mode modify / full rate 11.10 Ref. ver. 4.10.0; CR.0295-17r1; 11.10-780 | 1344 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_7_2 | SelExpr_0404 | Channel mode modify / half rate 11.10 Ref ver. 4.10.0;CR.0295-17r1; 11.10-780 | 1347 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_8_1 | SelExpr_0405 | Ciphering mode / start ciphering | 1350 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_8_2 | SelExpr_0402 | Ciphering mode / no ciphering | 1351 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_8_3 | SelExpr_0405 | Ciphering mode / old cipher key | 1352 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_8_4 | SelExpr_0401 | Ciphering mode / Change of mode, algorithm and key | 1353 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_8_5 | SelExpr_0401 | Ciphering mode / IMEI request 11.10 REF. VER.4.10.0; CR. C92 | 1358 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_11_1 | SelExpr_0406 | Test of Classmark change | 1359 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_11_2 | SelExpr_0401 | Test of Classmark Interrogation | 1361 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_12_1 | SelExpr_0401 | Channel release / SDCCH | 1362 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_12_2 | SelExpr_0401 | Channel release / SDCCH - no L2 ACK | 1364 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_12_3 | SelExpr_0403 | Channel release / TCH-F | 1366 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_12_4 | SelExpr_0403 | Channel release / TCH-F - no L2 ACK | 1368 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_13_1 | SelExpr_0401 | Dedicated assignment with starting time / successful case / time not elapsed | 1370 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_13_2 | SelExpr_0401 | Dedicated assignment with starting time / successful case / time elapsed | 1372 |
| GSM_L3_MS_v4170/RR/ | TC_26_6_13_3 | SelExpr_0401 | Dedicated assignment with starting time and frequency redefinition/ failure case / time not elapsed | 1374 |

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| GSM_L3_MS_v4170/ RR/ | TC_26_6_13_4 | SelExpr_0401 | Dedicated assignment with starting time and frequency redefinition/ failure case / time elapsed | 1376 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_13_5 | SelExpr_0401 | Handover with starting time / successful case / time not elapsed | 1378 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_13_6 | SelExpr_0401 | Handover with starting time / successful case / time elapsed | 1380 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_13_7 | SelExpr_0401 | Handover with starting time and frequency redefinition / failure case / time not elapsed | 1382 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_13_8 | SelExpr_0401 | Handover with starting time and frequency redefinition / failure case / time elapsed | 1384 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_13_9 | SelExpr_0401 | Immediate assignment with starting time / successful case / time not elapsed | 1386 |
| GSM_L3_MS_v4170/ RR/ | TC_26_6_13_10 | SelExpr_0401 | Immediate assignment with starting time / successful case / time elapsed | 1388 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_1 | SelExpr_0501 | TMSI reallocation. | 1390 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_2_1 | SelExpr_0501 | Authentication accepted. | 1391 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_2_2 | SelExpr_0501 | Authentication Reject | 1392 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_3_1 | SelExpr_0501 | General identification with IMSI and TMSI in non ciphered mode and IMEI in ciphered mode. | 1393 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_3_2 | SelExpr_0501 | Handling of IMSI shorter than the maximum length. | 1394 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_1 | SelExpr_0501 | Location Updating Accepted | 1397 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_2_1 | SelExpr_0501 | Location Update Reject with the cause "IMSI unknown in HLR", "illegal MS" or "Illegal ME". | 1399 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_2_2_1 | SelExpr_0501 | Location Update Rejected with the cause "PLM not allowed" - test 1. | 1401 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_2_2_2 | SelExpr_0501 | Location Update Rejected with the cause "PLM not allowed" - test 2. | 1403 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_2_3 | SelExpr_0501 | Location Update Rejected with the cause "Location area not allowed". | 1404 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_2_4_1 | SelExpr_0501 | Location Updating / rejected / roaming / procedure1 | 1405 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_2_4_2 | SelExpr_0501 | Location Updating / rejected / roaming / procedure2 | 1406 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_2_4_3 | SelExpr_0501 | Location Updating / rejected / roaming / procedure3 | 1407 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_2_4_4 | SelExpr_0501 | Location Updating / rejected / roaming / procedure4 | 1408 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_2_4_5 | SelExpr_0502 | Location Updating / rejected / roaming / procedure5 | 1409 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_3_1 | SelExpr_0501 | Location Updating / abnormal cases / random access fails | 1410 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_3_2 | SelExpr_0501 | Location updating / abnormal cases / attempt counter less or equal to 4, LAI different | 1412 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_3_3 | SelExpr_0501 | Location Updating/Abnormal cases/Attempt Counter Equal to 4 | 1416 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_3_4 | SelExpr_0501 | Location updating/Abnormal cases/Attempt Counter Equal to 4, stored LAI equal to broadcast LAI | 1420 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_4 | SelExpr_0502 | To verify that the MS aborts the RR-connection at the expiry of timer T3240. | 1425 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_5_1 | SelExpr_0501 | Periodic Updating Procedure/ Change of T3212 value. | 1426 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_5_2 | SelExpr_0501 | Periodic Updating Procedure/ Reset of T3212 after receiving of the first L3 message. | 1427 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_5_3 | SelExpr_0501 | Periodic Updating Procedure/ Reset of T3212 after generic LUP or IMSI attach procedure | 1429 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_5_4_1 | SelExpr_0501 | Location updating/ periodic HPLMN search/ MS waits time T. | 1430 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_5_4_2 | SelExpr_0501 | Location updating/ periodic HPLMN search/ MS in manual mode. | 1431 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_5_4_3 | SelExpr_0501 | Location updating/ periodic HPLMN search/ MS waits at least two minutes | 1432 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_4_6 | SelExpr_0501 | Location updating/ interworking of attach and periodic. | 1434 |

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| GSM_L3_MS_v4170/ MM/ | TC_26_7_5_2 | SelExpr_0501 | MM connection/ establishment with cipher. | 1436 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_5_3 | SelExpr_0501 | MM connection/ establishment without cipher. | 1437 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_5_4 | SelExpr_0501 | MM connection/ establishment rejected. | 1438 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_5_5 | SelExpr_0501 | MM connection/ establishment rejected cause 4. | 1439 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_5_6 | SelExpr_0501 | MM connection/ expiry T3230 | 1440 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_5_7_1 | SelExpr_0501 | MM connection/ abortion by the network/ cause #6 | 1441 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_5_7_2 | SelExpr_0504 | MM connection/ abortion by the network/ cause not equal #6 | 1443 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_5_8_1 | SelExpr_0501 | MM connection / follow-on request pending / test1 | 1444 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_5_8_2 | SelExpr_0501 | MM connection / follow-on request pending / test2 | 1445 |
| GSM_L3_MS_v4170/ MM/ | TC_26_7_5_8_3 | SelExpr_0501 | MM connection / follow-on request pending / test3 | 1446 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_1_1 | SelExpr_0601 | Outgoing call / U10 null state. 11.10 Ref. ver. 4.10.0; CR. | 1447 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_2_1 | SelExpr_0601 | Outgoing call / U0.1 MM connection pending / CM service rejected 11.10 Ref. ver. 4.10.0; CR. | 1448 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_2_2 | SelExpr_0601 | Outgoing call / U0.1 MM connection pending / CM service accepted 11.10 Ref. ver. 4.10.0; CR. | 1448 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_2_3 | SelExpr_0601 | Outgoing call / U0.1 MM connection pending / lower layer failure 11.10 Ref. ver. 4.10.0; CR. | 1449 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_3_1 | SelExpr_0601 | Outgoing call / U1 call initiated / receiving CALL PROCEEDING 11.10 Ref. ver. 4.10.0; CR. | 1449 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_3_2 | SelExpr_0601 | Outgoing call / U1 call initiated / rejecting with RELEASE COMPLETE 11.10 Ref. ver. 4.10.0; CR. | 1450 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_3_3 | SelExpr_0601 | Outgoing call / U1 call initiated / T303 expiry 11.10 Ref. ver. 4.10.0; CR. | 1450 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_3_4 | SelExpr_0601 | Outgoing call / U1 call initiated / lower layer failure 11.10 Ref. ver. 4.10.0; CR. | 1451 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_3_5 | SelExpr_0601 | Outgoing call / U1 call initiated / receiving ALERTING 11.10 Ref. ver. 4.10.0; CR. | 1451 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_3_6 | SelExpr_0601 | Outgoing call / U1 call initiated / entering state U10 11.10 Ref. ver. 4.10.0; CR. | 1452 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_3_7 | SelExpr_0601 | Outgoing call / U1 call initiated / unknown message received 11.10 Ref. ver. 4.10.0; CR. | 1452 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_1 | SelExpr_0601 | Outgoing call / U3 MS originating call proceeding / ALERTING received 11.10 Ref. ver. 4.10.0; CR. | 1453 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_2 | SelExpr_0601 | Outgoing call / U3 MS originating call proceeding / CONNECT received 11.10 Ref. ver. 4.10.0; CR. | 1453 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_3 | SelExpr_0601 | Outgoing call / U3 MS origintg. call proceeding / PROGRESS received without in band information. 11.10 Ref. ver. 4.10.0; CR. | 1454 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_4 | SelExpr_0601 | Outgoing call / U3 MS originating call proceeding / PROGRESS with in band information 11.10 Ref. ver. 4.10.0; CR. | 1455 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_5 | SelExpr_0601 | Outgoing call / U3 MS originating call proceeding / DISCONNECT with in band tones 11.10 Ref. ver. 4.10.0; CR. | 1456 |

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| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_6 | SelExpr_0601 | Outgoing call / U3 MS originating call proceeding / DISCONNECT without in band tones 11.10 Ref. ver. 4.10.0; CR. | 1457 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_7 | SelExpr_0601 | Outgoing call / U3 MS originating call proceeding / RELEASE received 11.10 Ref. ver. 4.10.0; CR. | 1457 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_8 | SelExpr_0601 | Outgoing call / U3 MS originating call proceeding / termination requested by the user 11.10 Ref. ver. 4.10.0; CR. | 1458 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_9 | SelExpr_0601 | Outgoing call / U3 MS originating call proceeding / traffic channel allocation 11.10 Ref. ver. 4.10.0; CR. | 1458 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_10 | SelExpr_0601 | Outgoing call / U3 MS originating call proceeding / timer T310 timeout 11.10 Ref. ver. 4.10.0; CR. | 1459 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_11 | SelExpr_0601 | Outgoing call / U3 MS originating call proceeding / lower layer failure 11.10 Ref. ver. 4.10.0; CR. | 1460 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_12 | SelExpr_0601 | Outgoing call / U3 MS originating call proceeding / unknown message received 11.10 Ref. ver. 4.10.0; CR. | 1460 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_4_13 | SelExpr_0604 | Outgoing call / U3 MS originating call proceeding / Internal alerting indication 11.10 Ref. ver. 4.10.0; CR. | 1461 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_5_1 | SelExpr_0601 | Outgoing call / U4 call delivered / CONNECT received 11.10 Ref. ver. 4.10.0; CR. | 1462 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_5_2 | SelExpr_0601 | Outgoing call / U4 call delivered / termination requested by the user 11.10 Ref. ver. 4.10.0; CR. | 1463 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_5_3 | SelExpr_0601 | Outgoing call / U4 call delivered / DISCONNECT with in band tones 11.10 Ref. ver. 4.10.0; CR. | 1463 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_5_4 | SelExpr_0601 | .4; Outgoing call / U4 call delivered / DISCONNECT without in band tones 11.10 Ref. ver. 4.10.0; CR. | 1464 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_5_5 | SelExpr_0601 | Outgoing call / U4 call delivered / RELEASE received 11.10 Ref. ver. 4.10.0; CR. | 1464 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_5_6 | SelExpr_0601 | Outgoing call / U4 call delivered / lower layer failure 11.10 Ref. ver. 4.10.0; CR. | 1465 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_5_7 | SelExpr_0601 | Outgoing call / U4 call delivered / traffic channel allocation 11.10 Ref. ver. 4.10.0; CR. | 1465 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_5_8 | SelExpr_0601 | Outgoing call / U4 call delivered / unknown message received 11.10 Ref. ver. 4.10.0; CR. | 1466 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_6_1 | SelExpr_0601 | U10 call active / termination requested by the user 11.10 Ref. ver. 4.10.0; CR. | 1466 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_6_2 | SelExpr_0601 | U10 call active / RELEASE received 11.10 Ref. ver. 4.10.0; CR. | 1467 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_6_3 | SelExpr_0601 | U10 call active / DISCONNECT with in band tones 11.10 Ref. ver. 4.10.0; CR. | 1468 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_6_4 | SelExpr_0601 | U10 call active / DISCONNECT without in band tones 11.10 Ref. ver. 4.10.0; CR. | 1469 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_6_5 | SelExpr_0601 | U10 call active / RELEASE COMPLETE received 11.10 Ref. ver. 4.10.0; CR. C73 | 1469 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_6_6 | SelExpr_0601 | U10 call active / SETUP received 11.10 Ref. ver. 4.10.0; CR.11.10-669 | 1470 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_7_1 | SelExpr_0601 | U11 disconnect request / clear collision 11.10 Ref. ver. 4.10.0; CR. | 1471 |
| GSM_L3_MS_v4170/ | TC_26_8_1_2_7_2 | SelExpr_0601 | U11 disconnect request / RELEASE received | 1472 |

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| CC/ | | | 11.10 Ref. ver. 4.10.0; CR. | |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_7_3 | SelExpr_0601 | U11 disconnect request / timer T305 timeout | 1473 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_7_4 | SelExpr_0601 | 11.10 Ref. ver. 4.10.0; CR. U11 disconnect request / lower layer failure | 1474 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_7_5 | SelExpr_0601 | 11.10 Ref. ver. 4.10.0; CR. U11 disconnect request / unknown message received | 1474 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_8_1 | SelExpr_0604 | 11.10 Ref. ver. 4.10.0; CR.PT65v-015r1. U12 disconnect indication / call releasing requested by the user | 1475 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_8_2 | SelExpr_0604 | 11.10 Ref. ver. 4.10.0; CR. U12 disconnect indication / RELEASE received | 1476 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_8_3 | SelExpr_0604 | 11.10 Ref. ver. 4.10.0; CR. U12 disconnect indication / lower layer failure | 1477 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_8_4 | SelExpr_0604 | 11.10 Ref. ver. 4.10.0; CR. U12 disconnect indication / unknown message received | 1477 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_9_1 | SelExpr_0601 | 11.10 Ref. ver. 4.10.0; CR. Outgoing call / U19 release request / timer T308 timeout | 1478 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_9_2 | SelExpr_0601 | 11.10 Ref. ver. 4.10.0; CR. Outgoing call / U19 release request / 2nd timer T308 timeout | 1479 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_9_3 | SelExpr_0601 | 11.10 Ref. ver. 4.10.0; CR. Outgoing call / U19 release request / RELEASE received | 1479 |
| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_2_9_4 | SelExpr_0601 | 11.10 Ref. ver. 4.10.0; CR. Outgoing call / U19 release request / RELEASE COMPLETE received | 1480 |
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| GSM_L3_MS_v4170/ CC/ | TC_26_8_1_3_4_4 | SelExpr_0602 | Incoming call / U7 call received / RELEASE received 11.10 Ref. ver. 4.10.0; CR. | 1487 |
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Detailed Comments:

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| GSM_L3_MS_v4170/management/Ch Config/ | Config_BCCH_CCCH_A_4 | To set a physical channel and map the fourth BCCH, CCCH onto the physical channel which represents cell A. | 1687 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_BCCH_CCCH_B_1 | To set a physical channel and map FCCH, SCH, BCCH and CCCH onto the physical channel which represents cell B. | 1687 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH4_A_1 | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell A. | 1688 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH4_B_1 | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell B. | 1688 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH4_C_1 | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell C | 1689 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH4_D_1 | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell D | 1689 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH4_E_1 | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell E | 1690 |

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| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH4_F_1 | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell F | 1690 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH4_G_1 | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell G | 1691 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH4_H_1 | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell H | 1691 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH8_A_1 | To set one physical channel used as SDCCH8 channel for instance 1 of cell A. | 1692 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH8_A_2 | To set one physical channel used as SDCCH8 channel for instance 2 of cell A. | 1692 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH8_A_3 | To set one physical channel used as SDCCH8 channel for instance 3 of cell A. | 1693 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH8_B_1 | To set one physical channel used as SDCCH8 channel for instance 1 of cell B. | 1693 |
| GSM_L3_MS_v4170/management/Ch Config/ | Config_SDCCH8_B_2 | To set one physical channel used as SDCCH8 channel for instance 2 of cell B. | 1694 |
| GSM_L3_MS_v4170/management/Ch Config/ | CombinedBCCH_A_C BMS | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell A. | 1694 |
| GSM_L3_MS_v4170/management/Ch Config/ | CombinedBCCH_A | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell A. | 1695 |
| GSM_L3_MS_v4170/management/Ch Config/ | CombinedBCCH_B | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell B. | 1695 |
| GSM_L3_MS_v4170/management/Ch Config/ | CombinedBCCH_C | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell C. | 1695 |
| GSM_L3_MS_v4170/management/Ch Config/ | CombinedBCCH_D | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell D. | 1696 |
| GSM_L3_MS_v4170/management/Ch Config/ | CombinedBCCH_E | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell E. | 1696 |
| GSM_L3_MS_v4170/management/Ch Config/ | CombinedBCCH_F | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell F. | 1696 |
| GSM_L3_MS_v4170/management/Ch Config/ | CombinedBCCH_G | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell G. | 1697 |
| GSM_L3_MS_v4170/management/Ch Config/ | CombinedBCCH_G_s p | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell G. | 1697 |
| GSM_L3_MS_v4170/management/Ch Config/ | CombinedBCCH_H | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell H. | 1698 |
| GSM_L3_MS_v4170/management/Ch Config/ | NonCombinedBCCH_A | To set one physical channel used as FCHH_SCH_BCCH_CCCH for cell A. | 1698 |
| GSM_L3_MS_v4170/management/Ch Config/ | NonCombinedBCCH_A_2 | To set a physical channel and map the second BCCH, CCCH onto the physical channel which represents cell A. | 1698 |
| GSM_L3_MS_v4170/management/Ch Config/ | NonCombinedBCCH_A_3 | To set a physical channel and map the third BCCH, CCCH onto the physical channel which represents cell A. | 1699 |
| GSM_L3_MS_v4170/management/Ch Config/ | NonCombinedBCCH_A_4 | To set a physical channel and map the fourth BCCH, CCCH onto the physical channel which represents cell A. | 1699 |
| GSM_L3_MS_v4170/management/Ch Config/ | NonCombinedBCCH_B | To set a physical channel and map FCCH, SCH, BCCH, CCCH onto the physical channel which represents cell B for RR testing. | 1699 |
| GSM_L3_MS_v4170/management/Ch Config/ | FullRateCh_A_1 | To set one physical channel used as TCHF_ACCH's for instance 1 of cell A. | 1700 |
| GSM_L3_MS_v4170/management/Ch Config/ | FullRateCh_A_1_noci ph | To set one physical channel used as TCHF_ACCH's for instance 1 of cell A. | 1700 |
| GSM_L3_MS_v4170/management/Ch Config/ | FullRateCh_A_1_2_n ociph | To set one physical channel used as TCHF_ACCH's for instance 1 of cell A for TC_26_6_6_1. | 1701 |
| GSM_L3_MS_v4170/management/Ch Config/ | FullRateCh_A_2 | To set one physical channel used as TCHF_ACCH's for instance 2 of cell A for TC_26_6_13_1. | 1701 |
| GSM_L3_MS_v4170/management/Ch Config/ | FullRateCh_A_2_noci | To set one physical channel used as TCHF_ACCH's | 1702 |

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| Config/ | ph | for instance 2 of cell A for TC_26_6_13_1. | |
| GSM_L3_MS_v4170/management/Ch Config/ | FullRateCh_B_1 | To set one physical channel used as TCHF_ACCH's for instance 1 of cell B. | 1702 |
| GSM_L3_MS_v4170/management/Ch Config/ | FullRateCh_B_1_nociph | To set one physical channel used as TCHF_ACCH's for instance 1 of cell B. | 1703 |
| GSM_L3_MS_v4170/management/Ch Config/ | FullRateCh_B_2_nociph | To set one physical channel used as TCHF_ACCH's for instance 2 of cell B. | 1703 |
| GSM_L3_MS_v4170/management/Ch Config/ | FullRateCh_H_1 | To set one physical channel used as TCHF_ACCH's for instance 1 of cell H. | 1704 |
| GSM_L3_MS_v4170/management/Ch Config/ | HalfRateCh_A_1 | To set one physical channel used as TCHH_ACCH's for instance 1 of cell A. | 1704 |
| GSM_L3_MS_v4170/management/Ch Config/ | HalfRateCh_A_1_nociph | To set one physical channel used as TCHH_ACCH's for instance 1 of cell A. | 1705 |
| GSM_L3_MS_v4170/management/Ch Config/ | HalfRateCh_A_1_2 | To set one physical channel used as TCHH_ACCH's for instance 1 of cell A. | 1705 |
| GSM_L3_MS_v4170/management/Ch Config/ | HalfRateCh_A_1_3 | To set one physical channel used as TCHH_ACCH's for instance 1 of cell A. | 1706 |
| GSM_L3_MS_v4170/management/Ch Config/ | HalfRateCh_A_1_3_nociph | To set one physical channel used as TCHH_ACCH's for instance 1 of cell A. | 1706 |
| GSM_L3_MS_v4170/management/Ch Config/ | HalfRateCh_A_2 | To set one physical channel used as TCHH_ACCH's for instance 2 of cell A for TC_26_6_13_1. | 1707 |
| GSM_L3_MS_v4170/management/Ch Config/ | HalfRateCh_A_2_nociph | To set one physical channel used as TCHH_ACCH's for instance 2 of cell A for TC_26_6_13_1. | 1707 |
| GSM_L3_MS_v4170/management/Ch Config/ | HalfRateCh_B_1 | To set one physical channel used as TCHH_ACCH's for instance 1 of cell B for TC_26_6_13_5. | 1708 |
| GSM_L3_MS_v4170/management/Ch Config/ | HalfRateCh_B_1_nociph | To set one physical channel used as TCHH_ACCH's for instance 1 of cell B for TC_26_6_13_5. | 1708 |
| GSM_L3_MS_v4170/management/Ch Config/ | HalfRateCh_B_2_nociph | To set one physical channel used as TCHH_ACCH's for instance 2 of cell B for TC_26_6_13_5. | 1709 |
| GSM_L3_MS_v4170/management/Ch Config/ | SDCCH8_A_1 | To set one physical channel used as SDCCH8 channel for instance 1 of cell A. | 1709 |
| GSM_L3_MS_v4170/management/Ch Config/ | SDCCH8_A_1_nociph | To set one physical channel used as SDCCH8 channel for instance 1 of cell A. | 1710 |
| GSM_L3_MS_v4170/management/Ch Config/ | SDCCH8_A_1_2_nociph | To set one physical channel used as hopping SDCCH8 channel for instance 1 of cell A. | 1710 |
| GSM_L3_MS_v4170/management/Ch Config/ | SDCCH8_A_2_nociph | To set one physical channel used as hopping SDCCH8 channel for instance 2 of cell A, for TC_26_6_13_1. | 1711 |
| GSM_L3_MS_v4170/management/Ch Config/ | SDCCH8_A_3_nociph | To set one physical channel used as hopping SDCCH8 channel for instance 3 of cell A. | 1711 |
| GSM_L3_MS_v4170/management/Ch Config/ | SDCCH8_B_1 | To set one physical channel used as hopping SDCCH8 channel for instance 1 of cell B For TC_26_6_13_5. | 1712 |
| GSM_L3_MS_v4170/management/Ch Config/ | SDCCH8_B_1_nociph | To set one physical channel used as hopping SDCCH8 channel for instance 1 of cell B For TC_26_6_13_5. | 1712 |
| GSM_L3_MS_v4170/management/Ch Config/ | SDCCH8_B_2_nociph | To set one physical channel used as hopping SDCCH8 channel for instance 2 of cell B For TC_26_6_13_5. | 1713 |
| GSM_L3_MS_v4170/Miscellaneous/ | Adjust_gsmanddcs_powerlvl | | 1713 |
| GSM_L3_MS_v4170/Miscellaneous/ | AOC_CHK_FAC | Check the receive of FACILITY within one second at AOCC | 1714 |
| GSM_L3_MS_v4170/Miscellaneous/ | AssCh_complete | | 1714 |
| GSM_L3_MS_v4170/Miscellaneous/ | AssCh_failure | | 1715 |
| GSM_L3_MS_v4170/Miscellaneous/ | AssCmdGenMO | | 1715 |
| GSM_L3_MS_v4170/Miscellaneous/ | AssCmdGenMT | | 1716 |
| GSM_L3_MS_v4170/Miscellaneous/ | Assoc | To associate the sub logic channel identifiers to the generic "parent" channel identifiers therefore the subchannel identifiers can refer to the corresponding channels configured by OM_ChConf. | 1716 |
| GSM_L3_MS_v4170/Miscellaneous/ | Authentication | To execute the authentication procedure. | 1717 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCAuthenticate | | 1717 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCAssignTCH | | 1717 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCCH_group_Paging_group | | 1718 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCEstablishMO_SDCCH4 | | 1719 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCEstablishMO_TCH | | 1719 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCEstablishMT_SDCCH4 | | 1719 |

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| GSM_L3_MS_v4170/Miscellaneous/ | CCEstablishMT_TCH | | 1720 |
| GSM_L3_MS_v4170/Miscellaneous/ | CC_EstMsTermCall | | 1720 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCImmAssignTCH | | 1721 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCModifyTCH | | 1721 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCPage | | 1722 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCstatuschk_01 | To check whether the MS under test is in the CC state `st`. | 1722 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCstatuschk_02 | To check whether the MS under test is in the CC state `st`. | 1722 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCstatuschk_03 | To check whether the MS under test is in the CC state `st`. | 1723 |
| GSM_L3_MS_v4170/Miscellaneous/ | CCstatuschk_05 | To check whether the MS under test is in the CC state `st`. | 1723 |
| GSM_L3_MS_v4170/Miscellaneous/ | CheckTIsInStateU0 | | 1724 |
| GSM_L3_MS_v4170/Miscellaneous/ | Ciphering_off | To switch off the ciphering. In presteps the ciphering shall be switched on. | 1724 |
| GSM_L3_MS_v4170/Miscellaneous/ | Ciphering_off2 | To execute the ciphering procedure with ciphering mode OFF. In Presteps the ciphering may not have been switched on. | 1724 |
| GSM_L3_MS_v4170/Miscellaneous/ | Ciphering_on | To switch on the ciphering. | 1725 |
| GSM_L3_MS_v4170/Miscellaneous/ | CMsrcvRq | To request a CM service | 1725 |
| GSM_L3_MS_v4170/Miscellaneous/ | Compute_ti | To define the ti-parameter for originating and destination parts of the actual cc-connection. | 1725 |
| GSM_L3_MS_v4170/Miscellaneous/ | DTMFSignalling | To handle DTMF signalling initiated by the MS, which sends 'n' tones to the network. | 1726 |
| GSM_L3_MS_v4170/Miscellaneous/ | IdentityRequest | To execute the identity procedure depending on the given identity type. Used var's: TCV_ch, TCV_tmsi | 1726 |
| GSM_L3_MS_v4170/Miscellaneous/ | ImsiAttach | If possible, SIM_Insert or PowerUp or SwitchOn, and then to execute the IMSI Attach procedure when ATT=1. This test step does not allowed to execute the switch-on even if the MS supports both the SIM insert attach and the soft switch-on attach. | 1727 |
| GSM_L3_MS_v4170/Miscellaneous/ | ImsiAttachIni | If possible, SIM_Insert or PowerUp or SwitchOn, and then to execute the IMSI Attach procedure when ATT=1. This test step does not allowed to execute the switch-on even if the MS supports both the SIM insert attach and the soft switch-on attach. | 1728 |
| GSM_L3_MS_v4170/Miscellaneous/ | ImsiAttachNoReaction | If possible, SIM_Insert or PowerUp or SwitchOn, and then to execute the IMSI Attach procedure when ATT=1. This test step does not allowed to execute the switch-on even if the MS supports both the SIM insert attach and the soft switch-on attach. | 1728 |
| GSM_L3_MS_v4170/Miscellaneous/ | ImsiDetach | If possible, SIM_Remove or PowerDown or SwitchOff, and then to execute the IMSI Detach procedure. This test step does not allowed to execute the switch-off even if the MS supports both the SIM remove detach and the soft switch-off detach. | 1729 |
| GSM_L3_MS_v4170/Miscellaneous/ | ImsiDetachNoReaction | If possible, SIM_Remove or PowerDown or SwitchOff, and then wait for no reaction from the MS. | 1729 |
| GSM_L3_MS_v4170/Miscellaneous/ | InCallModi1 | | 1730 |
| GSM_L3_MS_v4170/Miscellaneous/ | LowerLayerFailure | To force the lower layer failure. | 1730 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUP | To execute the Location Update Procedure. Parameter of the location updating request will not be checked. | 1730 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUP2 | To execute the Location Update Procedure. The parameter lup_mi is the actual mi of MS before MM_LUP. | 1731 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUP3 | To execute the normal Location Update Procedure. No check of parameter. | 1731 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUPauth1 | To execute the Location Update Procedure with authentication. Check of the parameter LAI, MSCClassMark and Mobile Identity is not required and are not checked. | 1731 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUPauth2 | To execute the Location Update Procedure with authentication. Checking of the parameter LAI, MSCClassMark and Mobile Identity is required. | 1731 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUP_imsi | To execute the Location Update Procedure only for IMSI. The parameter lup_mi is the actual mi of MS | 1732 |

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| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUP_imsi1 | before MM_LUP. To execute the Location Update Procedure only for IMSI. The parameter lup_mi is the actual mi of MS before MM_LUP. It is called by TC_26_7_4_3_1. | 1732 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LupInIt | To execute the initialization of the Location Update Procedure. | 1732 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LupInIt2 | To execute the initialization of the Location Update Procedure. | 1733 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LupInIt3 | To execute the initialization of the Location Update Procedure. | 1733 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LupInIt4 | To execute the initialization of the Location Update Procedure. | 1733 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUP_tmsirealloc | To execute the Location Update Procedure. The parameter expectedlup_mi is the actual mi of MS before MM_LUP. The expectedlup_mi is not used in this teststep, it is not required to check it. The test step is called in TC_26_7_1. | 1734 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUPper | To execute the periodic Location Update Procedure. | 1734 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUPper2 | To execute the periodic Location Update Procedure. | 1734 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUPperauth | To execute the periodic Location Update Procedure. | 1735 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUPperrej | To execute the periodic Location Update Procedure. | 1735 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUPperrej2 | To execute the Location Update Procedure, which shall be rejected. | 1735 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LUPperrej3 | To execute the Location Updating Procedure, which shall be stopped with channel release. | 1736 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LupRej | To execute the Location Update Procedure, which shall be rejected. | 1736 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_LupRej2 | To execute the Location Update Procedure, which shall be rejected. | 1736 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_PwrOrSimOff | If possible, remove SIM card or to switch off the MS or to remove power source. | 1736 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_PwrOrSimOn | If possible to insert the SIM card or to switch on the MS or to restore the power source. | 1737 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_check_ecall1 | To check, if MS execute the emergency call. | 1737 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_check_ecall2 | To check, if MS execute the emergency call with IMSI | 1738 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_no_cm services | To check, if MS does not execute a MO CM connection procedure. | 1738 |
| GSM_L3_MS_v4170/Miscellaneous/ | MM_no_paging | To check, if MS does not initiate a RR connection. The duration of the checking is set in given par. | 1739 |
| GSM_L3_MS_v4170/Miscellaneous/ | RR_hocomp1 | To finish the HO-procedure. | 1739 |
| GSM_L3_MS_v4170/Miscellaneous/ | RR_hocomp2 | To finish the HO-procedure. | 1740 |
| GSM_L3_MS_v4170/Miscellaneous/ | RR_hocomp3 | To finish the HO-procedure in synchronized HO cases. | 1740 |
| GSM_L3_MS_v4170/Miscellaneous/ | RRmtcallprepare | To establish a full rate call with non hopping in cell A for GSM900 and DCS1800. IUT should be in idle updated state. | 1741 |
| GSM_L3_MS_v4170/Miscellaneous/ | RRmtcallprepareNoAuthNoCiph | To establish a full rate call with non hopping in cell A for GSM900 and DCS1800. IUT should be in idle updated state. No authentication, no ciphering. | 1741 |
| GSM_L3_MS_v4170/Miscellaneous/ | NoReaction | To check, if MS does not initiate any RR connections. | 1741 |
| GSM_L3_MS_v4170/Miscellaneous/ | SelectPagingCh | | 1742 |
| GSM_L3_MS_v4170/Miscellaneous/ | SetupRcvMo | | 1742 |
| GSM_L3_MS_v4170/Miscellaneous/ | SetupRcvMo1 | | 1743 |
| GSM_L3_MS_v4170/Miscellaneous/ | SetupRcvMo2 | | 1743 |
| GSM_L3_MS_v4170/Miscellaneous/ | SetupRcvE | | 1743 |
| GSM_L3_MS_v4170/Miscellaneous/ | TmsiReallocation | To execute the TMSI reallocation procedure. Used var's: TCV_ch | 1743 |
| GSM_L3_MS_v4170/Miscellaneous/ | Varinit_fixcommon | | 1744 |
| GSM_L3_MS_v4170/Miscellaneous/ | Varinit_fixA | | 1744 |
| GSM_L3_MS_v4170/Miscellaneous/ | Varinit_fixB | | 1744 |
| GSM_L3_MS_v4170/Miscellaneous/ | Varinit_fixC | | 1745 |
| GSM_L3_MS_v4170/Miscellaneous/ | Varinit_fixH | | 1745 |
| GSM_L3_MS_v4170/Miscellaneous/ | WaitForInService | To wait until the MS enters the Idle and updated state. | 1745 |
| GSM_L3_MS_v4170/Miscellaneous/ | WaitMainLinkDown | To wait until the main link going down This teststep shall be used only at the end of the testcases. It sets the final verdict. | 1746 |
| GSM_L3_MS_v4170/Miscellaneous/S | SysInfoSending_01LA | To send system information messages with default | 1747 |

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| ysInfo/ | C | parameters defined for the L3 tests for which no special parameters indicated. | |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | ChgLAC_A | To change the LAC of cell A. | 1749 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | ChgLAC_B | To change the LAC of cell B. | 1750 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | ChgLAI_C | To change the LAI of cell C to HPLMN. | 1751 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_MM_A | To send system information messages for the L3 tests. The following parameters specified by input parameters. | 1752 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_MM_B | To send system information messages for the L3 tests. The following parameters specified by input parameters. | 1754 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_MM_C | To send system information messages for the L3 tests. The following parameters specified by input parameters. | 1756 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_01 | To send system information messages with default parameters defined for L3 tests for which no other special parameters indicated. | 1758 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_r1 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters defined for RR test except CCCH_CONF, Tx-integer, Max-Retrans which are specified by input parameters. | 1760 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_r2 | To send system information messages in cell A with default parameters except the 5 parameters, the combined CCCH, Max-retrns, Tx-INTEGGER, control channel description and logic channel which are specified by formal parameters. | 1762 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_r4 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters defined for cell B in RR tests. | 1764 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_m1 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters defined for MM test based on RR test. | 1766 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_1 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell A for idle mode test | 1767 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_2 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell B for idle mode test | 1768 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_3 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell B for idle mode test | 1769 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_4 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell D for idle mode test | 1770 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_5 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell E for idle mode test | 1771 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_6 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell F for idle mode test | 1772 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_7 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell G for idle mode test | 1773 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_8 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell H for idle mode test | 1774 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_9 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters except Tx-integer, Max-Retrans which are specified by input parameters and radio-link-timeout = 64. | 1775 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_10 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell A (cell S1) for measurement testing. | 1777 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_11 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell B (cell N1) for measurement testing. | 1779 |

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| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_12 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell C (cell N2) for measurement testing. | 1780 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_13 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell D (cell N3) for measurement testing. | 1781 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_14 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell E (cell N4) for measurement testing. | 1782 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_15 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell F (cell N5) for measurement testing. | 1783 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_16 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell G (cell N6) for measurement testing. | 1784 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_17 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell H (cell N7) for measurement testing. | 1785 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_18 | To send system information in cell A (cell S1) for measurement testing. The DTX is set to "MS shall use discontinuous transmission." | 1786 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_19 | To send system information messages with default parameters defined for the L3 tests except Cell-Reselect-Hysteresis = 0 | 1788 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_20 | Sending of Systeminformation in EGSM cases for cell A. | 1790 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_201 | Sending of Systeminformation in HO_cases for cell A. | 1791 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_202 | Sending of Systeminformation in HO_cases for cell A. | 1793 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_211 | Sending of Systeminformation in HO_cases for cell B using 256 format for cell allocation. | 1795 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_212 | Sending of Systeminformation in HO_cases for cell B with CA in 512 format. | 1797 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_22 | Sending of Systeminformation for cell A in EGSM test case TC_26_10_2_2. | 1799 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_23 | Sending of Systeminformation for cell A in EGSM test case. | 1800 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_24 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell B. | 1801 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_24re | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell B. | 1803 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfoSending_25 | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell A. | 1805 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfo_SacchSending | To send SYSTEM INFORMATION 5 and 6 messages defined by parameters 'sysinfo5_pdu' and 'sysinfo6_pdu' in the parameterized 'ch' channel. | 1806 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SysInfo_5bisSending | To send SYSTEM INFORMATION 5bis message defined by parameters 'sysinfo5bis_pdu' in the parameterized 'ch' channel. | 1806 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SetNECI | To set the NECI = 1. | 1807 |
| GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | SetATT | To set the ATT flag to "MS's in the cell should apply IMSI attach and detach procedure" | 1808 |
| GSM_L3_MS_v4170/OperatorOP/ | AddPwrAmp | To add power amplification of the MS. | 1809 |
| GSM_L3_MS_v4170/OperatorOP/ | AtttmpCall | To attempt a call which is supported by the MS and described in TSPX_MO_BscSvc_AnyCall. The rate is defined in TSPX_MO_rate_AnyCall. | 1809 |
| GSM_L3_MS_v4170/OperatorOP/ | InitCall | To initiate a call for the basic service 'srv' with channel rate 'rate'. | 1809 |
| GSM_L3_MS_v4170/OperatorOP/ | AtttmpDataCall | To attempt an MO data call described in TSPX_MO_BscSvc_FRDataCall. | 1809 |
| GSM_L3_MS_v4170/OperatorOP/ | AtttmpDualModeCall | To attempt an MO data call described in TSPX_MO_BscSvc_DualModeCall. The rate is described in TSPX_MO_rate_DualModeCall. | 1809 |
| GSM_L3_MS_v4170/OperatorOP/ | AtttmpEmgCall | To attempt an emergency call at the MS under test. The rate is indicated by TSPX_MO_rate_EmergencyCall. | 1810 |
| GSM_L3_MS_v4170/OperatorOP/ | AtttmpFullRateCall | To attempt an MO full rate call at the MS. The service | 1810 |

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| GSM_L3_MS_v4170/OperatorOP/ | AttmpHalfRateCall | is described in TSPX_MO_BscSvc_FRCall. To attempt an MO half rate call described in TSPX_MO_BscSvc_HRCall. | 1810 |
| GSM_L3_MS_v4170/OperatorOP/ | AttmpHalfRateDataCall | To attempt an MO half rate data call at the MS. The service is described in TSPX_MO_BscSvc_HRCall. | 1810 |
| GSM_L3_MS_v4170/OperatorOP/ | AtmpNonCallSupp | To attempt a non call related supplementary service at the MS under test. | 1810 |
| GSM_L3_MS_v4170/OperatorOP/ | AtmpShortMsg | To attempt an MO short message service transaction at the MS under test. | 1811 |
| GSM_L3_MS_v4170/OperatorOP/ | AttmpSpchCall | To attempt an MO speech call at the MS under test. The service is indicated SPX_MO_BscSvc_SpeechCall. The rate is indicated by TSPX_MO_rate_SpeechCall. | 1811 |
| GSM_L3_MS_v4170/OperatorOP/ | CheckUssdStringDisplayed | To check whether the correct USSD String is displayed on the MS | 1811 |
| GSM_L3_MS_v4170/OperatorOP/ | PLMNsCHK | To check whether the MS presents a list of available PLMNs. | 1811 |
| GSM_L3_MS_v4170/OperatorOP/ | RemvPwrAmp | To remove the added power amplification of the MS. | 1811 |
| GSM_L3_MS_v4170/OperatorOP/ | RFtransCHK | To check whether the MS transmits any radio signal. | 1812 |
| GSM_L3_MS_v4170/OperatorOP/ | TermCall | To terminate (clear) the call at the MS under test. | 1812 |
| GSM_L3_MS_v4170/OperatorOP/ | ServiceIndCHK | To check whether the MS gives any service indication. | 1812 |
| GSM_L3_MS_v4170/Postambles/ | PostLinkRelEnd | To release the RR connection and bring the MS back to Idle state. This teststep decides the final verdict and therefor it shall be used only at the end of testcases. | 1812 |
| GSM_L3_MS_v4170/Postambles/ | PostMainLinkRel | To release the main signalling link `ch`, and bring the MS back to Idle state. | 1813 |
| GSM_L3_MS_v4170/Postambles/ | ChanRel | To release the RR connection on the channel TCV_chmaindch and bring the MS back to Idle state. | 1813 |
| GSM_L3_MS_v4170/Postambles/ | ChanRel_P | To release the RR connection on the channel TCV_chmaindch and bring the MS back to Idle state. This teststep decides the verdict (P). | 1813 |
| GSM_L3_MS_v4170/Postambles/ | ChanRel_end | To release the RR connection and bring the MS back to Idle state. This teststep decides the final verdict and therefor it shall be used only at the end of testcases. | 1813 |
| GSM_L3_MS_v4170/Postambles/ | RestoreCphKey | To restore the ciphering key and ciphering key sequency number of SIM to the default value. | 1814 |
| GSM_L3_MS_v4170/Preambles/ | BasicServiceMO | | 1815 |
| GSM_L3_MS_v4170/Preambles/ | BasicServiceMOorTelephony | To get a MO SETUP message with right BC IE. | 1817 |
| GSM_L3_MS_v4170/Preambles/ | BasicServiceMT | To get a MT SETUP message with right BC IE. | 1818 |
| GSM_L3_MS_v4170/Preambles/ | BasicServiceMTbis | To get a MT SETUP message with right BC IE. | 1824 |
| GSM_L3_MS_v4170/Preambles/ | BS2xMT | To get a MT SETUP message with right BC IE for BS2x service. | 1827 |
| GSM_L3_MS_v4170/Preambles/ | BS3xMT | To get a MT SETUP message with right BC IEs for BS3x service. | 1829 |
| GSM_L3_MS_v4170/Preambles/ | BS61or81MT | To get a MT SETUP message with right BC IE for BS61 or BS81 service. | 1832 |
| GSM_L3_MS_v4170/Preambles/ | TS61MT | To get a MT SETUP message with right BC IE for TS61 service. | 1835 |
| GSM_L3_MS_v4170/Preambles/ | TS62MT | To get a MT SETUP message with right BC IE for TS62 service. | 1836 |
| GSM_L3_MS_v4170/Preambles/ | BasicServiceMTorTelephony | To get a MT SETUP message with right BC IE. | 1837 |
| GSM_L3_MS_v4170/Preambles/ | BasicServiceMTNICorTelephony | To get a MT SETUP message with right BC IE. | 1837 |
| GSM_L3_MS_v4170/Preambles/ | EstMsOrigFullRateCall | To establish a full rate call in any cell. | 1838 |
| GSM_L3_MS_v4170/Preambles/ | EstMsOrigTCHF_init | To initiate a mobile originating full rate call for the supported bearer capability. Only in HO cases. | 1839 |
| GSM_L3_MS_v4170/Preambles/ | EstMsOrigHalfRateCall | To establish a half rate mobile station originating call. | 1840 |
| GSM_L3_MS_v4170/Preambles/ | EstMsTermFullRateCallFH | To establish a full rate call with FH(in CELL A or B). | 1841 |
| GSM_L3_MS_v4170/Preambles/ | EstMsTermFullRateCallNonFH | To establish a full rate call with non hopping(in CELL A or B) for GSM900 and DCS1800. | 1842 |
| GSM_L3_MS_v4170/Preambles/ | EstMsTermHalfRateCallFH | To establish a half rate call with FH. | 1843 |

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| GSM_L3_MS_v4170/Preambles/ | EstMsTermHalfRateC allNonFH | To establish a half rate call with non hopping. | 1844 |
| GSM_L3_MS_v4170/Preambles/ | IdleUpdated | To ensure that the SIM is updated to the initial conditions and the MS with CKSN valid, TMSI valid and idle updated in cell A, B or C. | 1845 |
| GSM_L3_MS_v4170/Preambles/ | IdleUpdatedCellB | To ensure that the SIM is updated to the initial conditions and the MS with CKSN valid, TMSI valid and idle updated in cell B. | 1848 |
| GSM_L3_MS_v4170/Preambles/ | PreCCSetup | | 1849 |
| GSM_L3_MS_v4170/Preambles/ | PreCCSetupMO | | 1849 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_02 | To set one physical channel used as FCHH_SCH_BCCH_CCCH for cell A and broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters, except CCCH not combined with SDCCH, then wait for the SUT (MS) entering the Idle updated state. | 1850 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_03 | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell A, then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters for cell A, and wait for the SUT (MS) entering the Idle updated state. | 1850 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_07 | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell B, and wait for the SUT (MS) entering the Idle updated state. | 1850 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_11 | To set a physical channel used as full rate traffic channel for cell A and a physical channel used as combined BCCH then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing default parameters except Cell-Reselect-Hysteresis = 0, and wait for the SUT (MS) entering the Idle updated state. | 1851 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_12 | To set a physical channel used as full rate traffic channel for cell A and a physical channel used as combined BCCH then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing default parameters except Max-Retrans = 7, Cell-Reselect-Hysteresis = 0, and wait for the SUT (MS) entering the Idle updated state. | 1851 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_r01 | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 with some options in cell A, and wait for the SUT (MS) entering the Idle updated state (3 parameters: combined channel, max retransmission, and tx integer can be set/assigned). | 1851 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_Co mb01 | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 with some options in cell A, and wait for the SUT (MS) entering the Idle updated state (3 parameters: combined channel, max retransmission, and tx integer can be set/assigned). | 1852 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_r02 | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with some options in cell A, and wait for the SUT (MS) entering the Idle updated state. 2 parameters: max retransmission, and tx integer can be set/assigned and legal combination of CCCH-CONF, BS-AG-BLKS-RES, BS-PA-MFRMS are specified by parameter `ccd`. | 1853 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_r03 | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 except radio-link-timeout = 64 in cell A, and wait for the SUT (MS) entering the Idle updated state. | 1854 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_r03 _1 | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 except radio-link-timeout = 64 in cell A, and wait for the SUT (MS) entering the Idle updated state. | 1854 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_r06 | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with an option in cell A, and wait for the SUT (MS) entering the Idle updated state (1 parameter: cell allocation can be assigned). | 1854 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_20 | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell A in HO-cases, and wait for the SUT (MS) entering the Idle updated state. | 1855 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_20 1 | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in | 1855 |

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| | | cell A and B in HO-cases, and wait for the SUT (MS) entering the Idle updated state. | |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_20 2c | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell A in HO-cases, and wait for the SUT (MS) entering the Idle updated state. | 1856 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_20 2nc | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell A in HO-cases, and wait for the SUT (MS) entering the Idle updated state. | 1857 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_20 2e | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell A in HO-cases, and wait for the SUT (MS) entering the Idle updated state. | 1858 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_22 | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 with default parameters in cell A for EGSM test case TC_26_10_2_2, and wait for the SUT (MS) entering the Idle updated state. | 1859 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterIdleState_23 | Sending of Systeminformation for cell A in EGSM test case. | 1859 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU01 _21 | To bring the MS into CC state U0.1 by procedure in table 26.8.1.2/1. This is used in CC testing. | 1859 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU1 _21 | To bring the MS into CC state U1 by procedure in table 26.8.1.2/1. This is used in CC testing. | 1860 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU1 _22 | To bring the MS into CC state U1 by procedure in table 26.8.1.2/2. This is used in CC testing. | 1860 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU1 _22Timer | To bring the MS into CC state U1 by procedure in table 26.8.1.2/2. This is used in CC testing. | 1861 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU1 _24 | To bring the MS into CC state U1 by procedure in table 26.8.1.2/4. This is used in CC testing. | 1861 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU1 | To establish a mobile originating call and put the MS under test in the CC state U1. | 1862 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU3 | To establish a mobile originating call and put the MS under test in the CC state U3. | 1863 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU3 _21 | To bring the MS into CC state U3 by procedure in table 26.8.1.2/1. This is used in CC testing. | 1863 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU3 _22 | To bring the MS into CC state U3 by procedure in table 26.8.1.2/2. This is used in CC testing. | 1864 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU3 _23 | To bring the MS into CC state U3 by procedure in table 26.8.1.2/3. This is used in CC testing. | 1864 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU3 _24 | To bring the MS into CC state U3 by procedure in table 26.8.1.2/4. This is used in CC testing. | 1864 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU4 _21 | To bring the MS into CC state U4 by procedure in table 26.8.1.2/1. This is used in CC testing. | 1865 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU4 _22 | To bring the MS into CC state U4 by procedure in table 26.8.1.2/2. This is used in CC testing. | 1865 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU4 _23 | To bring the MS into CC state U4 by procedure in table 26.8.1.2/3. This is used in CC testing. | 1865 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU4 _24 | To bring the MS into CC state U4 by procedure in table 26.8.1.2/4. This is used in CC testing. | 1866 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU6 _32 | To bring the MS into CC state U6 by procedure in table 26.8.1.3/2. This is used in CC testing. | 1866 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU7 _31 | To bring the MS into CC state U7 by procedure in table 26.8.1.3/1. This is used in CC testing. | 1866 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU7 _32 | To bring the MS into CC state U7 by procedure in table 26.8.1.3/2. This is used in CC testing. | 1867 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU7 _33 | To bring the MS into CC state U7 by procedure in table 26.8.1.3/3. This is used in CC testing. | 1867 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU8 _31 | To bring the MS into CC state U8 by procedure in table 26.8.1.3/1. This is used in CC testing. | 1867 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU8 _32 | To bring the MS into CC state U8 by procedure in table 26.8.1.3/2. This is used in CC testing. | 1868 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU8 _33 | To bring the MS into CC state U8 by procedure in table 26.8.1.3/3. This is used in CC testing. | 1868 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU9 _31 | | 1869 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU9 _32 | To bring the MS into CC state U9 by procedure in table 26.8.1.3/2. This is used in CC testing. | 1869 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU9 _33 | To bring the MS into CC state U9 by procedure in table 26.8.1.3/3. This is used in CC testing. | 1869 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU9 _34 | To bring the MS into CC state U9 by procedure in table 26.8.1.3/4. This is used in CC testing. | 1870 |

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| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU10 | To establish a mobile terminating call for the supported bearer capability and put the MS under test in the CC state U10. The supported bearer capability is specified in the input parameter setup. Early assignment only. The SETUP message does not contain a SIGNAL information element. | 1871 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU10_late | To establish a mobile terminating call for the supported bearer capability and put the MS under test in the CC state U10. The supported bearer capability is specified in the input parameter setup. Late assignment only. The SETUP message shall contain a SIGNAL information element. | 1872 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU10_r01 | To establish a mobile terminating call for the supported bearer capability and put the MS in the CC state U10. | 1873 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU10_21 | To bring the MS into CC state U10 by procedure in table 26.8.1.2/1. This is used in CC testing. | 1874 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU10_22 | To bring the MS into CC state U10 by procedure in table 26.8.1.2/2. This is used in CC testing. | 1874 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU11_23 | To bring the MS into CC state U11 by procedure in table 26.8.1.2/3. This is used in CC testing. | 1875 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU11_23Timer | To bring the MS into CC state U11 by procedure in table 26.8.1.2/3. This is used in CC testing. | 1875 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU11_24 | To bring the MS into CC state U11 by procedure in table 26.8.1.2/4. This is used in CC testing. | 1876 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU12_21 | To bring the MS into CC state U12 by procedure in table 26.8.1.2/1. This is used in CC testing. | 1876 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU12_22 | To bring the MS into CC state U12 by procedure in table 26.8.1.2/2. This is used in CC testing. | 1876 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU12_23 | To bring the MS into CC state U12 by procedure in table 26.8.1.2/3. This is used in CC testing. | 1877 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU19_21 | To bring the MS into CC state U19 by procedure in table 26.8.1.2/1. This is used in CC testing. | 1877 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU19_24 | To bring the MS into CC state U19 by procedure in table 26.8.1.2/4. This is used in CC testing. | 1878 |
| GSM_L3_MS_v4170/Preambles/ | PreEnterCCstateU19_24Timer | To bring the MS into CC state U19 by procedure in table 26.8.1.2/4. This is used in CC testing. | 1878 |
| GSM_L3_MS_v4170/Preambles/ | PreEstRRConn | To establish a RR connection on TSPX_SDCCH4SubDef | 1879 |
| GSM_L3_MS_v4170/Preambles/ | PreEstRRC_MM | To establish a RR connection for MM testcases. | 1879 |
| GSM_L3_MS_v4170/Preambles/ | PreModifySetup | To setup dual mode call and initiate MO incall modification. | 1880 |
| GSM_L3_MS_v4170/Preambles/ | PreModifySetupTimer | To setup dual mode call and initiate MO incall modification. | 1881 |
| GSM_L3_MS_v4170/Preambles/ | StartCellA_CBMS | start cell A and enter the Idle updated state. | 1882 |
| GSM_L3_MS_v4170/Preambles/ | StartCellA | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell A. | 1883 |
| GSM_L3_MS_v4170/Preambles/ | StartCellA_1 | To start cell A with some parameters different from defaults. | 1884 |
| GSM_L3_MS_v4170/Preambles/ | StartCellA_2 | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell A. | 1885 |
| GSM_L3_MS_v4170/Preambles/ | StartCellA_MM1 | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell A. | 1886 |
| GSM_L3_MS_v4170/Preambles/ | StartCellA_MM2 | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell A. | 1887 |
| GSM_L3_MS_v4170/Preambles/ | StartCellAandB | | 1889 |
| GSM_L3_MS_v4170/Preambles/ | StartCellAandB2PLMN | | 1889 |
| GSM_L3_MS_v4170/Preambles/ | StartCellB | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell B. | 1890 |
| GSM_L3_MS_v4170/Preambles/ | StartCellB_1 | To start cell B with default parameters. | 1890 |
| GSM_L3_MS_v4170/Preambles/ | StartCellB_1re | To start cell B with default parameters. | 1891 |
| GSM_L3_MS_v4170/Preambles/ | StartCellB_2 | To start transmission of system information messages in cell B for RR testing. | 1891 |
| GSM_L3_MS_v4170/Preambles/ | StartCellB_21 | To start transmission of system information messages in cell B for RR testing with controllable timing. | 1891 |
| GSM_L3_MS_v4170/Preambles/ | StartCellB_3 | To start cell B with default parameters. Cell B belongs to PLMN2(VPLMN) | 1892 |
| GSM_L3_MS_v4170/Preambles/ | StartCellB_5 | To start transmission of default system information messages in cell B for RR testing. | 1894 |

| | | | |
|----------------------------|---------------------|--|------|
| GSM_L3_MS_v4170/Preambles/ | StartCellC | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell C. | 1896 |
| GSM_L3_MS_v4170/Preambles/ | Start_2cellsPLMN2 | | 1898 |
| GSM_L3_MS_v4170/Preambles/ | StartMultiCells_01 | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 in multiple cells for idle mode testing. | 1899 |
| GSM_L3_MS_v4170/Preambles/ | StartMultiCells_02 | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 in multiple cells for measurement testing. Neighbour cells description for cell S1 is a formal parameter. | 1901 |
| GSM_L3_MS_v4170/Preambles/ | StartMultiCells_02e | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 in multiple cells for measurement testing. Neighbour cells description for cell S1 is a formal parameter. | 1903 |
| GSM_L3_MS_v4170/Preambles/ | StartMultiCells_03 | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 in multiple cells for measurement testing. NCCs of cells N3, N4 and N5 are not to be monitored. | 1905 |
| GSM_L3_MS_v4170/Preambles/ | StartMultiCells_04 | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 in multiple cells for measurement testing. The DTX is set to "MS shall use discontinuous transmission. | 1907 |
| GSM_L3_MS_v4170/Preambles/ | StartTwoCells | To start cell A and cell B with default parameters except power level of cell A = 28 dBuv and power level of cell B = 33 dBuv MNC of cell B = '02'0. | 1909 |
| GSM_L3_MS_v4170/Preambles/ | StartTwoCells_01 | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 in two cells for measurement testing. Neighbour cells description for cell S1 is a formal parameter. | 1912 |
| GSM_L3_MS_v4170/Preambles/ | IdleState_cellA | start cell A and enter the Idle updated state. | 1912 |
| GSM_L3_MS_v4170/Preambles/ | IdleState_cellB3 | To delete LAI after changing of SIM card in cell B. | 1913 |
| GSM_L3_MS_v4170/Preambles/ | IdleState_2cellMM | start 2 cells and enter the Idle updated state. MS camped on 'activ_cell'. | 1914 |
| GSM_L3_MS_v4170/Preambles/ | IdleState_2cellMM2 | start 2 cells and enter the Idle updated state. MS camps on 'activ_cell'. | 1915 |
| GSM_L3_MS_v4170/Preambles/ | IdleState_3cellMMA | start 3 cells and enter the Idle updated state. MS camped on cell A. | 1916 |
| Detailed Comments: | | | |

Default index

| Default Index | | | |
|---------------------------|--------------------|--|---------|
| Default Group Reference | Default Id | Description | Page Nr |
| GSM_L3_MS_v4170/ | OtherEvents | To match unexpected events and sign final verdict for preambles. | 1921 |
| GSM_L3_MS_v4170/ | OtherEventsFail | To match unexpected events and fail the test case. | 1922 |
| GSM_L3_MS_v4170/ | OtherEventsFail_01 | To match irrelevant CHANNEL REQUEST msg and return or match other unexpected events and fail the test case. | 1923 |
| GSM_L3_MS_v4170/ | OtherEventsFail_02 | To match unexpected events and fail the test case but ignore channel request messages that are sent before the lower tester has sent (and the MS received) the Immediate Assignment message. | 1924 |
| GSM_L3_MS_v4170/ | OtherEvents_01 | To match irrelevant messages and return | 1925 |
| GSM_L3_MS_v4170/ | OtherEvents_02 | To match unexpected events and sign final verdict for preambles but ignore channel request messages that are sent before the lower tester has sent (and the MS received) the Immediate Assignment message. | 1926 |
| GSM_L3_MS_v4170/ | RcvHdOvAcc | To match any HANDOVER ACCESS then return to calling tree. | 1927 |
| Detailed Comments: | | | |

Declarations Part

Test suite type definitions

Simple type definitions

| Simple Type Definitions | | |
|-------------------------|---|--|
| Type Name | Type Definition | Comments |
| B_1 | BITSTRING [1] | Generic type for 1 bit value |
| B_2 | BITSTRING [2] | Generic type for 2 bits value |
| B_3 | BITSTRING [3] | Generic type for 3 bits value |
| B_4 | BITSTRING [4] | Generic type for 4 bits value |
| B_5 | BITSTRING [5] | Generic type for 5 bits value |
| B_8 | BITSTRING [8] | Generic type for 8 bits value |
| BCCHFRQ | BITSTRING [5] | position of a bcch carrier in the bcch channel list |
| BCC | BITSTRING [3] | BS colour code |
| BCDN | OCTETSTRING [1..10] | BCD numbers, GSM 04.08, 10.5.4.7, octet 4-13 |
| BSIC | BITSTRING [6] | base station identity code |
| CCCH_CON | BITSTRING[3] | number of physical channels for ccch GSM 04.08, 10.5.2.11 |
| CCSTATE | INTEGER(0..20) | |
| CellID | IA5String | Cell identifier |
| CHANNEL | BITSTRING [2] | needed channel type |
| CHMOD_VAL | BITSTRING[8] | value for channel mode GSM 04.08, 10.5.2.6, 10.5.2.7 |
| CH_TDMA | BITSTRING[5] | channel type and TDMA offset GSM 04.08, 10.5.2.5 |
| CI | OCTETSTRING [2] | cell identity, GSM 04.08, 10.5.1.1 |
| CKSN | BITSTRING[3] | ciphering key sequence number(only key sequence) GSM 04.08, 10.5.1.2 |
| CLRSUP | BITSTRING('10100001'B) | CLIR suppression GSM 04.08, 10.5.4.11a |
| CLRINV | BITSTRING('10100010'B) | CLIR invocation GSM 04.08, 10.5.4.11b |
| CMSVTYPE | BITSTRING [4] | CM service type |
| CP_CAU | OCTETSTRING [1] | cp cause GSM 04.11, 8.1.4.2 |
| CPHALG | BITSTRING[3] | Ciphering algorithm identifier GSM 04.08, 10.5.2.9 |
| CS | BITSTRING [2] | coding standard |
| DeactMode | INTEGER(0..2) | Channel deactivate mode |
| EstMode | OCTETSTRING [1] | establish mode |
| EXTB | BITSTRING [1] | extension bit |
| FCS | HEXSTRING [2] | TP failure cause |
| HORF | BITSTRING [8] | handover reference |
| HSN | BITSTRING[6] | Hopping sequence number e.g.GSM 04.08 10.5.2.5 |
| IDTYPE | BITSTRING('0001'B, '0010'B, '0100'B, '0011'B) | identity type |
| IEI_4 | BITSTRING [4] | information element identifier, type 1 |
| IEI_8 | BITSTRING [8] | information element identifier, type 2-4 |
| L2FMTYPE | INTEGER(1..3) | L2 frame type |
| LENGTH | OCTETSTRING [1] | IE length or L2 pseudo length. The L2 pseudo length is composed of a L2 pseudo length value, which is 6 bits long, and of 2 additional bits. See GSM 04.08 section 10.5.2.19 |
| LEVEL | BITSTRING[5] | Power level GSM 04.08, 10.5.2.28, 10.5.2.28a |
| LOGICCH | IA5String | |
| LOGCH | IA5String | |

| | | |
|-------------|--|---|
| MAC | BITSTRING[8] | mac, e.g. GSM 04.08 10.5.2.21 |
| MAIO | BITSTRING[6] | MAIO,GSM 04.08 10.5.2.5 |
| MAXTXPOW | INTEGER(0..31) | Max Tx Power Level GSM 04.08, 10.5.2.4 |
| MOSERVICES | IA5String("C_Telephony", "C_EmgCallSRV", "C_AltSpchG3_2400", "C_AltSpchG3_4800", "C_AltSpchG3_9600", "C_AutoG3_T_2400", "C_AutoG3_T_4800", "C_AutoG3_T_9600", "C_300cda_T", "C_1200cda_T", "C_120075cda_T", "C_2400cda_T", "C_4800cda_T", "C_2400cda_T", "C_4800cda_T", "C_2400cda_T", "C_4800cda_T", "C_PAD300_T", "C_PAD1200_T", "C_PAD120075_T", "C_PAD2400_T", "C_PAD4800_T", "C_AltSpchData_300", "C_AltSpchData_1200", "C_AltSpchData_120075", "C_AltSpchData_2400", "C_AltSpchData_4800", "C_AltSpchData_9600", "C_SpchData_300", "C_SpchData_1200", "C_SpchData_120075", "C_SpchData_2400", "C_SpchData_4800", "C_SpchData_9600") | |
| MR | OCTETSTRING [1] | SMS RP or TP message reference |
| MT | BITSTRING[8] | message type, structure of it see MT0 |
| MTI | BITSTRING [3] | SMS RP message type indicator |
| MTSERVICES | IA5String("C_Telephony", "C_AltSpchG3_2400", "C_AltSpchG3_4800", "C_AltSpchG3_9600", "C_AutoG3_T_2400", "C_AutoG3_T_4800", "C_AutoG3_T_9600", "C_300cda", "C_1200cda", "C_2400cda", "C_4800cda", "C_9600cda", "C_1200cda", "C_2400cda", "C_4800cda", "C_9600cda", "C_AltSpchData_300", "C_AltSpchData_1200", "C_AltSpchData_2400", "C_AltSpchData_4800", "C_AltSpchData_9600", "C_SpchData_300", "C_SpchData_1200", "C_SpchData_2400", "C_SpchData_4800", "C_SpchData_9600") | |
| NCC | BITSTRING [3] | PLMN colour code |
| NCCP | OCTETSTRING [1] | ncc permitted |
| NTI | BITSTRING('10000000'B, '10000001'B, '10000010'B) | notification indicator GSM 04.08, 10.5.4.20 |
| PD | BITSTRING('0011'B, '0101'B, '0110'B, '1001'B, '1011'B) | Protocol discriminator |
| PGG | BITSTRING [8] | the paging group of an MS to be paged in binary presentation |
| RATE | IA5String("C_Full", "C_Half") | |
| RAND | BITSTRING [128] | random number |
| RCSD | BITSTRING [8] | reverse call setup direction GSM 04.08, 10.5.4.22a |
| RelMode | OCTETSTRING [1] | release mode |
| REJCAU | OCTETSTRING [1] | reject cause GSM 04.08, 10.5.3.6 |
| RPI | BITSTRING [8] | repeat indicator |
| RRCAU | BITSTRING [8] | RR cause GSM 04.08, 10.5.2.31 |
| RXLEV | BITSTRING [6] | received signal strength |
| SAPID | OCTETSTRING [1] | sap identifier |
| SENDINGMODE | INTEGER(1..4) | the mode of sending two consecutive messages containing paging mode IE |
| SHOCT | BITSTRING('0000'B) | spare half octet for type 1 information element |

| | | |
|---------------------------|--|---|
| SKI | BITSTRING('0000'B) | GSM 04.08, 10.5.1.8 |
| SN | BITSTRING [3] | Skip indicator all possible slot number, GSM 04.08 10.5.2.5 |
| SPB | BITSTRING('0'B) | spare bit |
| SP2B | BITSTRING('00'B) | 2 spare bits |
| SP3B | BITSTRING('000'B) | 3 spare bits |
| SP5B | BITSTRING('00000'B) | 5 spare bits |
| SP6B | BITSTRING('000000'B) | 6 spare bits |
| SRES | OCTETSTRING [4] | authentication response signature |
| TA_VAL | BITSTRING[6] | Value for timing advance GSM 04.08, 10.5.2.40 |
| TPCD | OCTETSTRING [1..157] | TP command data |
| TPSCTS | HEXSTRING [14] | TP service centre time stamp |
| TPUD | OCTETSTRING [1..140] | TP user data |
| TSC | BITSTRING[3] | Training sequence code,GSM 04.08 10.5.2.5 |
| T1 | BITSTRING [11] | |
| T1_ | BITSTRING [5] | T1' |
| T2 | BITSTRING [5] | |
| T3 | BITSTRING [6] | |
| T3_ | BITSTRING [3] | T3' |
| TI_V | BITSTRING('000'B, '001'B, '010'B, '011'B, '100'B, '101'B, '110'B) | TI value |
| TMSI_V | OCTETSTRING[4] | TMSI value is octetstring of length 4 |
| TZONES | INTEGER(-79..79) | time zones in 15 minute steps |
| WI | HEXSTRING [2] | wait indication, unit in second |
| Detailed Comments: | | |

Structured Type definitions

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | ACST | |
| Comments: | Auxiliary states (CC information element) GSM 04.08, 10.5.4.4 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| extb | EXTB | |
| sp3b | SP3B | |
| has | BITSTRING [2] | |
| mpas | BITSTRING [2] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | BCAP | |
| Comments: | Bearer capability (CC information element) GSM 04.08, 10.5.4.5 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| extb3 | EXTB | |
| rchr | BITSTRING [2] | |
| cs | BITSTRING [1] | |
| tm | BITSTRING [1] | |
| itc | BITSTRING [3] | |
| extb4 | EXTB | |
| spb | SPB | |
| strc | BITSTRING [2] | |
| dplxm | BITSTRING [1] | |
| config | BITSTRING [1] | |
| nirr | BITSTRING [1] | |
| est | BITSTRING [1] | |
| extb5 | EXTB | |
| accid | BITSTRING [2] | |
| ra | BITSTRING [2] | |
| sacp | BITSTRING [3] | |
| extb6 | EXTB | |
| l1id | BITSTRING [2] | |
| uil1 | BITSTRING [4] | |
| sb | BITSTRING [1] | |
| extb6a | EXTB | |
| nsb | BITSTRING [1] | |
| nb | BITSTRING [1] | |
| ndb | BITSTRING [1] | |
| ur | BITSTRING [4] | |
| extb6b | EXTB | |
| ir | BITSTRING [2] | |
| nictx | BITSTRING [1] | |
| nicrx | BITSTRING [1] | |
| pi | BITSTRING [3] | |
| extb6c | EXTB | |
| ce | BITSTRING [2] | |
| modemt | BITSTRING [5] | |
| extb7 | EXTB | |
| l2id | BITSTRING [2] | |
| uil2 | BITSTRING [5] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---------------------------------|----------|
| Type Name: | BLOCKTYPE | |
| Comments: | Block type, GSM 04.12, 3.3.1 | |
| Element Name | Type Definition | Comments |
| spare1 | SPB | |
| lpd | BITSTRING[2] | |
| lb | BITSTRING[1] | |
| sequence_number | BITSTRING[4] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | CAU | |
| Comments: | Cause (CC information element) GSM 04.08, 10.5.4.11 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| extb3 | EXTB | |
| cs | CS | |
| spb | SPB | |
| location | BITSTRING [4] | |
| extb3a | EXTB | |
| rec | BITSTRING [7] | |
| extb4 | EXTB | |
| cau_class | BITSTRING [3] | |
| cau_va | BITSTRING [4] | |
| cau_di | OCTETSTRING [1..28] | |
| Detailed Comments: | &COMMON_U06 | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CCCAP | |
| Comments: | Call Control Capabilities GSM 04.08, 10.5.4.5a | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| spr | BITSTRING [7] | |
| dtmf | BITSTRING [1] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CCD | |
| Comments: | Control channel description GSM 04.08, 10.5.2.11 | |
| Element Name | Type Definition | Comments |
| spr1 | BITSTRING [1] | |
| att | BITSTRING [1] | |
| babr | BITSTRING [3] | |
| ccch_con | BITSTRING [3] | |
| spr2 | BITSTRING [5] | |
| bpm | BITSTRING [3] | |
| t3212 | OCTETSTRING [1] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CCHD | |
| Comments: | Cell channel description GSM 04.08, 10.5.2.1 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| rfl | OCTETSTRING [16] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CD | |
| Comments: | Cell description GSM 04.08, 10.5.2.2 | |
| Element Name | Type Definition | Comments |
| bcch_arfcn_h | BITSTRING [2] | |
| ncc | NCC | |
| bcc | BCC | |
| bcch_arfcn_l | BITSTRING [8] | |
| Detailed Comments: | The info element is two octets long. | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CDPN | |
| Comments: | Called party BCD number (CC information element) GSM 04.08, 10.5.4.7 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| tonnpi | TON_NPI | |
| digits | BCDN | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CDPS | |
| Comments: | Called party subaddress (CC information element) GSM 04.08, 10.5.4.8 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| subad | SUBAD | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | CGPN | |
| Comments: | Calling party BCD number (CC information element) GSM 04.08, 10.5.4.9 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| tonnpi | TON_NPI | |
| pisi | PI_SI | |
| digits | BCDN | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CGPS | |
| Comments: | Calling party subaddress (CC information element) GSM 04.08, 10.5.4.10 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| subad | SUBAD | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | CHD | |
| Comments: | Channel description GSM 04.08, 10.5.2.5 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| cht_schn | BITSTRING [5] | |
| tn | BITSTRING [3] | |
| tsc | BITSTRING [3] | |
| hch | BITSTRING [1] | |
| maio | BITSTRING [6] | |
| hsn | BITSTRING [6] | |
| spr | BITSTRING [2] | |
| arfcn | BITSTRING [10] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | CHMOD | |
| Comments: | Channel mode, channel mode2 GSM 04.08, 10.5.2.6, 10.5.2.7 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| mode | BITSTRING [8] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | CHNEED | |
| Comments: | Channels needed GSM 04.08, 10.5.2.8 | |
| Element Name | Type Definition | Comments |
| ch2 | CHANNEL | |
| ch1 | CHANNEL | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CNN | |
| Comments: | Connected number (CC information element) GSM 04.08, 10.5.4.13 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| tonnpi | TON_NPI | |
| pisi | PI_SI | |
| digits | BCDN | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CNS | |
| Comments: | Connected subaddress (CC information element) GSM 04.08, 10.5.4.14 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| subad | SUBAD | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | CO | |
| Comments: | Cell options (BCCH / SACCH) GSM 04.08, 10.5.2.3 | |
| Element Name | Type Definition | Comments |
| sprb | BITSTRING [1] | |
| pwr | BITSTRING [1] | |
| dtx | BITSTRING [2] | |
| rlt | BITSTRING [4] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|--|--|----------|
| Type Name: | Component_T | |
| Comments: | Component for sending (downlink) GSM 04.80, 3.6 | |
| Element Name | Type Definition | Comments |
| comp_part1 | OCTETSTRING | |
| invokeld | OCTETSTRING [1] | |
| comp_part2 | OCTETSTRING | |
| comp_part3 | OCTETSTRING | |
| comp_part4 | OCTETSTRING | |
| comp_part5 | OCTETSTRING | |
| comp_part6 | OCTETSTRING | |
| comp_part7 | OCTETSTRING | |
| comp_part8 | OCTETSTRING | |
| comp_part9 | OCTETSTRING | |
| comp_part10 | OCTETSTRING | |
| comp_part11 | OCTETSTRING | |
| comp_part12 | OCTETSTRING | |
| Detailed Comments: This component is defined for the use in the downlink (from the test system to the IUT) direction. | | |

| Structured Type Definition | | |
|--|--|----------|
| Type Name: | CPDATA | |
| Comments: | CP-User data element GSM 04.11, 8.1.4.1 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| rpack | RPACK | |
| rpdata | RPDATA | |
| rperr | RPERR | |
| rpsmma | RPSMMA | |
| Detailed Comments: One of the 4 types of rpdu is contained in the CPDATA. | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | CPHMS | |
| Comments: | Cipher mode setting GSM 04.08, 10.5.2.9 | |
| Element Name | Type Definition | Comments |
| iei | IEI_4 | |
| algid | BITSTRING [3] | |
| sc | BITSTRING [1] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CPHKS | |
| Comments: | Cipherng key sequence number GSM 04.08, 10.5.1.2 | |
| Element Name | Type Definition | Comments |
| sprb | BITSTRING [1] | |
| ks | BITSTRING [3] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CPH_RES | |
| Comments: | Cipher response GSM 04.08, 10.5.2.10 | |
| Element Name | Type Definition | Comments |
| iei | IEI_4 | |
| sprb | BITSTRING [3] | |
| cr | BITSTRING [1] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | CSP | |
| Comments: | Cell selection parameters GSM 04.08, 10.5.2.4 | |
| Element Name | Type Definition | Comments |
| crh | BITSTRING [3] | |
| mtmc | BITSTRING [5] | |
| acs | BITSTRING [1] | |
| neci | BITSTRING [1] | |
| ram | BITSTRING [6] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | CST | |
| Comments: | Call status (CC information element) GSM 04.08, 10.5.4.6 | |
| Element Name | Type Definition | Comments |
| cs | CS | |
| csv | BITSTRING [6] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|--|--|----------|
| Type Name: | FIE | |
| Comments: | Facility information element GSM 04.80, 3.6 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| components_1 | Components | |
| components_t | Component_T | |
| Detailed Comments: When sending normally only one component is sent, but when receiving any number of components can be received even though normally we are only interested in one component during the testing. | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | FN | |
| Comments: | The time in reference to the frame numbering corresponding to the absolute frame number modulo 42432. | |
| Element Name | Type Definition | Comments |
| t1_ | T1_ | |
| t3 | T3 | |
| t2 | T2 | |
| Detailed Comments: | In STRT and RQR | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | FRQCHS | |
| Comments: | Frequency channel sequence GSM 04.08, 10.5.2.12 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| larfcn | OCTETSTRING [1] | |
| incs | OCTETSTRING [8] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | FRQL | |
| Comments: | Frequency list, frequency short list GSM 04.08, 10.5.2.5, 10.5.2.6 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| fl | OCTETSTRING [2..130] | |
| Detailed Comments: | frequency short list has a fixed length of 10 octets and does not contain the length indicator. | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | FRQPARA | |
| Comments: | Parameters for Description of basic physical channel in frequency domain. | |
| Element Name | Type Definition | Comments |
| hch | BITSTRING[1] | |
| maio | BITSTRING [6] | |
| hsn | BITSTRING [6] | |
| spr | BITSTRING [2] | |
| arfcn | BITSTRING [10] | |
| maclength | LENGTH | |
| mac_8n | BITSTRING [8] | |
| mac_7n | BITSTRING [8] | |
| mac_6n | BITSTRING [8] | |
| mac_5n | BITSTRING [8] | |
| mac_4n | BITSTRING [8] | |
| mac_3n | BITSTRING [8] | |
| mac_2n | BITSTRING [8] | |
| mac_1n | BITSTRING [8] | |
| flst | FRQL | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | HLCMP | |
| Comments: | High layer compatibility (CC information element) GSM 04.08, 10.5.4.16, ITU Q.931 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| extb3 | EXTB | |
| cs | BITSTRING [2] | |
| in | BITSTRING [3] | |
| pmpp | BITSTRING [2] | |
| extb4 | EXTB | |
| hlci | BITSTRING [7] | |
| extb4a | EXTB | |
| ehlci | BITSTRING [7] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--------------------|----------|
| Type Name: | IARESTOCT | |
| Comments: | | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iaroct1 | OCTETSTRING[1..11] | |
| iaroct2 | IARESTOCT2 | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|-------------------|----------|
| Type Name: | IARESTOCT2 | |
| Comments: | | |
| Element Name | Type Definition | Comments |
| p | BITSTRING[2] | |
| frqparalen | BITSTRING[6] | |
| spbt1 | BITSTRING[2] | |
| maio | BITSTRING[6] | |
| ma | BITSTRING[8] | |
| spbt2 | OCTETSTRING[0..8] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|---|---|----------|
| Type Name: | KPF (keypad facility) | |
| Comments: | keypad facility GSM 04.08 clause 10.5.4.17 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| extb | EXTB | |
| kpf_info | IA5String [1] | |
| Detailed Comments: Is extb needed? | | |

| Structured Type Definition | | |
|----------------------------|-----------------|----------|
| Type Name: | L1HD | |
| Comments: | Layer 1 Header | |
| Element Name | Type Definition | Comments |
| spr1 | BITSTRING[3] | |
| mshwrlvl | BITSTRING[5] | |
| spr2 | BITSTRING[1] | |
| ta | BITSTRING[7] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | LAI | |
| Comments: | Location area identification GSM 04.08, 10.5.1.3 | |
| Element Name | Type Definition | Comments |
| iei | IEL_8 | |
| mcc | OCTETSTRING [2] | |
| mnc | OCTETSTRING [1] | |
| lac | OCTETSTRING [2] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | LLCMP | |
| Comments: | Low layer compatibility (CC information element) GSM 04.08, 10.5.4.18 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| extb3 | EXTB | |
| cs | BITSTRING [2] | |
| itc | BITSTRING [5] | |
| extb3a | EXTB | |
| negind | BITSTRING[1] | |
| spb3a | SP6B | |
| extb4 | EXTB | |
| tm | BITSTRING [2] | |
| itr | BITSTRING [5] | |
| extb4a | EXTB | |
| strc | BITSTRING [3] | |
| config | BITSTRING [2] | |
| est | BITSTRING [2] | |
| extb4b | EXTB | |
| sym | BITSTRING [2] | |
| itrdo | BITSTRING [5] | |
| extb5 | EXTB | |
| l1id | BITSTRING [2] | |
| uil1 | BITSTRING [5] | |
| extb5a | EXTB | |
| sb | BITSTRING [1] | |
| neg | BITSTRING [1] | |
| ur | BITSTRING [5] | |
| extb5b1 | EXTB | |
| ir | BITSTRING [2] | |
| nictx | BITSTRING [1] | |
| nicrx | BITSTRING [1] | |
| fctx | BITSTRING [1] | |
| fcrx | BITSTRING [1] | |
| spb5b1 | SPB | |
| extb5b2 | EXTB | |
| hdrb | BITSTRING[1] | |
| mfs | BITSTRING[1] | |
| mode | BITSTRING[1] | |
| llineg | BITSTRING[1] | |
| ass | BITSTRING[1] | |
| ibob | BITSTRING[1] | |
| spb5b2 | SPB | |
| extb5c | EXTB | |
| nsb | BITSTRING [2] | |
| ndb | BITSTRING [2] | |
| pi | BITSTRING [3] | |
| extb5d | EXTB | |
| dplx | BITSTRING [1] | |
| modemt | BITSTRING [6] | |
| extb6 | EXTB | |
| l2id | BITSTRING [2] | |
| uil2 | BITSTRING [5] | |
| extb6a | EXTB | |
| ol2pi | BITSTRING[7] | |
| extb7 | EXTB | |
| l3id | BITSTRING [2] | |
| uil3 | BITSTRING [5] | |
| extb7a | EXTB | |
| ol3pi | BITSTRING[7] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | LUT | |
| Comments: | Location updating type GSM 04.08, 10.5.3.5 | |
| Element Name | Type Definition | Comments |
| foreq | BITSTRING [1] | |
| sprb | BITSTRING [1] | |
| lut | BITSTRING [2] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | MA | |
| Comments: | Mobile allocation GSM 04.08, 10.5.2.21 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| mac_8n | BITSTRING [8] | |
| mac_7n | BITSTRING [8] | |
| mac_6n | BITSTRING [8] | |
| mac_5n | BITSTRING [8] | |
| mac_4n | BITSTRING [8] | |
| mac_3n | BITSTRING [8] | |
| mac_2n | BITSTRING [8] | |
| mac_1n | BITSTRING [8] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | MI | |
| Comments: | Mobile identity GSM 04.08, 10.5.1.4 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| idigit_1 | BITSTRING [4] | |
| oei | BITSTRING [1] | |
| toi | BITSTRING [3] | |
| idigits_other | OCTETSTRING [0..7] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|---|---|----------|
| Type Name: | MSCLM1 | |
| Comments: | mobile station classmark 1 GSM 04.08, 10.5.1.5 | |
| Element Name | Type Definition | Comments |
| spr1 | BITSTRING [1] | |
| rl | BITSTRING [2] | |
| spr2 | BITSTRING [1] | |
| a5_1 | BITSTRING [1] | |
| rfpc | BITSTRING [3] | |
| Detailed Comments: 2 octets long | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | MSCLM2 | |
| Comments: | mobile station classmark 2 GSM 04.08, 10.5.1.6 | |
| Element Name | Type Definition | Comments |
| iel | LENGTH | |
| spr1 | BITSTRING [1] | |
| rl | BITSTRING [2] | |
| spr2 | BITSTRING [1] | |
| a5_1 | BITSTRING [1] | |
| rfpc | BITSTRING [3] | |
| spr3 | BITSTRING [1] | |
| psc | BITSTRING [1] | |
| sssi | BITSTRING [2] | |
| smc | BITSTRING [1] | |
| spr4 | BITSTRING [2] | |
| fc | BITSTRING [1] | |
| cm3 | BITSTRING [1] | |
| spr5 | BITSTRING [5] | |
| a5_3 | BITSTRING [1] | |
| a5_2 | BITSTRING [1] | |
| Detailed Comments: | 4 octets long | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | MSCLM3 | |
| Comments: | Mobile station classmark 3 GSM 04.08, 10.5.1.7 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| spr1 | BITSTRING [4] | |
| a5_7 | BITSTRING [1] | |
| a5_6 | BITSTRING [1] | |
| a5_5 | BITSTRING [1] | |
| a5_4 | BITSTRING [1] | |
| spr2 | OCTETSTRING [11] | |
| Detailed Comments: | The info element has 14 octets | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | MSRR | |
| Comments: | measurement results GSM 04.08, 10.5.2.20 | |
| Element Name | Type Definition | Comments |
| ba_used | BITSTRING [1] | |
| dtx_used | BITSTRING [1] | |
| rxlev_fsc | RXLEV | |
| spr1 | BITSTRING [1] | |
| meas_valid | BITSTRING [1] | |
| rxlev_ssc | RXLEV | |
| spr2 | BITSTRING [1] | |
| rxqual_fsc | BITSTRING [3] | |
| rxqual_ssc | BITSTRING [3] | |
| no_nc | BITSTRING [3] | |
| rxlev_nc1 | RXLEV | |
| bcchfrq_nc1 | BCCHFRQ | |
| bsic_nc1 | BSIC | |
| rxlev_nc2 | RXLEV | |
| bcchfrq_nc2 | BCCHFRQ | |
| bsic_nc2 | BSIC | |
| rxlev_nc3 | RXLEV | |
| bcchfrq_nc3 | BCCHFRQ | |
| bsic_nc3 | BSIC | |
| rxlev_nc4 | RXLEV | |
| bcchfrq_nc4 | BCCHFRQ | |
| bsic_nc4 | BSIC | |
| rxlev_nc5 | RXLEV | |
| bcchfrq_nc5 | BCCHFRQ | |
| bsic_nc5 | BSIC | |
| rxlev_nc6 | RXLEV | |
| bcchfrq_nc6 | BCCHFRQ | |
| bsic_nc6 | BSIC | |
| Detailed Comments: | The info element has a fixed length of 16 octets. | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | MTDIF | |
| Comments: | Mobile time difference GSM 04.08, 10.5.1.21a | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| value | OCTETSTRING [3] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | NCD | |
| Comments: | Neighbour cells description GSM 04.08, 10.5.2.22 | |
| Element Name | Type Definition | Comments |
| rfl2 | BITSTRING [2] | |
| extind | BITSTRING [1] | |
| baind | BITSTRING [1] | |
| rfl4 | BITSTRING [4] | |
| rfl | OCTETSTRING [15] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | PCMD | |
| Comments: | Power command and access type GSM 04.08, 10.5.2.28, 10.5.2.28a | |
| Element Name | Type Definition | Comments |
| sprb | BITSTRING [3] | |
| pl | BITSTRING [5] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|--|--|----------|
| Type Name: | PI | |
| Comments: | Progress indicator GSM 04.08, 10.5.4.21 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| extb3 | EXTB | |
| cs | BITSTRING [2] | |
| spb | SPB | |
| loc | BITSTRING [4] | |
| extb4 | EXTB | |
| prd | BITSTRING [7] | |
| Detailed Comments: total 4 octets | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | PI_SI | |
| Comments: | Presentation indicator & screening indicator GSM 04.08, 10.5.4.9, 10.5.4.13 | |
| Element Name | Type Definition | Comments |
| extb | EXTB | |
| pi | BITSTRING [2] | |
| sp3b | SP3B | |
| si | BITSTRING [2] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|-----------------------------------|----------|
| Type Name: | PM | |
| Comments: | Page mode GSM 04.08, 10.5.2.26 | |
| Element Name | Type Definition | Comments |
| sprb | BITSTRING [2] | |
| pgm | BITSTRING [2] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | RACHCP | |
| Comments: | Rach control parameters GSM 04.08, 10.5.2.29 | |
| Element Name | Type Definition | Comments |
| maxrtx | BITSTRING [2] | |
| txint | BITSTRING [4] | |
| cba | BITSTRING [1] | |
| re | BITSTRING [1] | |
| acc_2 | BITSTRING [5] | |
| ec | BITSTRING [1] | |
| acc_1 | BITSTRING [10] | |
| Detailed Comments: | The info element has a fixed length of 3 octets. | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | RPACK | |
| Comments: | SMS RP ACKNOWLEDGEMENT ms <-> n GSM 04.11, 7.3.3 | |
| Element Name | Type Definition | Comments |
| sprb | SP5B | |
| rpmti | MTI | |
| rpmr | MR | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | RPCAU | |
| Comments: | RP user data element GSM 04.11, 8.2.5.4 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| extb2 | EXTB | |
| rpcau_class | BITSTRING [3] | |
| rpcau_va | BITSTRING [4] | |
| rpcau_di | OCTETSTRING [1] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | RPDATA | |
| Comments: | SMS RP DATA ms <-> n GSM 04.11, 7.3.1 | |
| Element Name | Type Definition | Comments |
| sprb | SP5B | |
| rpmti | MTI | |
| rpmr | MR | |
| rpOaddr | CDPN | |
| rpDaddr | CDPN | |
| rpusrdat | RPUSRDAT | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | RPERR | |
| Comments: | SMS RP ERROR ms <-> n GSM 04.11, 7.3.4 | |
| Element Name | Type Definition | Comments |
| sprb | SP5B | |
| rpmti | MTI | |
| rpmr | MR | |
| rpcau | RPCAU | |
| rpusrdat | RPUSRDAT | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|---|---|----------|
| Type Name: | RPSMMA | |
| Comments: | SMS RP SMMA ms -> n GSM 04.11, 7.3.2 | |
| Element Name | Type Definition | Comments |
| sprb | SP5B | |
| rpmti | MTI | |
| rpmr | MR | |
| Detailed Comments: SM memory available | | |

| Structured Type Definition | | |
|--|--|----------|
| Type Name: | RPUSRDAT | |
| Comments: | RP user data element GSM 04.11, 8.2.5.3, GSM 03.40, 9.2.2 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| tpdeliver | SMDLVR | |
| tpsubmit | SMSBMT | |
| tpstatus_rpt | SMST_RPT | |
| tpcommand | SMCMD | |
| tpdlvr_sbmt_rpt | SMDLVR_RPT | |
| Detailed Comments: One of the six tpdu is contained in the RPUSRDATA. Since the structures of the messages SMS-Deliver-Report and SMS-Submit-Report are identical, they have been combined to tpdlvr_sbmt_rpt and therefore only five tp message types exist in this type definition. | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | RQR | |
| Comments: | Request reference GSM 04.08, 10.5.2.30 | |
| Element Name | Type Definition | Comments |
| ra | BITSTRING [8] | |
| fn | FN | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | SIGNAL | |
| Comments: | Signal (CC information element) GSM 04.08, 10.5.4.23 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| sigv | BITSTRING [8] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | SERIAL_NUMBER | |
| Comments: | Serial number for SMSCB, GSM 3.41, 9.3.2 | |
| Element Name | Type Definition | Comments |
| gs | BITSTRING[2] | |
| message_code | BITSTRING[10] | |
| update_number | BITSTRING[4] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | SMCMD | |
| Comments: | SMS COMMAND, ms -> n. GSM 03.40, 9.2.2.4 | |
| Element Name | Type Definition | Comments |
| sprb1 | SP2B | |
| srr | BITSTRING[1] | |
| sprb2 | SP3B | |
| mti | BITSTRING [2] | |
| mr | MR | |
| pid | TPPID | |
| ct | OCTETSTRING [1] | |
| mn | OCTETSTRING [1] | |
| da | TPA | |
| cdl | LENGTH | |
| cd | TPCD | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | SMDLVR | |
| Comments: | SMS DELIVER, n -> ms. GSM 03.40, 9.2.2.1 | |
| Element Name | Type Definition | Comments |
| rp | BITSTRING [1] | |
| udhi | BITSTRING [1] | |
| sri | BITSTRING [1] | |
| sprb2 | SP2B | |
| mms | BITSTRING [1] | |
| mti | BITSTRING [2] | |
| oa | TPA | |
| pid | TPPID | |
| dcs | TPDCS | |
| scts | TPSCTS | |
| udl | LENGTH | |
| ud | TPUD | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | SMDLVR_RPT | |
| Comments: | SMS DELIVER or SUBMIT REPORT contained in the RP ERROR PDU, n <-> ms. GSM 03.40, 9.2.2.1a, 9.2.2.2a. | |
| Element Name | Type Definition | Comments |
| sprb1 | SP6B | |
| mti | BITSTRING [2] | |
| fcs | FCS | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | SMSBMT | |
| Comments: | SMS SUBMIT, ms -> n. GSM 03.40, 9.2.2.2 | |
| Element Name | Type Definition | Comments |
| rp | BITSTRING [1] | |
| udhi | BITSTRING [1] | |
| srr | BITSTRING [1] | |
| vpf | BITSTRING [2] | |
| rd | BITSTRING [1] | |
| mti | BITSTRING [2] | |
| mr | MR | |
| da | TPA | |
| pid | TPPID | |
| dcs | TPDCS | |
| vp1 | OCTETSTRING [1] | |
| vp7 | TPSCTS | |
| udl | LENGTH | |
| ud | TPUD | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | SMSCBpack | |
| Comments: | SMS cell broadcasting packing data n -> ms. GSM 03.38, 6.1.2.2.1 | |
| Element Name | Type Definition | Comments |
| block1 | OCTETSTRING [16] | |
| block2 | OCTETSTRING [22] | |
| block3 | OCTETSTRING [22] | |
| block4 | OCTETSTRING [22] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | SMST_RPT | |
| Comments: | SMS STATUS REPORT, n -> ms. GSM 03.40, 9.2.2.3 | |
| Element Name | Type Definition | Comments |
| sprb1 | SP5B | |
| mms | BITSTRING [1] | |
| mti | BITSTRING [2] | |
| mr | MR | |
| ra | TPA | |
| scts | TPSCTS | |
| dt | TPSCTS | |
| st | TPST | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | SSVI | |
| Comments: | SS version indicator GSM 04.08, 10.5.4.24 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| ssv | OCTETSTRING [1] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---------------------------------------|----------|
| Type Name: | STRT | |
| Comments: | Starting time GSM 04.08, 10.5.2.38 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| fn | FN | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | SUBAD | |
| Comments: | Subaddress GSM 04.08, 10.5.4.8, 10.5.4.10, 10.5.4.14 | |
| Element Name | Type Definition | Comments |
| extb | EXTB | |
| tos | BITSTRING [3] | |
| oei | BITSTRING [1] | |
| sp3b | SP3B | |
| si | OCTETSTRING [2..23] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | SYNCHI | |
| Comments: | Synchronization indication GSM 04.08, 10.5.2.39 | |
| Element Name | Type Definition | Comments |
| iei | IEI_4 | |
| nci | BITSTRING [1] | |
| rot | BITSTRING [1] | |
| si | BITSTRING [2] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | TA | |
| Comments: | Timing advance GSM 04.08, 10.5.2.40 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| sprb | BITSTRING [2] | |
| value | BITSTRING [6] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | TDIF | |
| Comments: | Time difference GSM 04.08, 10.5.1.41 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| value | OCTETSTRING [1] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | TI | |
| Comments: | Transaction identifier GSM 04.08, 10.1 | |
| Element Name | Type Definition | Comments |
| ti_f | BITSTRING [1] | |
| ti_v | TI_V | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|-----------------------------------|----------|
| Type Name: | TMSI | |
| Comments: | Temporary GSM 04.08, 10.5.2.42 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| tmsi_val | OCTETSTRING [4] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|---|----------|
| Type Name: | TON_NPI | |
| Comments: | Type of number and numbering plan GSM 04.08, 10.5.4.7, 10.5.4.9, 10.5.4.13, GSM 03.40, 9.1.2.5 | |
| Element Name | Type Definition | Comments |
| extb | EXTB | |
| ton | BITSTRING [3] | |
| npi | BITSTRING [4] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|----------------------------------|----------|
| Type Name: | TPA | |
| Comments: | TP address GSM 03.40, 9.1.2.5 | |
| Element Name | Type Definition | Comments |
| iel | LENGTH | |
| tonnpi | TON_NPI | |
| digits | BCDN | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | TPDCS | |
| Comments: | SMS data coding scheme GSM 03.38, 4, 5 | |
| Element Name | Type Definition | Comments |
| cg | BITSTRING [4] | |
| code | BITSTRING [4] | |
| Detailed Comments: | Identifying the coding scheme within the TP user data. | |

| Structured Type Definition | | |
|----------------------------|--|----------|
| Type Name: | TPPID | |
| Comments: | TP protocol identifier GSM 03.40, 9.2.3.9 | |
| Element Name | Type Definition | Comments |
| type | BITSTRING [2] | |
| value | BITSTRING [6] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|----------------------------------|----------|
| Type Name: | TPST | |
| Comments: | TP status GSM 03.40, 9.2.3.15 | |
| Element Name | Type Definition | Comments |
| sprb1 | SPB | |
| value | BITSTRING [7] | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|----------------------------|-----------------|----------|
| Type Name: | UNKWN | |
| Comments: | unknown IE | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| contents | OCTETSTRING | |
| Detailed Comments: | | |

| Structured Type Definition | | |
|---|-----------------------------------|----------|
| Type Name: | UU | |
| Comments: | User-user GSM 04.08, 10.5.4.25 | |
| Element Name | Type Definition | Comments |
| iei | IEI_8 | |
| iel | LENGTH | |
| uupd | BITSTRING [8] | |
| uui | OCTETSTRING [1..128] | |
| Detailed Comments: | | |
| In SETUP, ALERTING, CONNECT, DISCONNECT, RELEASE and RELEASE COMPLETE messages the uui length is of 0 - 32 bytes. | | |
| In USER INFORMATION messages the uui length is of 1 - 128. | | |

ASN1 type definitions

| ASN.1 Type Definition | |
|---|--|
| Type Name: | Component |
| Comments: | ASN1_Encoding: BER |
| Type Definition | |
| <pre> CHOICE { registerSSComponents RegisterSS_Components, eraseSSComponents EraseSS_Components, activateSSComponents ActivateSS_Components, deactivateSSComponents DeactivateSS_Components, interrogateSSComponents InterrogateSS_Components, notifySSComponents NotifySS_Components, registerPasswordComponents RegisterPassword_Components, getPasswordComponents GetPassword_Components, processUnstructuredSSDataComponents ProcessUnstructuredSSData_Components, forwardCheckSSIndicationComponents ForwardCheckSSIndication_Components, processUnstructuredSSRequestComponents ProcessUnstructuredSSRequest_Components, unstructuredSSRequestComponents UnstructuredSSRequest_Components, unstructuredSSNotifyComponents UnstructuredSSNotify_Components, forwardCUGInfoComponents ForwardCUGInfo_Components, splitMPTYComponents SplitMPTY_Components, retrieveMPTYComponents RetrieveMPTY_Components, holdMPTYComponents HoldMPTY_Components, buildMPTYComponents BuildMPTY_Components, forwardChargeAdviceComponents ForwardChargeAdvice_Components, generalComponents General_Components }</pre> | |
| Detailed Comments: | Plural components as each type represents invoke, return result, return error etc. |

| ASN.1 Type Definition | |
|---------------------------|---|
| Type Name: | Components |
| Comments: | GSM 04.80, 3.6 |
| Type Definition | |
| SET OF Component | |
| Detailed Comments: | ASN.1 transfer encoding rules: BER is not wholly used for the type Components. The contents of Components, without the octets encoding the tag and the length of SET OF, is carried as the Components value. |

| ASN.1 Type Definition | |
|------------------------------|--|
| Type Name: | ActivateSS_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| CHOICE { | |
| activateSS_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (12), |
| ss_ForBS | SS_ForBS_Code }, |
| activateSS_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (12), |
| ss_Info | SS_Info } }, |
| activateSS_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (bearerServiceNotProvisioned |
| | teleserviceNotProvisioned |
| | illegalSS_Operation |
| | dataMissing |
| | unexpectedDataValue |
| | negativePW_Check |
| | numberOfPW_AttemptsViolation) }, |
| callBarredErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (callBarred), |
| | parameter CallBarringCause }, |
| ss_ErrorStatusErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_ErrorStatus), |
| | parameter SS_Status }, |
| ss_SubscriptionViolationsErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_SubscriptionViolation), |
| | parameter SS_SubscriptionOption }, |
| ss_IncompatibilityErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_Incompatibility), |
| | parameter SS_IncompatibilityCause }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (systemFailure), |
| | parameter NetworkResource } }, |
| activateSS_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer m (15 - 30 s) |

| ASN.1 Type Definition | |
|------------------------------|--|
| Type Name: | BuildMPTY_Components |
| Comments: | GSM 04.80, 4.2 |
| Type Definition | |
| CHOICE { | |
| buildMPTY_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (124) }, |
| buildMPTY_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (124) } }, |
| buildMPTY_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID |
| | InvokeIDType, |
| | errorCode |
| | ErrorLocalValues (illegalSS_Operation |
| | ss_NotAvailable |
| | maxNumberOfMPTY_ParticipantsExceeded |
| | resourcesNotAvailable) }, |
| ss_ErrorStatusErr | [3] IMPLICIT SEQUENCE { invokeID |
| | InvokeIDType, |
| | errorCode |
| | ErrorLocalValues (ss_ErrorStatus), |
| | parameter |
| | SS_Status }, |
| ss_IncompatibilityErr | [3] IMPLICIT SEQUENCE { invokeID |
| | InvokeIDType, |
| | errorCode |
| | ErrorLocalValues (ss_Incompatibility), |
| | parameter |
| | SS_IncompatibilityCause }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID |
| | InvokeIDType, |
| | errorCode |
| | ErrorLocalValues (systemFailure), |
| | parameter |
| | NetworkResource } }, |
| buildMPTY_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer T_buildMPTY (5 - 30 s) |

| ASN.1 Type Definition | |
|-------------------------------|--|
| Type Name: | DeactivateSS_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| CHOICE { | |
| deactivateSS_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (13), |
| ss_ForBS | SS_ForBS_Code }, |
| deactivateSS_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (13), |
| ss_Info | SS_Info } }, |
| deactivateSS_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (bearerServiceNotProvisioned |
| | teleserviceNotProvisioned |
| | illegalSS_Operation |
| | dataMissing |
| | unexpectedDataValue |
| | negativePW_Check |
| | numberOfPW_AttemptsViolation) }, |
| callBarredErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (callBarred), |
| | parameter CallBarringCause }, |
| ss_ErrorStatusErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_ErrorStatus), |
| | parameter SS_Status }, |
| ss_SubscriptionViolatiOneErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_SubscriptionViolation), |
| | parameter SS_SubscriptionOption }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (systemFailure), |
| | parameter NetworkResource } }, |
| deactivateSS_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer m |

| ASN.1 Type Definition | |
|------------------------------|---|
| Type Name: | EraseSS_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| CHOICE { | |
| eraseSS_InvokeComp | [1] IMPLICIT SEQUENCE { invokeID InvokeIDType, localValue INTEGER (11), ss_ForBS SS_ForBS_Code }, |
| eraseSS_ReturnResultComp | [2] IMPLICIT SEQUENCE { invokeID InvokeIDType, result SEQUENCE { localValue INTEGER (11), ss_Info SS_Info } }, |
| eraseSS_ReturnErrorComp | CHOICE { errorCodes [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, errorCode ErrorLocalValues (bearerServiceNotProvisioned teleserviceNotProvisioned illegalSS_Operation dataMissing unexpectedDataValue) }, |
| callBarredErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, errorCode ErrorLocalValues (callBarred), parameter CallBarringCause }, |
| ss_ErrorStatusErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, errorCode ErrorLocalValues (ss_ErrorStatus), parameter SS_Status }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, errorCode ErrorLocalValues (systemFailure), parameter NetworkResource } }, |
| eraseSS_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer m |

| ASN.1 Type Definition | |
|--------------------------------------|--|
| Type Name: | ForwardChargeAdvice_Components |
| Comments: | GSM 04.80, 4.2 |
| Type Definition | |
| CHOICE { | |
| forwardChargeAdvice_InvokeComp | [1] IMPLICIT SEQUENCE { invokeID InvokeIDType, localValue INTEGER (125), forwardChargeAdviceArg SEQUENCE { ss_Code [0] SS_Code, chargingInformation [1] SEQUENCE{ e1 [1] INTEGER (0..max10TimesUnitsPerTime) OPTIONAL, e2 [2] INTEGER (0..max10TimesTimeInterval) OPTIONAL, e3 [3] INTEGER (0..max100TimesScalingFactor) OPTIONAL, e4 [4] INTEGER (0..max10TimesIncrement) OPTIONAL, e5 [5] INTEGER (0..max10TimesIncrementPerDataInterval) OPTIONAL, e6 [6] INTEGER (0..maxNumberOfSegmentsPerDataInterval) OPTIONAL, e7 [7] INTEGER (0..max10TimesInitialTime) OPTIONAL } } }, |
| forwardChargeAdvice_ReturnResultComp | [2] IMPLICIT SEQUENCE { invokeID InvokeIDType, result SEQUENCE { localValue INTEGER (125) } }, |
| forwardChargeAdvice_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer T_aoc = 1 - 40 s |

| ASN.1 Type Definition | |
|-------------------------------------|---|
| Type Name: | ForwardCheckSSIndication_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| CHOICE { | |
| forwardCheckSSIndication_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (38) }, |
| forwardCheckSSIndication_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|------------------------------|----------------------------------|
| Type Name: | ForwardCUGInfo_Components |
| Comments: | GSM 04.80, 4.2 |
| Type Definition | |
| CHOICE { | |
| forwardCUGInfo_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (120), |
| forwardCUGInfo_Arg | SEQUENCE{ |
| cug_Index | [0] IMPLICIT CUG_Index OPTIONAL, |
| suppressPrefCUG | [1] IMPLICIT NULL OPTIONAL, |
| suppressOA | [2] IMPLICIT NULL OPTIONAL } }, |
| forwardCUGInfo_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|---|
| Type Name: | General_Components |
| Comments: | Non specified components must match this type definition. |
| Type Definition | |
| CHOICE { | |
| general_InvokeComp | [1] IMPLICIT General_InvokeComponent, |
| general_ReturnResultComp | [2] IMPLICIT General_ReturnResultComponent, |
| general_ReturnErrorComp | [3] IMPLICIT General_ReturnErrorComponent, |
| general_RejectComp | [4] IMPLICIT RejectComponent } |
| -- This is the General InvokeComponent -- | |
| General_InvokeComponent ::= SEQUENCE { | |
| invokeID | InvokeIDType, |
| linked_ID | [0] IMPLICIT InvokeIDType OPTIONAL, |
| operation_value | Operation, |
| argument | ANY OPTIONAL } |
| -- This is the General ReturnResultComponent -- | |
| General_ReturnResultComponent ::= SEQUENCE { | |
| invokeID | InvokeIDType, |
| valueAndResult | SEQUENCE { |
| operation_value | Operation, |
| result | ANY } OPTIONAL } |
| -- This is the General ReturnErrorComponent -- | |
| General_ReturnErrorComponent ::= SEQUENCE { | |
| invokeID | InvokeIDType, |
| error | ANY } |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|------------------------------|---|
| Type Name: | GetPassword_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| CHOICE { | |
| getPassword_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| linkedID | [0] IMPLICIT InvokeIDType, |
| localValue | INTEGER (18), |
| guidanceInfo | ENUMERATED { |
| | enterPW (0), |
| | enterNewPW (1), |
| | enterNewPW_Again (2) } }, |
| getPassword_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (18), |
| currentPassword | Password } }, |
| getPassword_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer m |

| ASN.1 Type Definition | |
|------------------------------|--|
| Type Name: | HoldMPTY_Components |
| Comments: | GSM 04.80, 4.2 |
| Type Definition | |
| CHOICE { | |
| holdMPTY_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (123) }, |
| holdMPTY_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (123) } }, |
| holdMPTY_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (illegalSS_Operation |
| | facilityNotSupported) }, |
| ss_ErrorStatusErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_ErrorStatus), |
| | parameter SS_Status }, |
| ss_IncompatibilityErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_Incompatibility), |
| | parameter SS_IncompatibilityCause }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (systemFailure), |
| | parameter NetworkResource } }, |
| holdMPTY_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer T_holdMPTY (5 - 30 s) |

| ASN.1 Type Definition | |
|--------------------------------|---|
| Type Name: | InterrogateSS_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| CHOICE { | |
| interrogateSS_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (14), |
| ss_ForBS | SS_ForBS_Code }, |
| interrogateSS_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (14), |
| interrogateSS_Res | CHOICE { |
| ss_Status | [0] IMPLICIT SS_Status, |
| basicServiceGroupList | [2] IMPLICIT BasicServiceGroupList, |
| forwardingFeatureList | [3] IMPLICIT ForwardingFeatureList, |
| cli_RestrictionInfo | [4] IMPLICIT SEQUENCE { |
| ss_Status | SS_Status, |
| cliRestrictionOption | CliRestrictionOption OPTIONAL } } } }, |
| interrogateSS_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| errorCode | ErrorLocalValues (bearerServiceNotProvisioned |
| | teleserviceNotProvisioned |
| | illegalSS_Operation |
| | ss_NotAvailable |
| | dataMissing |
| | unexpectedDataValue) }, |
| callBarredErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| errorCode | ErrorLocalValues (callBarred), |
| parameter | CallBarringCause }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| errorCode | ErrorLocalValues (systemFailure), |
| parameter | NetworkResource } }, |
| interrogateSS_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer m |

| ASN.1 Type Definition | |
|------------------------------|--|
| Type Name: | NotifySS_Components |
| Comments: | GSM 04.80, 4.2 |
| Type Definition | |
| CHOICE { | |
| notifySS_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (16), |
| notifySS_Arg | SEQUENCE{ |
| ss_Code | [1] IMPLICIT SS_Code OPTIONAL, |
| ss_Status | [4] IMPLICIT SS_Status OPTIONAL, |
| ss_Notification | [5] IMPLICIT OCTET STRING (SIZE (1)) OPTIONAL, |
| callsWaiting_Indicator | [14] IMPLICIT NULL OPTIONAL, |
| callOnHold_Indicator | [15] IMPLICIT ENUMERATED { |
| | callRetrieved (0), |
| | callOnHold (1) } OPTIONAL, |
| mpty_Indicator | [16] IMPLICIT NULL OPTIONAL, |
| cug_Index | [17] IMPLICIT CUG_Index OPTIONAL, |
| clrSuppressionRejected | [18] IMPLICIT NULL OPTIONAL } }, |
| notifySS_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|---|
| Type Name: | ProcessUnstructuredSSData_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| CHOICE { | |
| processUnstructuredSSData_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (19), |
| ss_UserData | SS_UserData }, |
| processUnstructuredSSData_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (19), |
| ss_UserData | SS_UserData } }, |
| processUnstructuredSSData_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (unexpectedDataValue) }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (systemFailure), |
| | parameter NetworkResource} }, |
| processUnstructuredSSData_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer m |

| ASN.1 Type Definition | |
|---|---|
| Type Name: | ProcessUnstructuredSSRequest_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| CHOICE { | |
| processUnstructuredSSRequest_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (59), |
| ussd_Arg | USSD_Arg }, |
| processUnstructuredSSRequest_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (59), |
| ussd_Res | USSD_Res} }, |
| processUnstructuredSSRequest_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (dataMissing |
| | unexpectedDataValue |
| | unknownAlphabet) }, |
| callBarredErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (callBarred), |
| | parameter CallBarringCause }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (systemFailure), |
| | parameter NetworkResource} }, |
| processUnstructuredSSRequest_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer m |

| ASN.1 Type Definition | |
|-----------------------------------|--|
| Type Name: | RegisterPassword_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| CHOICE { | |
| registerPassword_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (17), |
| ss_Code | SS_Code } , |
| registerPassword_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (17), |
| newPassword | Password } } , |
| registerPassword_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (dataMissing |
| | unexpectedDataValue |
| | negativePW_Check |
| | numberOfPW_AttemptsViolation) }, |
| callBarredErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (callBarred), |
| | parameter CallBarringCause }, |
| ss_SubscriptionViolationErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_SubscriptionViolation), |
| | parameter SS_SubscriptionOption }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (systemFailure), |
| | parameter NetworkResource}, |
| pw_RegistrationFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (pw_RegistrationFailure), |
| | parameter PW_RegistrationFailureCause } }, |
| registerPassword_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer m |

| ASN.1 Type Definition | |
|--|---|
| Type Name: | RegisterSS_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| <pre> CHOICE { registerSS_InvokeComp [1] IMPLICIT SEQUENCE { invokeID InvokeIDType, localValue INTEGER (10), registerSS_Arg SEQUENCE { ss_Code SS_Code, basicService BasicServiceCode OPTIONAL, forwardedToNumber [4] IMPLICIT AddressString OPTIONAL, forwardedToSubaddress [6] IMPLICIT ISDN_SubaddressString OPTIONAL, noReplyConditionTime [5] IMPLICIT NoReplyConditionTime OPTIONAL } }, registerSS_ReturnResultComp [2] IMPLICIT SEQUENCE { invokeID InvokeIDType, result SEQUENCE { localValue INTEGER (10), ss_Info SS_Info } }, registerSS_ReturnErrorComp CHOICE { errorCodes [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, errorCode ErrorLocalValues (bearerServiceNotProvisioned teleserviceNotProvisioned illegalSS_Operation dataMissing unexpectedDataValue) }, callBarredErr [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, errorCode ErrorLocalValues (callBarred), parameter CallBarringCause }, ss_IncompatibilityErr [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, errorCode ErrorLocalValues (ss_Incompatibility), parameter SS_IncompatibilityCause }, systemFailureErr [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, errorCode ErrorLocalValues (systemFailure), parameter NetworkResource } }, registerSS_RejectComp [4] IMPLICIT RejectComponent } </pre> | |
| Detailed Comments: | Timer m |

| ASN.1 Type Definition | |
|--|--|
| Type Name: | RejectComponent |
| Comments: | ITU-T Q.767 |
| Type Definition | |
| <pre> SEQUENCE { invokedID CHOICE { derivable InvokeIDType, notDerivable NULL }, problem CHOICE { generalProblem [0] IMPLICIT GeneralProblem, invokeProblem [1] IMPLICIT InvokeProblem, returnResultProblem [2] IMPLICIT ReturnResultProblem, returnErrorProblem [3] IMPLICIT ReturnErrorProblem } } </pre> | |
| Detailed Comments: | Reject Component is not specific to any particular operation. The invokeID may be used to identify a specific operation. |

| ASN.1 Type Definition | |
|-------------------------------|--|
| Type Name: | RetrieveMPTY_Components |
| Comments: | GSM 04.80, 4.2 |
| Type Definition | |
| CHOICE { | |
| retrieveMPTY_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (122) }, |
| retrieveMPTY_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (122) } }, |
| retrieveMPTY_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (illegalSS_Operation |
| | facilityNotSupported) }, |
| ss_ErrorStatusErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_ErrorStatus), |
| | parameter SS_Status }, |
| ss_IncompatibilityErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_Incompatibility), |
| | parameter SS_IncompatibilityCause }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (systemFailure), |
| | parameter NetworkResource } }, |
| retrieveMPTY_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer T_retrieveMPTY (5 - 30 s) |

| ASN.1 Type Definition | |
|------------------------------|--|
| Type Name: | SplitMPTY_Components |
| Comments: | GSM 04.80, 4.2 |
| Type Definition | |
| CHOICE { | |
| splitMPTY_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (121) }, |
| splitMPTY_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (121) } }, |
| splitMPTY_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (illegalSS_Operation |
| | facilityNotSupported) }, |
| ss_ErrorStatusErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_ErrorStatus), |
| | parameter SS_Status }, |
| ss_IncompatibilityErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (ss_Incompatibility), |
| | parameter SS_IncompatibilityCause }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (systemFailure), |
| | parameter NetworkResource } }, |
| splitMPTY_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer T_splitMPTY (5 - 30 s) |

| ASN.1 Type Definition | |
|---------------------------------------|---|
| Type Name: | UnstructuredSSNotify_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| CHOICE { | |
| unstructuredSSNotify_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (61), |
| ussd_Arg | USSD_Arg }, |
| unstructuredSSNotify_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (61) } }, |
| unstructuredSSNotify_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (illegalSubscriber |
| | illegalEquipment |
| | absentSubscriber |
| | dataMissing |
| | unexpectedDataValue |
| | unknownAlphabet |
| | ussd_Busy) }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (systemFailure), |
| | parameter NetworkResource } }, |
| unstructuredSSNotify_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer m |

| ASN.1 Type Definition | |
|--|---|
| Type Name: | UnstructuredSSRequest_Components |
| Comments: | GSM 09.02, 14.5, 14.6.4, 14.6.6, 14.7.4, 14.7.7 |
| Type Definition | |
| CHOICE { | |
| unstructuredSSRequest_InvokeComp | [1] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| localValue | INTEGER (60), |
| ussd_Arg | USSD_Arg }, |
| unstructuredSSRequest_ReturnResultComp | [2] IMPLICIT SEQUENCE { |
| invokeID | InvokeIDType, |
| result | SEQUENCE { |
| localValue | INTEGER (60), |
| ussd_Res | USSD_Res } }, |
| unstructuredSSRequest_ReturnErrorComp | CHOICE { |
| errorCodes | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (illegalSubscriber |
| | illegalEquipment |
| | absentSubscriber |
| | dataMissing |
| | unexpectedDataValue |
| | unknownAlphabet |
| | ussd_Busy) }, |
| systemFailureErr | [3] IMPLICIT SEQUENCE { invokeID InvokeIDType, |
| | errorCode ErrorLocalValues (systemFailure), |
| | parameter NetworkResource } }, |
| unstructuredSSRequest_RejectComp | [4] IMPLICIT RejectComponent } |
| Detailed Comments: | Timer m |

| ASN.1 Type Definition | |
|---|-------------------|
| Type Name: | AddressString |
| Comments: | GSM 09.02, 14.7.8 |
| Type Definition | |
| OCTET STRING (SIZE (1 .. maxAddressLength)) | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---------------------------|-----------------------|
| Type Name: | Asn1Integer |
| Comments: | INTEGER of ASN.1 type |
| Type Definition | |
| INTEGER | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-------------------|
| Type Name: | BasicServiceCode |
| Comments: | GSM 09.02, 14.7.8 |
| Type Definition | |
| CHOICE { bearerService [2] IMPLICIT BearerServiceCode, teleservice [3] IMPLICIT TeleserviceCode } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-----------------------|
| Type Name: | BasicServiceGroupList |
| Comments: | GSM 09.02, 14.7.8 |
| Type Definition | |
| SEQUENCE SIZE (1 .. maxNumOfBasicServiceGroups) OF BasicServiceCode | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---------------------------|--------------------|
| Type Name: | BearerServiceCode |
| Comments: | GSM 09.02, 14.7.10 |
| Type Definition | |
| OCTET STRING (SIZE (1)) | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|-------------------|
| Type Name: | CallBarringCause |
| Comments: | GSM 09.02, 14.7.7 |
| Type Definition | |
| ENUMERATED { barringServiceActive (0), operatorBarring (1) } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|--------------------|
| Type Name: | CallBarringFeature |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE { basicService BasicServiceCode OPTIONAL, ss_Status [4] IMPLICIT SS_Status OPTIONAL } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|------------------------|
| Type Name: | CallBarringFeatureList |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE SIZE (1..maxNumOfBasicServiceGroups) OF CallBarringFeature | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|-------------------|
| Type Name: | CallBarringInfo |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE { ss_Code SS_Code OPTIONAL, callBarringFeatureList CallBarringFeatureList } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|----------------------|
| Type Name: | CliRestrictionOption |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| ENUMERATED { permanent (0), temporaryDefaultRestricted (1), temporaryDefaultAllowed (2) } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-------------------|
| Type Name: | CUG_Feature |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE { basicService BasicServiceCode OPTIONAL, preferentialCUG_Indicator CUG_Index OPTIONAL, interCUG_Restrictions InterCUG_Restrictions } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|-------------------|
| Type Name: | CUG_FeatureList |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE SIZE (1.. maxNumOfBasicServiceGroups) OF CUG_Feature | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---------------------------|---|
| Type Name: | CUG_Index |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| INTEGER (0..32767) | |
| Detailed Comments: | The internal structure is defined in ETS 300 138. |

| ASN.1 Type Definition | |
|---------------------------|-------------------|
| Type Name: | CUG_Interlock |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| OCTET STRING (SIZE (4)) | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|-------------------|
| Type Name: | CUG_Info |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE { cug_SubscriptionList CUG_SubscriptionList, cug_FeatureList CUG_FeatureList OPTIONAL } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|-------------------|
| Type Name: | CUG_Subscription |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE { cug_Index CUG_Index, cug_Interlock CUG_Interlock, intraCUG_Options IntraCUG_Options, basicServiceGroupList BasicServiceGroupList OPTIONAL } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|----------------------|
| Type Name: | CUG_SubscriptionList |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE SIZE (1.. maxNumOfCUG) OF CUG_Subscription | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|---|
| Type Name: | ErrorLocalValues |
| Comments: | GSM 04.80, 4.5 |
| Type Definition | |
| <pre> INTEGER { unknownSubscriber (1), illegalSubscriber (9), bearerServiceNotProvisioned (10), teleserviceNotProvisioned (11), illegalEquipment (12), callBarred (13), illegalSS_Operation (16), ss_ErrorStatus (17), ss_NotAvailable (18), ss_SubscriptionViolation (19), ss_Incompatibility (20), facilityNotSupported (21), absentSubscriber (27), systemFailure (34), dataMissing (35), unexpectedDataValue (36), pw_RegistrationFailure (37), negativePW_Check (38), numberOfPW_AttemptsViolation (43), unknownAlphabet (71), ussd_Busy (72), maxNumberOfMPTY_ParticipantsExceeded (126), resourcesNotAvailable (127) } </pre> | |
| Detailed Comments: | Elements of INTEGER are global for the ATS. |

| ASN.1 Type Definition | |
|---|-------------------|
| Type Name: | ForwardingFeature |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| <pre> SEQUENCE { basicService BasicServiceCode OPTIONAL, ss_Status [4] IMPLICIT SS_Status OPTIONAL, forwardedToNumber [5] IMPLICIT ISDN_AddressString OPTIONAL, forwardedToSubaddress [8] IMPLICIT ISDN_SubaddressString OPTIONAL, forwardingOptions [6] IMPLICIT ForwardingOptions OPTIONAL, noReplyConditionTime [7] IMPLICIT NoReplyConditionTime OPTIONAL } </pre> | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|-----------------------|
| Type Name: | ForwardingFeatureList |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE SIZE (1..maxNumOfBasicServiceGroups) OF ForwardingFeature | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-------------------|
| Type Name: | ForwardingInfo |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| <pre> SEQUENCE { ss_Code SS_Code OPTIONAL, forwardingFeatureList ForwardingFeatureList } </pre> | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|------------------------------|-------------------|
| Type Name: | ForwardingOptions |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| OCTET STRING (SIZE (1)) | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|----------------|
| Type Name: | GeneralProblem |
| Comments: | ITU-T Q.767 |
| Type Definition | |
| TCAP_Problems (unrecognizedComponent mistypedComponent badlyStructuredComponent) | |
| Detailed Comments: Type restricted to these three. | |

| ASN.1 Type Definition | |
|---|-----------------------|
| Type Name: | InterCUG_Restrictions |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| OCTET STRING (SIZE (1)) | |
| Detailed Comments: | |
| bits: 876543: 000000 (unused) | |
| bits 21: 00 CUG only facilities | |
| 01 CUG with outgoing access | |
| 10 CUG with incoming access | |
| 11 CUG with both outgoing and incoming access | |

| ASN.1 Type Definition | |
|--|-------------------|
| Type Name: | IntraCUG_Options |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| ENUMERATED { noCUG_Restrictions (0), cugIC_CallBarred (1), cugOG_CallBarred (2) } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|--------------|
| Type Name: | InvokeIDType |
| Comments: | ITU-T, Q.773 |
| Type Definition | |
| INTEGER (-128 .. 127) | |
| Detailed Comments: | |
| Values: | |
| Sending Components: If it is an invoke component then use Test Case Variable (with default) to set value. If another invoke component is sent the TCV should be incremented beforehand. If it is a return result, error or reject component in response to a received invoke component then use TCV also, making sure the value is set to the value of the received component beforehand. | |
| Receiving Components: If it is an invoke comp then use '?'. If it is a return result, error or reject component in response to a sent invoke component then use TCV value (as used in sent invoke component). | |

| ASN.1 Type Definition | |
|--|-----------------------------|
| Type Name: | InvokeProblem |
| Comments: | ITU-T Q.767 |
| Type Definition | |
| TCAP_Problems (duplicateInvokeID unrecognizedOperation mistypedArgument resourceLimitation initiatingRelease unrecognizedLinkedID linkedResponseUnexpected unexpectedLinkedOperation) | |
| Detailed Comments: | Type restricted to these 8. |

| ASN.1 Type Definition | |
|---|--------------------|
| Type Name: | ISDN_AddressString |
| Comments: | GSM 09.02, 14.7.8 |
| Type Definition | |
| AddressString (SIZE (1 .. maxISDN_AddressLength)) | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-----------------------|
| Type Name: | ISDN_SubaddressString |
| Comments: | GSM 09.02, 14.7.8 |
| Type Definition | |
| OCTET STRING (SIZE (1 .. maxISDN_SubaddressLength)) | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|---|
| Type Name: | NetworkResource |
| Comments: | GSM 09.02, 14.7.8, |
| Type Definition | |
| ENUMERATED { plmn (0), hlr (1), vlr (2), pvlr (3), controllingMSC (4), vmcsc (5), eir (6), rss (7) } | |
| Detailed Comments: | Elements of INTEGER are global for the ATS. |

| ASN.1 Type Definition | |
|---------------------------|----------------------|
| Type Name: | NoReplyConditionTime |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| INTEGER (5 .. 30) | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-------------|
| Type Name: | Operation |
| Comments: | ITU-T Q.767 |
| Type Definition | |
| CHOICE { localValue INTEGER, globalValue OBJECT IDENTIFIER} | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-------------------|
| Type Name: | OverrideCategory |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| ENUMERATED { overrideEnabled (0), overrideDisabled (1)} | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-------------------|
| Type Name: | Password |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| NumericString (FROM ("0" "1" "2" "3" "4" "5" "6" "7" "8" "9")) (SIZE (4)) | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|-----------------------------|
| Type Name: | PW_RegistrationFailureCause |
| Comments: | GSM 09.02, 14.7.7 |
| Type Definition | |
| ENUMERATED { undetermined (0), invalidFormat (1), newPasswordsMismatch (2)} | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|-----------------------------|
| Type Name: | ReturnErrorProblem |
| Comments: | ITU-T Q.767 |
| Type Definition | |
| TCAP_Problems (unrecognizedInvokeID returnErrorUnexpected unrecognizedError unexpectedError mistypedParameter) | |
| Detailed Comments: | Type restricted to these 5. |

| ASN.1 Type Definition | |
|--|---------------------------------|
| Type Name: | ReturnResultProblem |
| Comments: | ITU-T Q.767 |
| Type Definition | |
| TCAP_Problems (unrecognizedInvokeID returnResultUnexpected mistypedResult) | |
| Detailed Comments: | Type restricted to these three. |

| ASN.1 Type Definition | |
|---------------------------|---|
| Type Name: | SS_Code |
| Comments: | GSM 09.02, 14.7.5 |
| Type Definition | |
| OCTET STRING (SIZE (1)) | |
| Detailed Comments: | group (bits 8765), and specific service (bits 4321) |

| ASN.1 Type Definition | |
|--|-------------------|
| Type Name: | SS_Data |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE { ss_Code SS_Code OPTIONAL, ss_Status [4] IMPLICIT SS_Status OPTIONAL, ss_SubscriptionOption SS_SubscriptionOption OPTIONAL, basicServiceGroupList BasicServiceGroupList OPTIONAL } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-------------------|
| Type Name: | SS_ForBS_Code |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE { ss_Code SS_Code, basicService BasicServiceCode OPTIONAL } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-------------------------|
| Type Name: | SS_IncompatibilityCause |
| Comments: | GSM 09.02, 14.7.8 |
| Type Definition | |
| SEQUENCE { ss_Code [1] IMPLICIT SS_Code OPTIONAL, basicService BasicServiceCode OPTIONAL, ss_Status [4] SS_Status OPTIONAL } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|--|-------------------|
| Type Name: | SS_Info |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| CHOICE { forwardingInfo [0] IMPLICIT ForwardingInfo, callBarringInfo [1] IMPLICIT CallBarringInfo, cug_Info [2] IMPLICIT CUG_Info, ss_Data [3] IMPLICIT SS_Data } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|------------------------------|---|
| Type Name: | SS_Status |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| OCTET STRING (SIZE (1)) | |
| Detailed Comments: | bits 8765: 0000 unused, bits 4: SS state information Q bit, bits 3: SS state information P bit, bits 2: SS state information R bit, bits 1: SS state information A bit. |

| ASN.1 Type Definition | |
|---|-----------------------|
| Type Name: | SS_SubscriptionOption |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| CHOICE { overrideCategory [1] IMPLICIT OverrideCategory, cliRestrictionOption [2] IMPLICIT CliRestrictionOption } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-------------------|
| Type Name: | SS_UserData |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| IA5String (SIZE (1 .. maxSignalInfoLength)) | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|--|
| Type Name: | TCAP_Problems |
| Comments: | ITU-T Q.767 |
| Type Definition | |
| INTEGER { unrecognizedComponent (0), -- GeneralProblem unrecognizedInvokeID (0), -- ReturnResultProblem, ReturnErrorProblem duplicateInvokeID (0), -- InvokeProblem mismatchedComponent (1), -- GeneralProblem returnErrorUnexpected (1), -- ReturnErrorProblem returnResultUnexpected (1), -- ReturnResultProblem unrecognizedOperation (1), -- InvokeProblem badlyStructuredComponent (2), -- GeneralProblem unrecognizedError (2), -- ReturnErrorProblem mismatchedArgument (2), -- InvokeProblem, originally called mismatchedParameter in TCAP mismatchedResult (2), -- ReturnResultProblem resourceLimitation (3), -- InvokeProblem unexpectedError (3), -- ReturnErrorProblem mismatchedParameter (4), -- ReturnErrorProblem initiatingRelease (4), -- InvokeProblem unrecognizedLinkedID (5), -- InvokeProblem linkedResponseUnexpected (6), -- InvokeProblem unexpectedLinkedOperation (7) -- InvokeProblem } | |
| Detailed Comments: | Errors of the same integer value are distinguished by their different parent types (General, Invoke, ReturnResult, ReturnError). |

| ASN.1 Type Definition | |
|---------------------------|-------------------|
| Type Name: | TeleserviceCode |
| Comments: | GSM 09.02, 14.7.9 |
| Type Definition | |
| OCTET STRING (SIZE (1)) | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-------------------|
| Type Name: | USSD_Arg |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE { ussd_DataCodingScheme USSD_DataCodingScheme, ussd_String USSD_String } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|-------------------|
| Type Name: | USSD_Res |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| SEQUENCE { ussd_DataCodingScheme USSD_DataCodingScheme, ussd_String USSD_String } | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---------------------------|-----------------------|
| Type Name: | USSD_DataCodingScheme |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| OCTET STRING (SIZE (1)) | |
| Detailed Comments: | |

| ASN.1 Type Definition | |
|---|---|
| Type Name: | USSD_String |
| Comments: | GSM 09.02, 14.7.4 |
| Type Definition | |
| OCTET STRING (SIZE (1..maxUSSD_StringLength)) | |
| Detailed Comments: | The structure of the contents of the USSD-String is dependent on the USSD-DataCodingScheme as described in TS GSM03.38. |

Test suite operation definitions

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OC_Asn1intToOct(n:Asn1Integer; l: INTEGER) |
| Result Type: | OCTETSTRING |
| Comments: | |
| Description | |
| OC_Asn1intToOct converts the ASN.1 INTEGER `n` into OCTETSTRING with length = `l`. | |
| for example: | |
| OC_Asn1intToOct(14,1) = '0E'O; | |
| OC_Asn1intToOct(18,1) = '12'O; | |
| OC_Asn1intToOct(18,2) = '0012'O; | |
| OC_Asn1intToOct(-128,1) = '80'O (MSB (position p out of 1...p) represents $-2^{exp(p-1)}$); | |
| OC_Asn1intToOct(-32768,2) = '8000'O (MSB (position p out of 1...p) represents $-2^{exp(p-1)}$). | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OC_Bcap(setup:SETUP_MO_PDU; callproc:CALL_PROC_PDU; mem:INTEGER) |
| Result Type: | BCAP |
| Comments: | |
| Description | |
| OC_Bcap operation returns a bearer capability IE according the following rule: | |
| - for `mem` = 1: | |
| - if bearer capability IE were presented in `callproc` the returned BC is the bearer capability 1 of the `callproc`; | |
| - otherwise, the returned bearer capability is the bearer capability 1 of the `setup`. | |
| - for `mem` = 2: | |
| - if bearer capability IE were presented in `callproc` the returned BC is the bearer capability 2 of the `callproc`; | |
| - otherwise, the returned bearer capability is the bearer capability 2 of the `setup`. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OC_BinAdd(bitstr1:BITSTRING; bitstr2:BITSTRING) |
| Result Type: | BITSTRING |
| Comments: | |
| Description | |
| OC_BinAdd operation performs binary addition of two input parameters `bitstr1` and `bitstr2`, then returns the result of the addition. These two input parameters shall have the same length, the result of the operation has the same length as the input parameters. | |
| for example: | |
| OC_BinAdd('01000'B, '00110'B) = '01110'B; | |
| OC_BinAdd('01000'B, '00011'B) = '01011'B; | |
| OC_BinAdd('00100'B, '00010'B) = '00110'B. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OC_Bit7(bstring: B_8) |
| Result Type: | BITSTRING |
| Comments: | The input parameter bstring is of type BITSTRING[8]. |
| Description | |
| OC_Bit7(bstring) returns the value of bit 7 in the `bstring`. | |
| for example: | |
| OC_Bit7('01010101'B) = '1'B, | |
| OC_Bit7('10101010'B) = '0'B | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OC_BCDtoInt(bcdstring:HEXSTRING; relevant_digits: INTEGER) |
| Result Type: | INTEGER |
| Comments: | |
| Description | |
| The operation OC_BCDtoInt converts last 'relevant_digits' of an HEXSTRING containing BCD coded digits to an integer representation of these relevant digits. | |
| Example: OC_BCDtoInt('12345'H, 3) := 345 | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OC_CallComfVerify(callcmf: CALL_CO_PDU; srv: IA5String) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| The OC_CallComfVerify operation checks whether the CALL_CO_PDU `callcmf` contains one or two bearer capabilities according to the actual configuration of the MS and whether `callcmf` contains a correctly encoded "Repeat Indicator", the actual configuration is indicated by `srv`. It returns TRUE if the `callcmf` is according to the actual configuration and "Repeat Indicaor" is correct, otherwise it returns FALSE. The rules for verification is described in GSM 07.01. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OC_CalledNumCHK(callednum:OCTETSTRING; dialnum:IA5String) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| the operation OC_CalledNumCHK to check whether the called party number `callednum`, which is represented by OCTETSTRING, is the same as the dialed number 'dialnum', which is represented by IA5String. It returns TRUE if they are the same, otherwise FALSE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OC_CallProcGen(setup:SETUP_MO_PDU; callproc:CALL_PROC_PDU) |
| Result Type: | CALL_PROC_PDU |
| Comments: | This gives a general purpose call proceeding message |
| Description | |
| <p>OC_CallProcGen operation fills the bearer capability fields of the CALL_PROC_PDU (input parameter 'callproc') according to the input parameter 'setup' (SETUP message):</p> | |
| <p>1. CALL_PROC_PDU.ti := setup.ti, CALL_PROC_PDU.ti.ti_f := '1'B,</p> | |
| <p>2. Decide if negotiation is needed (* currently the only parameter that forces the MSC to respond is the connection element. The NIRR bit is ignored by old MSCs so the mobile cannot rely on a response. A recent change to 07.01 clarifies that the RCR is not negotiable in the Call Proceeding message *).</p> | |
| <p>Negotiation is only needed if either bearer capability 1 or bearer capability 2 (if present) has the connection element set to '1x'B.</p> | |
| <p>3. IF negotiation is not needed THEN CALL_PROC_PDU.bcric := OMIT, CALL_PROC_PDU.bcap1 := 'OMIT', CALL_PROC_PDU.bcap2 := 'OMIT' ELSE (* negotiation needed *) IF the bcric was received in the Setup message THEN CALL_PROC_PDU.bcric := setup.bcric ELSE CALL_PROC_PDU.bcric shall be Omitted. IF setup.bcap1.itc = '000'B (speech call) THEN CALL_PROC_PDU.bcap1.rcr := '00'B, (* this provides some testing of the ability of a mobile to correctly ignore spare bits *) and set all other bcap1 fields to the value contained in the corresponding setup bcap1 fields ELSE (* in this case bcap1 indicates data and the ce needs to be checked *) CALL_PROC_PDU.bcap1.ce := '0x'B, where x equals to the second bit of SETUP_PDU.bcap.ce, CALL_PROC_PDU.bcap1.NIRR = 0, and set all other bcap1 fields to the value contained in the corresponding setup bcap1 fields IF setup.bcap2 was received in the Setup message THEN IF setup.bcap2.itc = '000'B (speech call) THEN CALL_PROC_PDU.bcap2.rcr := '11'B, (* this provides some testing of the ability of a mobile to correctly ignore spare bits *) and set all other bcap2 fields to the value contained in corresponding setup bcap2 fields ELSE (* in this case bcap2 indicates data and the ce needs to be checked *) CALL_PROC_PDU.bcap2.ce := '0x'B, where x equals to the second bit of SETUP_PDU.bcap.ce, CALL_PROC_PDU.bcap2.NIRR = 0, and set all other bcap2 fields to the value contained in corresponding setup bcap2 fields ELSE CALL_PROC_PDU.bcap2 shall be Omitted. END</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|-----------------------------------|
| Operation Name: | OC_CallProcGenE(setup:ESETUP_PDU) |
| Result Type: | CALL_PROC_PDU |
| Comments: | this is used for emergency call. |
| Description | |
| <p>OC_CallProcGen operation generates a CALL_PROC_PDU according to the input parameter `setup` (ESETUP message):</p> <p style="padding-left: 40px;">CALL_PROC_PDU.ccpd := '0011'B, CALL_PROC_PDU.ti := setup.ti, CALL_PROC_PDU.ti.ti_f := '1'B, CALL_PROC_PDU.mt := '00000010'B.</p> <p>1. If ESETUP message does not contain bcap, or if the setup.bcap1.itc = '00'B (speech call) then the CALL_PROC_PDU generated by this operation contains mandatory IE's only. If ESETUP message does not contain bcap, then the tester shall assume Full Rate Speech.</p> <p>2. If the setup.bcap1.itc <> '000'B (non speech call) the CALL_PROC_PDU generated by this operation contains the following IE's :</p> <p style="padding-left: 40px;">CALL_PROC_PDU.bcri. CALL_PROC_PDU.bcap1 is omitted if setup.bcap1.rchr<> '1x'B or setup.bcap1.ce <> '1x'B, otherwise: CALL_PROC_PDU.bcap1.rchr = '01'B (FR), CALL_PROC_PDU.bcap1.ce = '00'B (T), CALL_PROC_PDU.bcap1.nirr = '0'B (no meaning), all other parameters in the CALL_PROC_PDU.bcap1 are set to the values received from setup.bcap1, where applicable. CALL_PROC_PDU.bcap2 is omitted. all other IE's are omitted.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OC_ChkSRES(sres:OCTETSTRING; ki: BITSTRING; rand:BITSTRING) |
| Result Type: | BOOLEAN |
| Comments: | sres is 32 bits value. |
| Description | |
| <p>OC_ChkSRES checks the input parameter `sres` according to the authentication algorithm defined in the following procedure. It returns TRUE if the `sres` is correct, otherwise it returns FALSE.</p> <ul style="list-style-type: none"> - firstly the `ki` XOR to the `rand` results in RES1; - then compare the most significant 32 bits of the RES1 with the `sres`; - if they are equal, the `sres` is correct and the operation returns TRUE; - if they are not equal, the `sres` is wrong and the operation returns FALSE. <p>NOTE: this procedure is the test algorithm for authentication defined by GSM.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-------------------------|
| Operation Name: | OC_CnvtMax(max:INTEGER) |
| Result Type: | B_2 |
| Comments: | |
| Description | |
| <p>The allowed integer values for max are 1, 2, 4, 7 (maximum number of retransmissions). The result BITSTRING is 2 bits long. OC_CnvtMax converts the input integer `max` into a BITSTRING according to the following rule:</p> <ol style="list-style-type: none"> 1. the result is '00'B if the `max` = 1, 2. the result is '01'B if the `max` = 2, 3. the result is '10'B if the `max` = 4, 4. the result is '11'B if the `max` = 7. <p>for example:</p> <p>OC_CnvtMax(1) = '00'B, OC_CnvtMax(7) = '11'B.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--------------------------------------|
| Operation Name: | OC_CnvtTx(tx:INTEGER) |
| Result Type: | B_4 |
| Comments: | The result BITSTRING is 4 bits long. |
| Description | |
| <p>OC_CnvtTx converts the input integer `tx` into a BITSTRING according the following rule:</p> <ol style="list-style-type: none"> 1. the result is '0000'B if the `tx` = 3, 2. the result is '0001'B if the `tx` = 4, 3. the result is '0010'B if the `tx` = 5, 4. the result is '0011'B if the `tx` = 6, 5. the result is '0100'B if the `tx` = 7, 6. the result is '0101'B if the `tx` = 8, 7. the result is '0110'B if the `tx` = 9, 8. the result is '0111'B if the `tx` = 10, 9. the result is '1000'B if the `tx` = 11, 10. the result is '1001'B if the `tx` = 12, 11. the result is '1010'B if the `tx` = 14, 12. the result is '1011'B if the `tx` = 16, 13. the result is '1100'B if the `tx` = 20, 14. the result is '1101'B if the `tx` = 25, 15. the result is '1110'B if the `tx` = 32, 16. the result is '1111'B if the `tx` = 50. <p>for example:</p> <p>OC_CnvtTx(3) = '0000'B, OC_CnvtTx(5) = '0010'B.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OC_CodeSMSCBMessage(firstoct: INTEGER; lastoct: INTEGER) |
| Result Type: | OCTETSTRING |
| Comments: | |
| Description | |
| The operation codes a part of the contents for a cell broadcast short message. The cell broadcast short message, is 82 octets long, i.e. 93 characters, each represented by 7 bits. As many as possible different characters are sent, the characters are those corresponding to the 7-bit representation of the integers 0, 1, 2, ..., 92. The bits are arranged acc. to GSM 03.38, clause 6.1.2.1.1. The result of this operation is the octetstring of the octets 'firstoct' to 'lastoct' (16 octets for the first message block, 22 octets for the 2nd, 3rd and 4th blocks), with the octets of the cell broadcast short message being numbered from 1 to 82. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OC_CodingOfUssdString(text: IA5String) |
| Result Type: | OCTETSTRING |
| Comments: | |
| Description | |
| This operation provides the coding for a USSD String 'text' in the default alphabet, each character represented by 7 bits. The bits are arranged acc. to GSM 03.38, clause 6.1.2.2.1. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OC_ComputeSMContents(NumberOfCharacters: INTEGER) |
| Result Type: | OCTETSTRING |
| Comments: | max. 160 characters, i.e. 140 octets. |
| Description | |
| This operation provides a short message's contents with a specified number of characters 'NumberOfCharacters', each represented by 7 bits. As possible different characters are sent, the characters are those corresponding to the 7-bit representation of 0, 1, 2, ... up to ('NumberOfCharacters' - 1). If more than 128 characters are sent, the rest of the characters is the corresponding to 0, 1, ... up to (NumberOfCharacters - 128 - 1), e.g. for 160 characters: 0, 1, ..., 127, 0, 1, ..., 31. The bits are arranged acc. to GSM 03.38, clause 6.1.2.1.1. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OC_ComputeSMContentsSpecText(NumbOfIA5chara: INTEGER; text: IA5String) |
| Result Type: | OCTETSTRING |
| Comments: | max. 160 characters, i.e. 140 octets. |
| Description | |
| This operation provides a short message's contents with a specified number of characters 'NumbOfIA5chara', each represented by 7 bits. 'text' is used as contents of the short message. If 'text' contains less than 'NumberOfCharacters' characters, 'text' is repeated until the short message reaches the 'NumberOfCharacters' characters long. The bits packing is arranged according. to GSM 03.38, clause 6.1.2.1.1. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OC_CphKeyGen(ki:BITSTRING; rand:BITSTRING) |
| Result Type: | BITSTRING |
| Comments: | both ki and rand are 128 bits values, the result of the operation is 64 bits value |
| Description | |
| OC_CphKeyGen generates the ciphering key from the input parameters according to the following procedure: <ul style="list-style-type: none"> - firstly the `ki` XOR to the `rand` results in RES1; - then discard the most significant 32 bits of the RES; - the next 64 bits of RES1 are the ciphering key, the operation returns this value. - the 32 least significant bits are not used. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|-----------------------------------|
| Operation Name: | OC_FirstDigi(bcddigits:HEXSTRING) |
| Result Type: | B_4 |
| Comments: | |
| Description | |
| <p>The input parameter bcddigits shall be a BCD string (subset of HEXSTRING), the result is a BITSTRING[4] of a binary representation of one BCD digit.</p> <p>The function of the OC_FirstDigi is to return the first (most significant) digit of the input parameter `bcddigits`.</p> <p>for example:</p> <p>OC_FirstDigi('12345') = '0001'B, OC_FirstDigi('012345678') = '0000'B.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------------------|
| Operation Name: | OC_FnArith(fn, fn1:FN) |
| Result Type: | INTEGER |
| Comments: | |
| Description | |
| <p>The function of OC_FnArith operation to calculate the difference of two frame numbers `fn` and `fn1`.</p> <pre> OC_FnArith(fn, inc) FN fn, fn1; { int fmin frmin1; INTEGER diff; fmin = 51 * ((fn.t3 - fn.t2) MOD 26) + fn.t3 + 1326 * fn.t1_ ; frmin1 = 51 * ((fn1.t3 - fn1.t2) MOD 26) + fn1.t3 + 1326 * fn1.t1_ ; diff = (fmin - frmin1) MOD 42432 return (diff); } </pre> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|------------------------------|
| Operation Name: | OC_FnInc(fn:FN; inc:INTEGER) |
| Result Type: | FN |
| Comments: | |
| Description | |
| <p>The function of OC_FnInc operation to increase frame number with `inc`. The frame number to be incremented is the input parameter `fn` in FN type and the increment `inc` is in INTEGER type, the incremented frame number is returned in FN type.</p> <pre> OC_FnInc(fn, inc) FN fn; INTEGER inc; { int frmin; FN frmout; frmin = 51 * ((fn.t3 - fn.t2) MOD 26) + fn.t3 + 1326 * fn.t1_ ; frmout.t1_ = ((frmin + inc) DIV 1326) MOD 32; frmout.t2 = (frmin + inc) MOD 26; frmout.t3 = (frmin + inc) MOD 51; return (frmout); } </pre> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|------------------------------------|
| Operation Name: | OC_GetSCTimeStamp(timezone:TZONES) |
| Result Type: | TPSCTS |
| Comments: | TPSCTS is HEXSTRING[14] |
| Description | |
| <p>This Operation provides the hexstring containing the service center time stamp (SCTS) according to GSM 03.40, clauses 9.2.2.1 and 9.2.3.11. The TSO reads the current time of the test systems clock and transforms the time in combination with the input parameter 'timezone' into a service center time stamp.</p> <p>Example: 1996 April 18, 15:32:46, timezone=4 OC_GetSCTimeStamp returns 69408151236440</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OC_IncTmsi(tmsi:TMSI_V; inc:OCTETSTRING) |
| Result Type: | TMSI_V |
| Comments: | the `tmsi` is 4 OCTETs long |
| Description | |
| <p>OC_IncTmsi operation adds the two input parameters and returns the result. An overflow of addition is allowed.</p> <p>For example :</p> <pre> OC_IncTmsi('33542140'O + '01'O) = '33542141'O; OC_IncTmsi('21322140'O + '08'O) = '21322148'O. </pre> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OC_InRang(tx: INTEGER; maxret:INTEGER; m: INTEGER) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| The operation returns TRUE if $(m \text{ DIV } (\maxret * ((230+\maxret -1)/\maxret)))$ is inside the following interval: $[0.8 - ((tx+1)/2) \text{ DIV } tx; 1.2 - ((tx+1)/2) \text{ DIV } tx]$ | |
| where / is integer division, DIV is float division, m, tx and maxret are input parameters of the operation. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------------------------------|
| Operation Name: | OC_IntToOct(n:INTEGER; l: INTEGER) |
| Result Type: | OCTETSTRING |
| Comments: | |
| Description | |
| OC_IntToOct converts the INTEGER `n` into OCTETSTRING with length = `l`. | |
| for example: | |
| OC_IntToOct(14,1) = '0E'O; | |
| OC_IntToOct(18,1) = '12'O; | |
| OC_IntToOct(18,2) = '0012'O. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OC_LeastBits(bstring:BITSTRING; lg:INTEGER) |
| Result Type: | BITSTRING |
| Comments: | |
| Description | |
| OC_LeastBits operation returns the `lg` least significant bits of the original `bstring`. | |
| for example: | |
| OC_LeastBits('110011000101010'B, 3) = '010'B, | |
| OC_LeastBits('110011000101010'B, 6) = '101010'B. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---------------------------------|
| Operation Name: | OC_LengthOf(identity_field :MI) |
| Result Type: | INTEGER |
| Comments: | |
| Description | |
| OC_LengthOf operation returns the actual length of the `identity_field`, the unit of length is in OCTET. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|-----------------------------|
| Operation Name: | OC_LengthOfBCDN(bcdn :BCDN) |
| Result Type: | INTEGER |
| Comments: | |
| Description | |
| OC_LengthOfBCDN operation returns the actual length of an IE of type BCDN `bcdn`, the unit of length is in OCTET. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------------------------------|
| Operation Name: | OC_LengthOfComp(comp: Component_T) |
| Result Type: | LENGTH |
| Comments: | |
| Description | |
| OC_LengthOfComp operation returns the actual length of the Component_T `comp`, the unit of length is in OCTET. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------------------------------|
| Operation Name: | OC_LengthOfComp1(comp: Components) |
| Result Type: | LENGTH |
| Comments: | |
| Description | |
| OC_LengthOfComp1 operation returns the actual length of the Components `comp`, the unit of length is in OCTET. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------------------------------|
| Operation Name: | OC_LengthOfString(strg: IA5String) |
| Result Type: | INTEGER |
| Comments: | |
| Description | |
| OC_LengthOfString operation returns the actual length (number of characters) of the string `strg`. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OC_LookupS(t: INTEGER; combined :BOOLEAN) |
| Result Type: | INTEGER |
| Comments: | the algorithm is derived from Table 3.1/GSM 04.08 for values of parameter S. |
| Description | |
| This operation returns an INTEGER according the following algorithm: | |
| <pre>OC_LookupS(t, comb) INTEGER t; BOOLEAN combined; { switch (t) { case 3: case 8: case 14: case 50: if (combined) then return(41) else return(55); break; case 4: case 9: case 16: if (combined) then return(52) else return(76); break; case 5: case 10: case 20: if (combined) then return(58) else return(109); break; case 6: case 11: case 25: if (combined) then return(86) else return(163); break; case 7: case 12: case 32: if (combined) then return(115) else return(217); break; } }</pre> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OC_MostBits(bstring:BITSTRING; lg :INTEGER) |
| Result Type: | BITSTRING |
| Comments: | |
| Description | |
| OC_MostBits operation returns the `lg` most significant bits of the original `bstring`. | |
| for example: | |
| OC_LeastBits('110011000101010'B, 3) = '110'B, OC_LeastBits('110011000101010'B, 6) = '110011'B. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OC_MsrReptChk(msrres: MSRR; index:INTEGER) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| OC_MsrReptChk operation checks whether the received measurement report contains correct values: | |
| <p>1. when the `index` = 1:</p> <pre> if set { { msrres.bcchfrq_nc1, msrres.bsic_nc1}, { msrres.bcchfrq_nc2, msrres.bsic_nc2}, { msrres.bcchfrq_nc3, msrres.bsic_nc3}, { msrres.bcchfrq_nc4, msrres.bsic_nc4}, { msrres.bcchfrq_nc5, msrres.bsic_nc5}, { msrres.bcchfrq_nc6, msrres.bsic_nc6} } equals to set { {'00000'B, '001011'B}, {'01111'B, '001001'B}, {'10101'B, '001011'B}, {'10110'B, '001101'B}, {'11100'B, '001111'B}, {'11111'B, '001001'B} } then the operation returns TRUE otherwise FALSE.</pre> | |
| <p>2. when the `index` = 2:</p> <pre> if set { { msrres.bcchfrq_nc1, msrres.bsic_nc1}, { msrres.bcchfrq_nc2, msrres.bsic_nc2}, { msrres.bcchfrq_nc3, msrres.bsic_nc3}, { msrres.bcchfrq_nc4, msrres.bsic_nc4}, { msrres.bcchfrq_nc5, msrres.bsic_nc5}, { msrres.bcchfrq_nc6, msrres.bsic_nc6} } equals to set { {'00000'B, '001011'B}, {'00100'B, '001001'B}, {'00110'B, '001011'B}, {'00101'B, '001101'B}, {'00010'B, '001111'B}, {'00111'B, '001001'B} } then the operation returns TRUE otherwise FALSE.</pre> | |
| <p>3. when the `index` = 3:</p> <pre> if set { { msrres.bcchfrq_nc1, msrres.bsic_nc1}, { msrres.bcchfrq_nc2, msrres.bsic_nc2}, { msrres.bcchfrq_nc3, msrres.bsic_nc3}, { msrres.bcchfrq_nc4, msrres.bsic_nc4}, { msrres.bcchfrq_nc5, msrres.bsic_nc5}, { msrres.bcchfrq_nc6, msrres.bsic_nc6} } equals to set { {'00001'B, '001011'B}, {'00101'B, '001001'B}, {'00111'B, '001011'B}, {'00110'B, '001101'B}, {'00011'B, '001111'B}, {'01000'B, '001001'B} } then the operation returns TRUE otherwise FALSE.</pre> | |
| <p>4. when the `index` = 4 :</p> <pre> if set { { msrres.bcchfrq_nc1, msrres.bsic_nc1}, { msrres.bcchfrq_nc2, msrres.bsic_nc2}, { msrres.bcchfrq_nc3, msrres.bsic_nc3}, { msrres.bcchfrq_nc4, msrres.bsic_nc4}, } equals to set { {'00000'B, '001011'B}, {'00010'B, '001111'B}, {'00001'B, '001111'B}, {'00011'B, '001001'B} } then the operation returns TRUE otherwise FALSE.</pre> | |
| <p>5. when the `index` = 5 :</p> <pre> if set { { msrres.bcchfrq_nc1, msrres.bsic_nc1}, { msrres.bcchfrq_nc2, msrres.bsic_nc2}, { msrres.bcchfrq_nc3, msrres.bsic_nc3}, { msrres.bcchfrq_nc4, msrres.bsic_nc4}, } equals to set { {'00000'B, '001011'B}, {'00010'B, '001111'B}, {'00001'B, '001111'B}, {'00100'B, '001001'B} } then the operation returns TRUE otherwise FALSE.</pre> | |

6. when the `index` = 6:
if set { { msrres.bcchfrq_nc1, msrres.bsic_nc1}, { msrres.bcchfrq_nc2, msrres.bsic_nc2},
 { msrres.bcchfrq_nc3, msrres.bsic_nc3}, { msrres.bcchfrq_nc4, msrres.bsic_nc4},
 { msrres.bcchfrq_nc5, msrres.bsic_nc5}, { msrres.bcchfrq_nc6, msrres.bsic_nc6}
 }
equals to
set { {'00000'B, '001011'B}, {'00011'B, '001001'B},
 {'00100'B, '001011'B}, {'00101'B, '001101'B},
 {'00110'B, '001111'B}, {'00111'B, '001001'B}
 }
then the operation returns TRUE otherwise FALSE.
7. when the `index` = 7:
if set { { msrres.bcchfrq_nc1, msrres.bsic_nc1}, { msrres.bcchfrq_nc2, msrres.bsic_nc2},
 { msrres.bcchfrq_nc3, msrres.bsic_nc3}, { msrres.bcchfrq_nc4, msrres.bsic_nc4},
 { msrres.bcchfrq_nc5, msrres.bsic_nc5}, { msrres.bcchfrq_nc6, msrres.bsic_nc6}
 }
equals to
set { {'00000'B, '001011'B}, {'00100'B, '001001'B},
 {'00110'B, '001011'B}, {'00101'B, '001101'B},
 {'00010'B, '001111'B}, {'00111'B, '001001'B}
 }
then the operation returns TRUE otherwise FALSE.
8. when the `index` = 8 :
if set { { msrres.bcchfrq_nc1, msrres.bsic_nc1}, { msrres.bcchfrq_nc2, msrres.bsic_nc2}
 }
equals to
set { {'00000'B, '001011'B}, {'00010'B, '001101'B}
 }
then the operation returns TRUE otherwise FALSE.
9. when the `index` = 9 :
if set { { msrres.bcchfrq_nc1, msrres.bsic_nc1}, { msrres.bcchfrq_nc2, msrres.bsic_nc2}
 }
equals to
set { {'00110'B, '001011'B}, {'00111'B, '001101'B}
 }
then the operation returns TRUE otherwise FALSE.
10. when the `index` = 10 :
if set { { msrres.bcchfrq_nc1, msrres.bsic_nc1}, { msrres.bcchfrq_nc2, msrres.bsic_nc2}
 }
equals to
set { {'00011'B, '001011'B}, {'00101'B, '001101'B}
 }
then the operation returns TRUE otherwise FALSE.

Detailed Comments:

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OC_OeBit(bcddigits:HEXSTRING) |
| Result Type: | BITSTRING |
| Comments: | The input parameter `bcddigits` is really BCD string (subset of HEXSTRING), the result is BITSTRING[1]. |
| Description | |
| The function of the OC_OeBit is as the following: | |
| <ol style="list-style-type: none"> 1. it returns '1'B, if the length of the `bcddigits` is odd, 2. it returns '0'B, if the length of the `bcddigits` is even. | |
| for example: | |
| OC_OeBit('12583') = '1'B, | |
| OC_OeBit('87259957') = '0'B. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--------------------------------|
| Operation Name: | OC_OctToInt(ostr: OCTETSTRING) |
| Result Type: | INTEGER |
| Comments: | |
| Description | |
| OC_OctToInt converts the OCTETSTRING `ostr` into INTEGER. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-------------------------------------|
| Operation Name: | OC_OctToInvokeIDType(o:OCTETSTRING) |
| Result Type: | InvokeIDType |
| Comments: | |
| Description | |
| OC_OctToInvokeIDType converts the OCTETSTRING `o` into InvokeIDType, with the MSB of `o` representing the negative value $-2^{\exp(n-1)}$, for example '80'O->'10000000'B-> -128. The rest of the bits can code positive values up to $+2^{\exp(n-2)-1}$, for example '4F'O->'01111111'B-> +127. | |
| for example: | |
| OC_OctToInvokeIDType('80'O) = -128; | |
| OC_OctToInvokeIDType('81'O) = -128+1 = -127; | |
| OC_OctToInvokeIDType('40'O) = +64. | |
| OC_OctToInvokeIDType('7F'O) = +127. | |
| OC_OctToInvokeIDType('C0'O) = -128+64 = -64. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OC_OtherDigi(bcddigits:HEXSTRING) |
| Result Type: | OCTETSTRING |
| Comments: | The input parameter `bcddigits` is really BCD string (subset of HEXSTRING), the result is an even BCD digits except that the next to last may either be 'F'H or a BCD digit. |
| Description | |
| <p>The function of the OC_OtherDigi is as the following:</p> <ol style="list-style-type: none"> 1. If the number of the `bcddigits` is odd, the operation removes the most significant digit, and then reverses the order of each pair of digits; 2. If the number of the `bcddigits` is even, first the operation suffixes the `bcddigits` with 'F'H, then removes the most significant digit, and then reverses the order of each pair of digits. <p>for example:</p> <p>OC_OtherDigi('12345') = '3254', OC_OtherDigi('12345678') = '325476F8'.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OC_PosinSet(set: Components; comp: Component) |
| Result Type: | INTEGER |
| Comments: | |
| Description | |
| <p>The operation OC_PosinSet returns the position of component `comp` within the SET `set` .</p> <p>for example:</p> <p>if the set = { registerSSComponents, eraseSSComponents, activateSSComponents, deactivateSSComponents }</p> <p>OC_PosinSet(set, registerSSComponents) = 0, OC_PosinSet(set, activateSSComponents) = 2.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OC_RachSlots(fn1:FN; fn2:FN; cmbn: BOOLEAN; mode:INTEGER) |
| Result Type: | INTEGER |
| Comments: | |
| Description | |
| <p>OC_RachSlots calculates the number of RACH slots between frame number `fn1` and `fn2` excluding the slots in `fn1` and `fn2`, then return the result of the calculation.</p> <p>If mode=0, 'fn1' denotes the (first) frame number for sending Paging Request, while 'fn2' denotes the (first) frame number for the received Channel Request. If mode=1 'fn1' and 'fn2' denote the (first) frame number for the received two subsequent Channel Requests. Any other values for mode is not allowed.</p> <p>Since the number of RACH slots depends on the RACH being combined or not with dedicated channels, the parameter 'cmbn' is needed: TRUE --> combined, FALSE--> not combined.</p> <p>It is assumed that the distance between fn1 and fn2 is not more than one group of 42432 TDMA frames (modulo 42432 is used to calculate t1' of fn1 and fn2). This is equivalent to approximately 196 seconds. The 51 TDMA frames in a multiframe are numbered 0 to 50.</p> <p>fn1' := fn1 mod 51 fn2' := fn2 mod 51</p> <p>CASE 1: cmbn is FALSE ('not combined')</p> <p>When 'not combined', all slots are RACH slots.</p> <p>1.1 mode=0 (sending paging message at fn1) The paging uses the numbered frames 6 - 9, 12 -19, 22-29, 32-39 and 42-49.</p> <p>1.1.1 If fn1 is not in the paging TDMA frame mapping, it leads testing to a test system error. IF (fn1' < 6) OR (9 < fn1' < 12) OR (19 < fn1' < 22) OR (29 < fn1' < 32) OR (39 < fn1' < 42) OR (fn1' >49), A test system error! The calling test case shall re-run again. OTHERWISE</p> <p>1.1.2 The number of RACH slots is equal to the number of frames between fn1 + 3 and fn2. The fn1 is added by 3 because a page message occupies 4 slots. The fn1 indicates the first slot of the paging message. IF (fn1 + 3) < fn2, OC_RachSlots := fn2 - (fn1 + 3) -1 = fn2 - fn1 - 4,</p> <p>1.1.3 If fn1+3 is equal to or greater than fn2, then this is due to fn2 being in the next group of 42432 frames. In this case 42432 frames have to be added. IF fn2 <= (fn1 + 3), OC_RachSlots := fn2 -fn1 - 3 + 42432 -1 = fn2 -fn1 + 42428</p> <p>1.2 mode=1 (receiving channel request at fn1) The number of RACH slots is equal to the number of frames between fn1 and fn2</p> <p>1.2.1 IF fn1 < fn2, OC_RachSlots := fn2 - fn1 - 1, 1.2.2 IF fn2 <= fn1, OC_RachSlots := fn2 -fn1 + 42432 -1 = fn2 -fn1 + 42431</p> <p>CASE 2: cmbn is TRUE ('combined')</p> <p>When combined only the slots of the numbered frames 4, 5, 14 to 36, 45 and 46 in each multiframe are RACH slots, i.e. total 27 frames per multiframe.</p> <p>2.1 mode=0 (sending paging message at fn1) The paging uses the numbered frames 6 - 9 and 12 -19.</p> <p>2.1.1 If fn1 is not in the paging TDMA frame mapping, it leads testing to a test system error. If fn2 is not in the RACH TDMA frame mapping, it leads testing to fail. IF (fn2' < 4) OR (5 < fn2' < 14) OR (36 < fn2' < 45) OR (fn2' > 46), OC_RachSlots := -9999 IF (fn1' < 6) OR (9 < fn1' < 12) OR (fn1' >19), A test system error! The calling test case shall re-run again. OTHERWISE</p> <p>2.1.2 Calculation of the number 'c' multiframes between fn1 + 3 and fn2. If fn1 + 3 is equal to or greater than fn2, then this is due to fn2 being in the next group of 42432 frames. In this case 42432 frames have to be added. '/' shall be the integer division, i.e. the result is also integer. Fractions are discarded.</p> <p>2.1.2.1 IF (fn1 + 3) < fn2, c := fn2 / 51 - (fn1 + 3) / 51 2.1.2.2 IF fn2 <= (fn1 + 3), c := fn2 / 51 - (fn1 + 3) / 51 + 42432 / 51 = fn2 / 51 - (fn1 + 3) / 51 + 832</p> <p>2.1.3 Calculation of the number of frames 'a' to be subtracted according to the position of fn1' within the multiframe IF (5 < fn1' < 9) , a := 2</p> | |

| |
|--|
| <p>IF (fn1' =9), a := 3 IF (11 < fn1' < 20), a := fn1' - 8</p> <p>2.2 mode=1 (receiving channel request at fn1)</p> <p>2.2.1 If fn1 or fn2 are not in the RACH TDMA frame mapping, it leads testing to fail. IF (fn2' < 4) OR (5 < fn2' < 14) OR (36 < fn2' < 45) OR (fn2' > 46) OR (fn1' < 6) OR (9 < fn1' < 12) OR (fn1' > 19), OC_RachSlots := -9999</p> <p>2.2.2 Calculation of the number 'c' multiframes between fn1 and fn2 2.2.2.1 IF fn1 < fn2, c := fn2 / 51 - fn1 / 51 2.2.2.2 IF fn2 <= fn1 c := fn2 / 51 - fn1 / 51 + 42432 / 51 = fn2 / 51 - fn1 / 51 + 832</p> <p>2.2.3 Calculation of the number of frames 'a' to be subtracted according to the position of fn1' within the multiframe IF (3 < fn1' < 6.), a:= fn1' - 3 IF (13 < fn1' < 37), a:= fn1' - 11 IF (44 < fn1' < 47), a:= fn1' - 19</p> <p>2.3 Calculation of the number of slots 'b' to be added according to the position of fn2' within the multiframe IF (3 < fn2' < 6.), b:= fn2' - 4 IF (13 < fn2' < 37), b:= fn2' - 12 IF (44 < fn2' < 47), b:= fn2' - 20</p> <p>2.4 Calculation of the number of RACH slots. There are 27 RACH slots in each multiframe. OC_RachSlots := 27 * c + b - a</p> <p>Detailed Comments: TC_26_2_1_1 uses mode=0. TC_26_2_1_2 uses mode=1.</p> |
|--|

| Test Suite Operation Definition | |
|--|-----------------------------------|
| Operation Name: | OC_Random(n1:INTEGER; n2:INTEGER) |
| Result Type: | INTEGER |
| Comments: | |
| Description | |
| This operation randomly returns one number from the following candidates: 'n1', 'n1'+1, ..., 'n2' | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OC_RcsdPresent(msg:MODIFY_PDU) |
| Result Type: | BOOLEAN |
| Comments: | To check if RCSD IE is present or not in Modify PDU |
| Description | |
| IF RCSD IE is present in the PDU passed on input parameter return TRUE ELSE return FALSE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-------------------------|
| Operation Name: | OC_ReverseTfOfTi(ti:TI) |
| Result Type: | TI |
| Comments: | |
| Description | |
| This operation randomly returns a transaction identifier with the same transaction value as transaction identifier 'ti' but with the transaction flag reversed, i.e. new transaction flag is 0 if transaction flag of ti is 1 and viceversa. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OC_SaveAndProc1(val:INTEGER; mode :INTEGER; cnt:INTEGER; cmbnd:BOOLEAN) |
| Result Type: | BOOLEAN |
| Comments: | This operation is used for storing and analysing the CHANNEL REQUEST message distribution. |
| Description | |
| <p>The function of this operation is defined as an pseudo C code:</p> <pre> #define SAVE 0; #define PROC 1; OC_SaveAndProc(val, mode,cnt) INTEGER val, mode,cnt; BOOLEAN combined; { static INTEGER buf[200]; int i, j, n; if (mode == SAVE) { cnt = cnt mod 200; if (cmbnd == C_NotCombined) AND (val<(151 + 8)) then { buf[cnt] = val; return (TRUE); } if (cmbnd == C_Combined) AND (val<(81 + 8)) then { buf[cnt] = val; return (TRUE); } else return (FALSE); } if (mode == PROC) { for (i=0, i<200, i++) { n=0; for (j=0, j<200, j++) if (buf[j] == buf[i]) n = n+1; if (n > 41) return (FALSE); } return(TRUE); } } </pre> | |
| Detailed Comments: | <p>This test suite operation has two operation modes :</p> <ul style="list-style-type: none"> - when the mode is SAVE and the val is less than 89 for combined or 159 for non-combined, it saves the value val into internal buffer and returns TRUE, otherwise returns FALSE. 200 values will be stored in the internal buffer when the operation is invoked 200 times. - When the mode is PROC, it analyses the values stored in the internal buffer, if no more than 41 of them are equal the operation returns TRUE, otherwise returns FALSE. (i.e. for all n, $CARD\{ k f(k) = n \} \leq 41$) |

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OC_SaveAndProc3(val:BITSTRING; mode :INTEGER; cnt:INTEGER) |
| Result Type: | BOOLEAN |
| Comments: | This operation is used for storing and analysing the random reference. |
| Description | |
| <p>The function of this operation is defined as an pseudo C code:</p> <pre style="margin: 0;"> #define SAVE 0; #define PROC 1; OC_SaveAndProc(val, mode,cnt) BITSTRING[8] val; INTEGER mode,cnt; { static BITSTRING[8] buf[7]; int i, j, n=7; if (mode == SAVE) { cnt = cnt mod 7; buf[cnt] = val; return(TRUE); } if (mode == PROC) { for (i=0, i<6, i++) { for (j=i+1, j<7, j++) if (buf[j] == buf[i]) { n = n-1; break; } } if (n>=4) then return(TRUE) else return (FALSE); } } </pre> | |
| Detailed Comments: | <p>The function of this test suite operation is :</p> <ul style="list-style-type: none"> - it saves the value val into internal buffer when the mode = SAVE. 7 values will be stored in the internal buffer when the operation is invoked 7 times. - it compares the values stored in the internal buffer when the mode = PROC, if 4 or more than 4 of them are different the operation returns TRUE, otherwise returns FALSE. |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OC_SaveAndRetrv(val:RQR; mode, idx, ex: INTEGER) |
| Result Type: | RQR |
| Comments: | This operation is used for storing and retrieving the random reference. |
| Description | |
| <p>The function of this test suite operation is (in prose):</p> <ul style="list-style-type: none"> - it saves the value val into internal buffer buf[idx] when the mode = SAVE and ex = 0. Maximum 9 values can be stored. The idx is ranged between 1-9. - it returns the value stored in the internal buffer buf[idx] when the mode = RETRV and ex = 0. - it returns a value which is different from any value stored in the buf and also different from any values which have been returned by the consecutive invocation of this operation with ex <> 0, if ex <> 0. The idx is ranged between 10-13. <p>The function of this operation is defined as an pseudo C code:</p> <pre> #define SAVE 0; #define RETRV 1; OC_SaveAndRetrv(val, mode, idx, ex) RQR val; INTEGER mode, idx, ex; { int i, j; static RQR buf[14]; if ((mode == SAVE) AND (ex == 0)) { buf[idx] = val; buf[10].ra = '00000000'B; buf[10].fn = '00'O; buf[11].ra = '00000000'B; buf[11].fn = '00'O; buf[12].ra = '00000000'B; buf[12].fn = '00'O; buf[13].ra = '00000000'B; buf[13].fn = '00'O; return (buf[10]); } if ((mode == RETRV) AND (ex == 0)) return (buf[idx]); if (ex != 0) { buf[0].ra = buf[1].ra + '00000001'B; buf[0].fn = buf[1].fn; for (j=1, j < 13, j++) { for (i=1, i < 14, i++) if (buf[0] == buf[i]) { buf[0].ra = buf[i].ra + '00000001'B; break; } } if (i == 14) { buf[idx].ra = buf[0].ra; return (buf[0]); } } buf[idx].ra = buf[j].ra+'00000001'B; return (buf[idx]); } </pre> | |
| Detailed Comments: | <p>0. The pseudo C code gives one of the possible implementations for the OC description in prose.</p> <p>1. '00'O should be understood as equivalence of Fn_01, a TTCN structured type constraint.</p> <p>2. The OC can save maximum 13 RQR values. In SAVE mode, idx is ranged between 1-9.</p> |

3. For $ex < > 0$, there are maximum 13 scans. In each scan a new value is assigned to `buf[0].ra`. If there is a 'non-match' in one of the 13 scans the `buf[0]` is returned. In case of 'all-match' for the 13 scans, the pair of `(buf[i].ra + '00000001')` at the last scan, `buf[idx].fn` is returned (`idx` is ranged between 10 - 13).

| Test Suite Operation Definition | |
|--|-------------------------------------|
| Operation Name: | OC_StartTime(frmn:FN; t, i:INTEGER) |
| Result Type: | STRT |
| Comments: | |
| Description | |
| <p>OC_StartTime operation generates the STARTING TIME IE according to the input parameters.</p> <p>(* frmn is the current frame number, t is the "delay" in applying the new frequencies, i is the contents of the starting time IE. *)</p> <pre> OC_StartTime(frmn, t, i) INTEGER t, i; FN frmn; { int tmp; STRT strt; tmp = 51 * ((frmn.t3 - frmn.t2) MOD 26) + frmn.t3 + 1326 * frmn.t1_ ; tmp = (tmp + t) MOD 42432; strt.fn.t1_ = (tmp DIV 1326) MOD 32; strt.fn.t2 = tmp MOD 26; strt.fn.t3 = tmp MOD 51; strt.iei = OMIT; if (i == 1) strt.iei := '01111100'B /* if i=1 the information element identifier shall be included \ </pre> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OC_SubOctet(src:OCTETSTRING; len :INTEGER) |
| Result Type: | OCTETSTRING |
| Comments: | |
| Description | |
| <p>OC_SubOctet(src, len) is the octetstring of length `len` starting from the leftmost position of the source octetstring `src`.</p> <p>For example : OC_SubOctet('123456789ABCDEF'O, 4) = '12345678'O</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OC_SubchOfFacch(subch: EXTB; cell: CellID; inst: INTEGER) |
| Result Type: | LOGICCH |
| Comments: | subch is of type BITSTRING[1] |
| Description | |
| <p>OC_SubchOfFacch operation returns a logic channel identifier for FACCH subchannel indicated by the input parameters 'subch', 'cell' and 'inst', where 'subch' is the subchannel number, 'cell' is the cell identifier which the channel belongs to, 'inst' is the instance of the channel.</p> <p>for example:</p> <p>OC_SubchOfFacch('0'B, C_CellA, 1) = C_FACCH0_A_1; OC_SubchOfFacch('1'B, C_CellA, 1) = C_FACCH1_A_1; OC_SubchOfFacch('0'B, C_CellB, 1) = C_FACCH0_B_1; OC_SubchOfFacch('1'B, C_CellB, 1) = C_FACCH1_B_1.</p> <p>pseudo C code definition for the operation as following :</p> <pre> OC_SubchOfFacch(subch, cell, inst) BITSTRING subch; CellID cell; INTEGER inst; { LOGICCH logch; if (subch=='0'B && cell == C_CellA) switch (inst) { case 1 : logch = C_FACCH0_A_1; break; case 2 : logch = C_FACCH0_A_2; break; case 3 : logch = C_FACCH0_A_3; break; } if (subch=='0'B && cell == C_CellB) switch (inst) { case 1 : logch = C_FACCH0_B_1; break; case 2 : logch = C_FACCH0_B_2; break; case 3 : logch = C_FACCH0_B_3; break; } if (subch=='0'B && cell == C_CellC) switch (inst) { case 1 : logch = C_FACCH0_C_1; break; case 2 : logch = C_FACCH0_C_2; break; case 3 : logch = C_FACCH0_C_3; break; } if (subch=='1'B && cell == C_CellA) switch (inst) { case 1 : logch = C_FACCH1_A_1; break; case 2 : logch = C_FACCH1_A_2; break; case 3 : logch = C_FACCH1_A_3; break; } if (subch=='1'B && cell == C_CellB) switch (inst) { case 1 : logch = C_FACCH1_B_1; break; case 2 : logch = C_FACCH1_B_2; break; case 3 : logch = C_FACCH1_B_3; break; } if (subch=='1'B && cell == C_CellC) switch (inst) { case 1 : logch = C_FACCH1_C_1; break; case 2 : logch = C_FACCH1_C_2; break; } } </pre> | |

```
    case 3 : logch = C_FACCHH1_C_3; break;
  }
  return(logch);
}
```

Detailed Comments:

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OC_SubchOfSacchh(subch: EXTB; cell:CellID; inst:INTEGER) |
| Result Type: | LOGICCH |
| Comments: | subch is of type BITSTRING[1] |
| Description | |
| <p>OC_SubchOfSacchh operation returns a logic channel identifier for SACCHH subchannel indicated by the input parameters `subch`, `cell` and `inst`, where `subch` is the subchannel number, `cell` is the cell identifier which the channel belongs to, `inst` is the instance of the channel.</p> <p>for example:</p> <p>OC_SubchOfSacchh('0'B, C_CellA, 1) = C_SACCHH0_A_1; OC_SubchOfSacchh('1'B, C_CellA, 1) = C_SACCHH1_A_1; OC_SubchOfSacchh('0'B, C_CellB, 1) = C_SACCHH0_B_1; OC_SubchOfSacchh('1'B, C_CellB, 1) = C_SACCHH1_B_1.</p> <p>pseudo C code definition for the operation as following :</p> <pre> OC_SubchOfSacchh(subch, cell, inst) BITSTRING subch; CellID cell; INTEGER inst; { LOGICCH logch; if (subch=='0'B && cell == C_CellA) switch (inst) { case 1 : logch = C_SACCHH0_A_1; break; case 2 : logch = C_SACCHH0_A_2; break; case 3 : logch = C_SACCHH0_A_3; break; } if (subch=='0'B && cell == C_CellB) switch (inst) { case 1 : logch = C_SACCHH0_B_1; break; case 2 : logch = C_SACCHH0_B_2; break; case 3 : logch = C_SACCHH0_B_3; break; } if (subch=='0'B && cell == C_CellC) switch (inst) { case 1 : logch = C_SACCHH0_C_1; break; case 2 : logch = C_SACCHH0_C_2; break; case 3 : logch = C_SACCHH0_C_3; break; } if (subch=='1'B && cell == C_CellA) switch (inst) { case 1 : logch = C_SACCHH1_A_1; break; case 2 : logch = C_SACCHH1_A_2; break; case 3 : logch = C_SACCHH1_A_3; break; } if (subch=='1'B && cell == C_CellB) switch (inst) { case 1 : logch = C_SACCHH1_B_1; break; case 2 : logch = C_SACCHH1_B_2; break; case 3 : logch = C_SACCHH1_B_3; break; } if (subch=='1'B && cell == C_CellC) switch (inst) { case 1 : logch = C_SACCHH1_C_1; break; case 2 : logch = C_SACCHH1_C_2; break; } } </pre> | |

| |
|--|
| <pre> case 3 : logch = C_SACCHH1_C_3; break; } return(logch); } </pre> |
| Detailed Comments: |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OC_SubchOfSacch4(subch: BITSTRING; cell:CellID) |
| Result Type: | LOGICCH |
| Comments: | |
| Description | |
| <p>OC_SubchOfSacch4 operation returns a logic channel identifier for SACCHC4 subchannel indicated by the input parameters `subch` and `cell`, where `subch` is the TDMA offset, `cell` is the cell identifier which the channel belongs to.</p> <p>for example:</p> <pre> OC_SubchOfSacch4('00'B, C_CellA) = C_SACCHC40_A; OC_SubchOfSacch4('01'B, C_CellA) = C_SACCHC41_A; OC_SubchOfSacch4('10'B, C_CellA) = C_SACCHC42_A; OC_SubchOfSacch4('11'B, C_CellA) = C_SACCHC43_A; OC_SubchOfSacch4('00'B, C_CellB) = C_SACCHC40_B; OC_SubchOfSacch4('01'B, C_CellB) = C_SACCHC41_B. </pre> <p>pseudo C code definition for the operation as following :</p> <pre> OC_SubchOfSacch4(subch, cell) BITSTRING subch; CellID cell; { LOGICCH logch; if (cell == C_CellA) switch (subch) { case '00'B : logch = C_SACCHC40_A; break; case '01'B : logch = C_SACCHC41_A; break; case '10'B : logch = C_SACCHC42_A; break; case '11'B : logch = C_SACCHC43_A; break; } if (cell == C_CellB) switch (subch) { case '00'B : logch = C_SACCHC40_B; break; case '01'B : logch = C_SACCHC41_B; break; case '10'B : logch = C_SACCHC42_B; break; case '11'B : logch = C_SACCHC43_B; break; } if (cell == C_CellC) switch (subch) { case '00'B : logch = C_SACCHC40_C; break; case '01'B : logch = C_SACCHC41_C; break; case '10'B : logch = C_SACCHC42_C; break; case '11'B : logch = C_SACCHC43_C; break; } return(logch); } </pre> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OC_SubchOfSacch8(subch: B_3; cell:CellID; inst:INTEGER) |
| Result Type: | LOGICCH |
| Comments: | offset is of type BITSTRING[3] |
| Description | |
| <p>OC_SubchOfSacch8 operation returns a logic channel identifier for SACCH8 subchannel indicated by the input parameters `subch`, `cell` and `inst`, where `subch` is the TDMA offset, `cell` is the cell identifier which the channel belongs to, `inst` is the instance of the channel.</p> <p>for example:</p> <pre> OC_SubchOfSacch8('000'B, C_CellA, 1) = C_SACCHC80_A_1; OC_SubchOfSacch8('001'B, C_CellA, 1) = C_SACCHC81_A_1; OC_SubchOfSacch8('010'B, C_CellA, 1) = C_SACCHC82_A_1; OC_SubchOfSacch8('011'B, C_CellA, 1) = C_SACCHC83_A_1; OC_SubchOfSacch8('100'B, C_CellA, 1) = C_SACCHC84_A_1; OC_SubchOfSacch8('101'B, C_CellA, 1) = C_SACCHC85_A_1; OC_SubchOfSacch8('110'B, C_CellA, 1) = C_SACCHC86_A_1; OC_SubchOfSacch8('111'B, C_CellA, 1) = C_SACCHC87_A_1; OC_SubchOfSacch8('000'B, C_CellB, 1) = C_SACCHC80_B_1; OC_SubchOfSacch8('001'B, C_CellB, 1) = C_SACCHC81_B_1; OC_SubchOfSacch8('000'B, C_CellC, 2) = C_SACCHC80_C_2; OC_SubchOfSacch8('001'B, C_CellC, 2) = C_SACCHC81_C_2.</pre> <p>pseudo C code definition for the operation as following :</p> <pre> OC_SubchOfSacch8(subch, cell, inst) BITSTRING subch; CellID cell; INTEGER inst; { LOGICCH logch; if (inst==1 && cell == C_CellA) switch (subch) { case '000'B : logch = C_SACCHC80_A_1; break; case '001'B : logch = C_SACCHC81_A_1; break; case '010'B : logch = C_SACCHC82_A_1; break; case '011'B : logch = C_SACCHC83_A_1; break; case '100'B : logch = C_SACCHC84_A_1; break; case '101'B : logch = C_SACCHC85_A_1; break; case '110'B : logch = C_SACCHC86_A_1; break; case '111'B : logch = C_SACCHC87_A_1; break; } if (inst==2 && cell == C_CellA) switch (subch) { case '000'B : logch = C_SACCHC80_A_2; break; case '001'B : logch = C_SACCHC81_A_2; break; case '010'B : logch = C_SACCHC82_A_2; break; case '011'B : logch = C_SACCHC83_A_2; break; case '100'B : logch = C_SACCHC84_A_2; break; case '101'B : logch = C_SACCHC85_A_2; break; case '110'B : logch = C_SACCHC86_A_2; break; case '111'B : logch = C_SACCHC87_A_2; break; } if (inst==3 && cell == C_CellA) switch (subch) { case '000'B : logch = C_SACCHC80_A_3; break; case '001'B : logch = C_SACCHC81_A_3; break; case '010'B : logch = C_SACCHC82_A_3; break; case '011'B : logch = C_SACCHC83_A_3; break; case '100'B : logch = C_SACCHC84_A_3; break;</pre> | |

```

    case '101'B : logch = C_SACCHC85_A_3; break;
    case '110'B : logch = C_SACCHC86_A_3; break;
    case '111'B : logch = C_SACCHC87_A_3; break;
  }
if (inst==1 && cell == C_CellB)
  switch (subch)
  {
    case '000'B : logch = C_SACCHC80_B_1; break;
    case '001'B : logch = C_SACCHC81_B_1; break;
    case '010'B : logch = C_SACCHC82_B_1; break;
    case '011'B : logch = C_SACCHC83_B_1; break;
    case '100'B : logch = C_SACCHC84_B_1; break;
    case '101'B : logch = C_SACCHC85_B_1; break;
    case '110'B : logch = C_SACCHC86_B_1; break;
    case '111'B : logch = C_SACCHC87_B_1; break;
  }
if (inst==2 && cell == C_CellB)
  switch (subch)
  {
    case '000'B : logch = C_SACCHC80_B_2; break;
    case '001'B : logch = C_SACCHC81_B_2; break;
    case '010'B : logch = C_SACCHC82_B_2; break;
    case '011'B : logch = C_SACCHC83_B_2; break;
    case '100'B : logch = C_SACCHC84_B_2; break;
    case '101'B : logch = C_SACCHC85_B_2; break;
    case '110'B : logch = C_SACCHC86_B_2; break;
    case '111'B : logch = C_SACCHC87_B_2; break;
  }
if (inst==3 && cell == C_CellB)
  switch (subch)
  {
    case '000'B : logch = C_SACCHC80_B_3; break;
    case '001'B : logch = C_SACCHC81_B_3; break;
    case '010'B : logch = C_SACCHC82_B_3; break;
    case '011'B : logch = C_SACCHC83_B_3; break;
    case '100'B : logch = C_SACCHC84_B_3; break;
    case '101'B : logch = C_SACCHC85_B_3; break;
    case '110'B : logch = C_SACCHC86_B_3; break;
    case '111'B : logch = C_SACCHC87_B_3; break;
  }
if (inst==1 && cell == C_CellC)
  switch (subch)
  {
    case '000'B : logch = C_SACCHC80_C_1; break;
    case '001'B : logch = C_SACCHC81_C_1; break;
    case '010'B : logch = C_SACCHC82_C_1; break;
    case '011'B : logch = C_SACCHC83_C_1; break;
    case '100'B : logch = C_SACCHC84_C_1; break;
    case '101'B : logch = C_SACCHC85_C_1; break;
    case '110'B : logch = C_SACCHC86_C_1; break;
    case '111'B : logch = C_SACCHC87_C_1; break;
  }
if (inst==2 && cell == C_CellC)
  switch (subch)
  {
    case '000'B : logch = C_SACCHC80_C_2; break;
    case '001'B : logch = C_SACCHC81_C_2; break;
    case '010'B : logch = C_SACCHC82_C_2; break;
    case '011'B : logch = C_SACCHC83_C_2; break;
    case '100'B : logch = C_SACCHC84_C_2; break;
    case '101'B : logch = C_SACCHC85_C_2; break;
    case '110'B : logch = C_SACCHC86_C_2; break;
    case '111'B : logch = C_SACCHC87_C_2; break;
  }
if (inst==3 && cell == C_CellC)

```

```
switch (subch)
```

```
{  
  case '000'B : logch = C_SACCHC80_C_3; break;  
  case '001'B : logch = C_SACCHC81_C_3; break;  
  case '010'B : logch = C_SACCHC82_C_3; break;  
  case '011'B : logch = C_SACCHC83_C_3; break;  
  case '100'B : logch = C_SACCHC84_C_3; break;  
  case '101'B : logch = C_SACCHC85_C_3; break;  
  case '110'B : logch = C_SACCHC86_C_3; break;  
  case '111'B : logch = C_SACCHC87_C_3; break;  
}
```

```
return(logch);
```

```
}
```

Detailed Comments:

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OC_SubchOfSdcch4(subch: BITSTRING; cell: CellID) |
| Result Type: | LOGICCH |
| Comments: | |
| Description | |
| <p>OC_SubchOfSdcch4 operation returns a logic channel identifier for SDCCH4 subchannel indicated by the input parameters `subch` and `cell`, where `subch` is the TDMA offset, `cell` is the cell identifier which the channel belongs to.</p> <p>for example:</p> <pre> OC_SubchOfSdcch4('00'B, C_CellA) = C_SDCCH40_A; OC_SubchOfSdcch4('01'B, C_CellA) = C_SDCCH41_A; OC_SubchOfSdcch4('10'B, C_CellA) = C_SDCCH42_A; OC_SubchOfSdcch4('11'B, C_CellA) = C_SDCCH43_A; OC_SubchOfSdcch4('00'B, C_CellB) = C_SDCCH40_B; OC_SubchOfSdcch4('01'B, C_CellB) = C_SDCCH41_B.</pre> <p>pseudo C code definition for the operation as following :</p> <pre> OC_SubchOfSdcch4(subch, cell) BITSTRING subch; CellID cell; { LOGICCH logch; if (cell == C_CellA) switch (subch) { case '00'B : logch = C_SDCCH40_A; break; case '01'B : logch = C_SDCCH41_A; break; case '10'B : logch = C_SDCCH42_A; break; case '11'B : logch = C_SDCCH43_A; break; } if (cell == C_CellB) switch (subch) { case '00'B : logch = C_SDCCH40_B; break; case '01'B : logch = C_SDCCH41_B; break; case '10'B : logch = C_SDCCH42_B; break; case '11'B : logch = C_SDCCH43_B; break; } if (cell == C_CellC) switch (subch) { case '00'B : logch = C_SDCCH40_C; break; case '01'B : logch = C_SDCCH41_C; break; case '10'B : logch = C_SDCCH42_C; break; case '11'B : logch = C_SDCCH43_C; break; } return(logch); }</pre> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OC_SubchOfSdcch8(subch: B_3; cell:CellID; inst:INTEGER) |
| Result Type: | LOGICCH |
| Comments: | offset is of type BITSTRING[3] |
| Description | |
| <p>OC_SubchOfSdcch8 operation returns a logic channel identifier for SDCCH8 subchannel indicated by the input parameters `subch`, `cell` and `inst`, where `subch` is the TDMA offset, `cell` is the cell identifier which the channel belongs to, `inst` is the instance of the channel.</p> <p>for example:</p> <pre> OC_SubchOfSdcch8('000'B, C_CellA, 1) = C_SDCCH80_A_1; OC_SubchOfSdcch8('001'B, C_CellA, 1) = C_SDCCH81_A_1; OC_SubchOfSdcch8('010'B, C_CellA, 1) = C_SDCCH82_A_1; OC_SubchOfSdcch8('011'B, C_CellA, 1) = C_SDCCH83_A_1; OC_SubchOfSdcch8('100'B, C_CellA, 1) = C_SDCCH84_A_1; OC_SubchOfSdcch8('101'B, C_CellA, 1) = C_SDCCH85_A_1; OC_SubchOfSdcch8('110'B, C_CellA, 1) = C_SDCCH86_A_1; OC_SubchOfSdcch8('111'B, C_CellA, 1) = C_SDCCH87_A_1; OC_SubchOfSdcch8('000'B, C_CellB, 1) = C_SDCCH80_B_1; OC_SubchOfSdcch8('001'B, C_CellB, 1) = C_SDCCH81_B_1; OC_SubchOfSdcch8('000'B, C_CellC, 2) = C_SDCCH80_C_2; OC_SubchOfSdcch8('001'B, C_CellC, 2) = C_SDCCH81_C_2.</pre> <p>pseudo C code definition for the operation as following :</p> <pre> OC_SubchOfSdcch8(subch, cell, inst) BITSTRING subch; CellID cell; INTEGER inst; { LOGICCH logch; if (inst==1 && cell == C_CellA) switch (subch) { case '000'B : logch = C_SDCCH80_A_1; break; case '001'B : logch = C_SDCCH81_A_1; break; case '010'B : logch = C_SDCCH82_A_1; break; case '011'B : logch = C_SDCCH83_A_1; break; case '100'B : logch = C_SDCCH84_A_1; break; case '101'B : logch = C_SDCCH85_A_1; break; case '110'B : logch = C_SDCCH86_A_1; break; case '111'B : logch = C_SDCCH87_A_1; break; } if (inst==2 && cell == C_CellA) switch (subch) { case '000'B : logch = C_SDCCH80_A_2; break; case '001'B : logch = C_SDCCH81_A_2; break; case '010'B : logch = C_SDCCH82_A_2; break; case '011'B : logch = C_SDCCH83_A_2; break; case '100'B : logch = C_SDCCH84_A_2; break; case '101'B : logch = C_SDCCH85_A_2; break; case '110'B : logch = C_SDCCH86_A_2; break; case '111'B : logch = C_SDCCH87_A_2; break; } if (inst==3 && cell == C_CellA) switch (subch) { case '000'B : logch = C_SDCCH80_A_3; break; case '001'B : logch = C_SDCCH81_A_3; break; case '010'B : logch = C_SDCCH82_A_3; break; case '011'B : logch = C_SDCCH83_A_3; break; case '100'B : logch = C_SDCCH84_A_3; break; </pre> | |

```

    case '101'B : logch = C_SDCCH85_A_3; break;
    case '110'B : logch = C_SDCCH86_A_3; break;
    case '111'B : logch = C_SDCCH87_A_3; break;
  }
if (inst==1 && cell == C_CellB)
  switch (subch)
  {
    case '000'B : logch = C_SDCCH80_B_1; break;
    case '001'B : logch = C_SDCCH81_B_1; break;
    case '010'B : logch = C_SDCCH82_B_1; break;
    case '011'B : logch = C_SDCCH83_B_1; break;
    case '100'B : logch = C_SDCCH84_B_1; break;
    case '101'B : logch = C_SDCCH85_B_1; break;
    case '110'B : logch = C_SDCCH86_B_1; break;
    case '111'B : logch = C_SDCCH87_B_1; break;
  }
if (inst==2 && cell == C_CellB)
  switch (subch)
  {
    case '000'B : logch = C_SDCCH80_B_2; break;
    case '001'B : logch = C_SDCCH81_B_2; break;
    case '010'B : logch = C_SDCCH82_B_2; break;
    case '011'B : logch = C_SDCCH83_B_2; break;
    case '100'B : logch = C_SDCCH84_B_2; break;
    case '101'B : logch = C_SDCCH85_B_2; break;
    case '110'B : logch = C_SDCCH86_B_2; break;
    case '111'B : logch = C_SDCCH87_B_2; break;
  }
if (inst==3 && cell == C_CellB)
  switch (subch)
  {
    case '000'B : logch = C_SDCCH80_B_3; break;
    case '001'B : logch = C_SDCCH81_B_3; break;
    case '010'B : logch = C_SDCCH82_B_3; break;
    case '011'B : logch = C_SDCCH83_B_3; break;
    case '100'B : logch = C_SDCCH84_B_3; break;
    case '101'B : logch = C_SDCCH85_B_3; break;
    case '110'B : logch = C_SDCCH86_B_3; break;
    case '111'B : logch = C_SDCCH87_B_3; break;
  }
if (inst==1 && cell == C_CellC)
  switch (subch)
  {
    case '000'B : logch = C_SDCCH80_C_1; break;
    case '001'B : logch = C_SDCCH81_C_1; break;
    case '010'B : logch = C_SDCCH82_C_1; break;
    case '011'B : logch = C_SDCCH83_C_1; break;
    case '100'B : logch = C_SDCCH84_C_1; break;
    case '101'B : logch = C_SDCCH85_C_1; break;
    case '110'B : logch = C_SDCCH86_C_1; break;
    case '111'B : logch = C_SDCCH87_C_1; break;
  }
if (inst==2 && cell == C_CellC)
  switch (subch)
  {
    case '000'B : logch = C_SDCCH80_C_2; break;
    case '001'B : logch = C_SDCCH81_C_2; break;
    case '010'B : logch = C_SDCCH82_C_2; break;
    case '011'B : logch = C_SDCCH83_C_2; break;
    case '100'B : logch = C_SDCCH84_C_2; break;
    case '101'B : logch = C_SDCCH85_C_2; break;
    case '110'B : logch = C_SDCCH86_C_2; break;
    case '111'B : logch = C_SDCCH87_C_2; break;
  }
if (inst==3 && cell == C_CellC)

```

```

switch (subch)
{
  case '000'B : logch = C_SDCCH80_C_3; break;
  case '001'B : logch = C_SDCCH81_C_3; break;
  case '010'B : logch = C_SDCCH82_C_3; break;
  case '011'B : logch = C_SDCCH83_C_3; break;
  case '100'B : logch = C_SDCCH84_C_3; break;
  case '101'B : logch = C_SDCCH85_C_3; break;
  case '110'B : logch = C_SDCCH86_C_3; break;
  case '111'B : logch = C_SDCCH87_C_3; break;
}
return(logch);
}

```

Detailed Comments:

Test Suite Operation Definition

Operation Name: OC_TimingCHK(fn1, fn2:FN; time, tol, mode:INTEGER)
Result Type: BOOLEAN
Comments: Time unit is in ms.

Description

OC_TimingCHK operation checks if a certain event took place fulfilling the timing requirements described by the time, the tolerance, and the mode between the frame numbers fn1 and fn2 .

The frame numbers fn1 and fn2 are used to calculate the time elapsed:

First the number of frames between fn1 and fn2 is calculated. The frame numbers fn1 and fn2 can be calculated from T1' as frame numbers mod 42432 only (T1' is specified in GSM 04.08, e.g. in subclauses 10.5.2.30 or 10.5.2.38). Therefore the frames fn1 and fn2 must be either in the same group of 42432 frames or in adjacent groups of 42432 frames with a maximum distance of 42432 frames between them. This means that the calculation is correct if the time between fn1 and fn2 is less then 196 seconds (approximately). The number of frames between fn1 and fn2 is calculated by:

fn1 < fn2: $fn_delta := fn2 - fn1$

fn1 > fn2: $fn_delta := fn2 - fn1 + 42432$ (In that case fn2 is in the next group of 42432 frames),

One frame is equivalent to 4.615 ms, the time in ms between fn1 and fn2 is:

$time_delta := fn_delta * 4.615$

The time_delta is then compared with the requirements given by 'time', the tolerance 'tol' and the 'mode'.

The mode specifies how the tolerance parameters 'time' and 'tol' have to be interpreted:

mode = 0:

If the elapsed time is within 'time' the operation returns TRUE, otherwise it returns FALSE. The tolerance value is ignored.

The result of OC_TimingCHK is calculated by:

IF $time_delta \leq time$, OC_TimingCHK := TRUE

IF $time_delta > time$, OC_TimingCHK := FALSE

mode = 1:

The tolerance value is the time tolerance expressed in ms. If the elapsed time interval is within 'time' - 'tol' to 'time' + 'tol' the operation returns TRUE, otherwise it returns FALSE.

The result of OC_TimingCHK is calculated by:

IF $time - tol \leq time_delta \leq time + tol$, OC_TimingCHK := TRUE

IF $(time_delta < time - tol) \text{ OR } (time_delta > time + tol)$, OC_TimingCHK := FALSE

mode = 2:

The tolerance value is the the tolerance percentage relative to 'time'. If the time interval is within 'time' - 'tol' % to 'time' + 'tol' % the operation returns TRUE, otherwise it returns FALSE.

The result of OC_TimingCHK is calculated by:

IF $time * (1 - (tol/100)) \leq time_delta \leq time * (1 + (tol/100))$, OC_TimingCHK := TRUE

IF $(time_delta < time * (1 - (tol/100))) \text{ OR } (time_delta > time * (1 + (tol/100)))$, OC_TimingCHK := FALSE

Any other value for the mode shall leads OC_TimingCHK := FALSE.

Detailed Comments: In OC_TimingCHK, fn1 denotes
 (1) the first frame number for sending PhyInfo message or handover command message, or
 (2) the first frame number of the received handover access message.
 while fn2 denotes the first received frame number of the received handover complete message.
 The TSO is not implemented in the TTCN stand alone tester in the short term.

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OM_2Msgs(ch:LOGICCH; pgg:PGG; mode:SENDINGMODE) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| OM_2Msgs puts the layer 2 emulator into a special operation mode then returns. In this special mode the layer 2 emulator sends the next two consecutive messages in the following way: | |
| <ul style="list-style-type: none">- send the first message on the paging subchannel indicated by the `pgg` and `ch`; - if the `mode` = C_NxtButOne, send the second message in the next but one paging sub block;- if the `mode` = C_FmrAGB, send the second message in a former access grant block;- if the `mode` = C_BfReOcc, send the second message before the MS's original paging subchannel re-occurs but later than the next paging block of that CCCH (paging block not belong to the MS);- if the `mode` = C_NxtButOneNxt, nothing is sent in the next but one paging sub block, then send the second message in the next paging subblock of the MS's paging subchannel. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OM_Assoc(lgch1:LOGICCH; sublgch1:LOGICCH; sublgch2:LOGICCH; sublgch3:LOGICCH; sublgch4:LOGICCH; sublgch5:LOGICCH; sublgch6:LOGICCH; sublgch7: LOGICCH; sublgch8:LOGICCH; lgch2:LOGICCH; sublgch9:LOGICCH; sublgch10:LOGICCH; sublgch11:LOGICCH; sublgch12:LOGICCH; sublgch13:LOGICCH; sublgch14:LOGICCH; sublgch15: LOGICCH; sublgch16:LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>OM_Assoc operation associates the sub logic channel identifiers `sublgch1` to `sublgch8` and `sublgch9` to `sublgch16` with the generic "parent" channel identifier `lgch1` and `lgch2` respectively, therefore the subchannel identifiers can refer to the corresponding channels configured by OM_ChConf operation.</p> <p>The `lgch1` can be an identifier for SDCCH4, SDCCH8, FACCH and the `lgch2` can be SACCHC4, SACCHC8, and SACCHH.</p> <p>"dummy" in the actual parameter list means the corresponding parameter is not used.</p> <p>Naming convention for logical channel constants:</p> <p style="text-align: center;">C_<channel type>[<rate>][<subchannel>][<cell>][<instance>]</p> <p>e.g.: C_FACCH H 0 _C _3 => C_FACCHH0_C_3</p> <p>channel type: FCCH, SCH, BCCH, CBCH, PCH, RACH, FACCH, SACCH, SDCCH, DCCH</p> <p>rate: F(ull), H(alph), 4 (fourths, C4 for SACCHC4), 8 (eighths, C8 for SACCHC8).</p> <p>subchannel: H: 0, 1 (C)4: 0, ..., 3 (C)8: 0, ..., 7</p> <p>cell: A, ..., H</p> <p>instance: 1, ..., 3 When several channels of the same type can exist in one cell simultaneously (in different time slots and / or on different frequencies) they are identified by their instance. The parameters of ChConf are used to specify the frequency and slot of this instance of the channel type.</p> <p>Not all possible combinations of this naming syntax have been used. According to the elements that are used / omitted the name can have a special meaning.</p> <p>Examples: Comments:</p> <p>C_FCCH_A FCCH of cell A. C_SCH_A SCH of cell A. C_BCCH_A_1 First instance of a BCCH in cell A. C_CBCH_A CBCH of cell A. C_PCH_A_1 First instance of a PCH in cell A (there is one instance of the PCH per BCCH in the cell). C_AGCH_A_1 First instance of a AGCH in cell A (there is one instance of the AGCH per BCCH in the cell). C_RACH_A_1 First instance of a RACH in cell A. C_FACCHF_A_1 First instance of a full rate FACCH in cell A. C_FACCHH_A_1 First instance of a half rate FACCH in cell A (all subchannels). C_FACCHH0_A_1 Subchannel 0 of the first instance of a half rate FACCH in cell A. C_SACCHF_A_1 First instance of a full rate SACCH in cell A. C_SACCHH_A_1 First instance of a half rate SACCH in cell A (all subchannels). C_SACCHH1_A_1 Subchannel 1 of the first instance of a half rate SACCH in cell A. C_SACCHC4_A SACCH/4 of cell A (all subchannels). C_SACCHC43_A Subchannel 3 of the SACCH/4 of cell A. C_SACCHC8_A_1 First instance of a SACCH/8 in cell A (all subchannels). C_SACCHC87_A_1 Subchannel 7 of the first instance of a SACCH/8 in cell A. C_SDCCH4_A SDCCH/4 of cell A (all subchannels). C_SDCCH42_A Subchannel 2 of the SDCCH/4 of cell A. C_SDCCH87_A_1 First instance of a SDCCH/8 in cell A (all subchannels). C_SDCCH87_A_1 Subchannel 7 of the first instance of a SDCCH/8 in cell A.</p> | |

This list covers all types of combinations used in the TTCN for the time being.

When the meaning refers to 'all' subchannels of a channel (eg. C_FACCHH_A_1), it means that all active subchannels of this channel activated previously by OM_ChConf, are associated with a logical channel identifier in the OM_Assoc.

Detailed Comments:

Test Suite Operation Definition

Operation Name: OM_BmlInfo(ch:LOGICCH; mode:B_8)

Result Type: BOOLEAN

Comments: mode is of type BITSTRING[8], imode is a part of the channel mode IE

Description

OM_BmlInfo operation checks whether the MS starts transmitting Bm channel information according to the new channel mode 'mode'. The operation returns TRUE if the result of the check is correct otherwise the TSO returns FALSE.

Detailed Comments:

Test Suite Operation Definition

Operation Name: OM_ChangeRFOf2Cells(cellid1 :CellID; bspwr1:INTEGER; cellid2 :CellID; bspwr2:INTEGER)

Result Type: BOOLEAN

Comments:

Description

This operation is to change the RF level of cell 'cellid1' to RF level 'bspwr1' and the RF level of cell 'cellid2' to RF level 'bspwr2' [dBuVemf], then returns.

Detailed Comments:

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OM_ChConf(bspwr: INTEGER; mspwr: INTEGER; acttype: BITSTRING; chmod: CHMOD; ta: TA; slot: SN; tsc: TSC; rf: FRQPARA; chcmbn: LOGCH; td: INTEGER; fn: INTEGER; babr, cch_con, bpm: B_3; pgfil: PG1_RQ_PDU; dtxu: BITSTRING; dtxd: BITSTRING; cell: CellID; lgch1: LOGICCH; lgch2: LOGICCH; lgch3: LOGICCH; lgch4: LOGICCH; lgch5: LOGICCH; lgch6: LOGICCH; lgch7: LOGICCH; lgch8: LOGICCH; lgch9: LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>The operation sets the configuration of a basic physical channel according to the input parameters and map logic channel combination onto it:</p> <ul style="list-style-type: none"> - bspwr: base station power level in dBuV; - mspwr: mobile station power level in "power control level"; - acttype: type of activation: <ul style="list-style-type: none"> - '000'B activation for intra-cell channel change ---- immediate assignment; - '001'B activation for intra-cell channel change ---- assignment; - '010'B activation for inter-cell channel change ---- asynchronous handover; - '011'B activation for inter-cell channel change ---- synchronous handover; - '100'B activation for additional assignment; <p style="margin-left: 40px;">NOTE: the types defined above are all the same, no real difference</p> <ul style="list-style-type: none"> - '101'B activation for receiving only; - chmod: channel mode; - ta: timing advance; - slot: time slot; - tsc: Training sequence code for normal bursts; - rf: ARFCN or hopping parameters; - chcmbn: logic channel combination mapping to the physical channel; - td: timing difference between the cell and conceptual timing reference; - fn: initial frame number offset to the timing base counter; - babr number of blocks reserved for access grant - cch-con CCCH/SDCCHs configuration - bpm multiframe period for transmission of PAGING REQUEST - pgfil: paging filling contents; - dtxu: mobile station discontinuous transmission: <ul style="list-style-type: none"> - '0'B mobile station discontinuous transmission is not applied; - '1'B mobile station discontinuous transmission is applied; - dtxd: base station discontinuous transmission: <ul style="list-style-type: none"> - '0'B base station discontinuous transmission is not applied; - '1'B base station discontinuous transmission is applied; - cell: cell identifier; - lgch1: logic channel identifier for the channel FCCH; - lgch2: logic channel identifier for the channel SCH; - lgch3: logic channel identifier for the channel BCCH; - lgch4: logic channel identifier for the channel PCH; - lgch5: logic channel identifier for the channel AGCH; - lgch6: logic channel identifier for the channel RACH; - lgch7: logic channel identifier for the channel FACCH or SDCCH; - lgch8: logic channel identifier for the channel SACCH; - lgch9: logic channel identifier for the channel CBCH; <p>For parameters lgch1 to lgch9 "dummy" in the actual parameter list means that the corresponding parameters are not used.</p> <p>In the test cases the logic channel identifiers lgch1 to lgch9 are used to refer the logic channels configured by the operation. There are only generic identifiers for SDCCH4 or SDCCH8 or FACCHH channel and SACCHC4 or SACCHC8 or SACCHH, identifiers for subchannels of SDCCH4 or SDCCH8 or FACCHH and SACCHC4 or SACCHC8 or SACCHH are linked to the generic identifiers by OM_Assoc operation and in turn refer to the sub logic channels configured by the operation.</p> <p>Channel re-use whithiin OM_ChConf:</p> <p>When an OM_ChConf calls is made then the following rules can be applied for deciding whether or not to re-use existing physical channel.</p> <p>Decode the 'chcmbn' (channel combination) parameter to determine the new channel type.</p> <p>If new channel = "C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC4" (combined) or</p> <p>if new channel = "C_CBCH_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC4" (combined + SMS) then re-use any existing control channel configuration with same CellID.</p> <p>If new channel = "C_FCCH_SCH_BCCH_CCCH" (non-combined) then use any combined, combined + SMS or non-combined</p> | |

| |
|---|
| control channel configuration with the same CellID. If new channel = "C_BCCH_CCCH_2", "C_BCCH_CCCH_3" or "C_BCCH_CCCH_4" (ccch-group) then re-use any existing ccch-group control channel configuration with the same CellID and the slot, or re-use any existing combined, combined + SMS with the same CellID. If new channel = "C_TCHF_ACCHF_1", "C_TCHF_ACCHF_2", "C_TCHH_ACCHH_1", "C_TCHH_ACCHH_2" (traffic) or "C_SDCCH8_SACCHC8_1", "C_SDCCH8_SACCHC8_2", "C_SDCCH8_SACCHC8_3" (dedicated) then re-use any existing traffic or dedicated channel with the same channel description. |
| Detailed Comments: |

| Test Suite Operation Definition | |
|--|---------------------------------------|
| Operation Name: | OM_ChMdModi(ch:LOGICCH; chmod: CHMOD) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| OM_ChMdModi operation passes channel mode IE for channel `ch` to lower layer emulator and requests the emulator to set the `ch` to the mode `chmod`. After the mode changed, it returns. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OM_CphMdChg(ch:LOGICCH; cphmod: CPHMS; key:BITSTRING) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| OM_CphMdChg operation passes ciphering parameters for channel `ch` to lower layer and sets the lower layer emulator into a special operation mode in which lower layer starts the 3-step ciphering mode setting sequence when the next L3 message on the channel `ch` arrives. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OM_CphMd(ch:LOGICCH; cphmod: CPHMS; key:BITSTRING) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| OM_CphMd operation passes ciphering parameters for channel `ch` to lower layer and sets the channel `ch` in the ciphering mode `cphmod`. This operation puts the channel `ch` into specified ciphering mode `cphmod` immediately without the 3-step ciphering mode setting sequence. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--|
| Operation Name: | OM_ComingFn(ch:LOGICCH) |
| Result Type: | FN |
| Comments: | |
| Description | |
| OM_ComingFn operation returns the frame number (FN modulo 42432) which is about 5 seconds later than current frame number and is able to carry L3 message on the channel `ch`. | |
| Detailed Comments: | The delay of about 5 seconds ensures that there is still enough time left for higher layer controller to prepare next TTCN send event after the OM_ComingFn returns. the exact delay value is up to the implementor. |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OM_Deactivate(ch1, ch2:LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| OM_Deactivate operation deactivates the logical channels `ch1` and `ch2`, then returns TRUE. | |
| The ch1 can be a DCCH or a TCH, the ch2 is the associated SACCH. | |
| Deactivation of an active SDCCH channel can be done by stopping transmission; this means that for the bursts on the BCCH carriers, dummy bursts shall be transmitted, for other bursts nothing shall be transmitted. Alternatively the deactivation of a SDCCH can be done by transmitting bad blocks on the SACCH with the parity bits set incorrectly. This will lead to a radio link failure in the MS. | |
| Deactivation of a TCH channel can be done by stopping transmission if it is non-BCCH. | |
| Deactivation of a SACCH_T can be done by transmitting bad blocks on the SACCH_T with the parity bits set incorrectly. The wrong channel coding on the SACCH will lead to a radio link failure in the MS after several seconds depending on the system information messages.. | |
| Detailed Comments: | The TSO is called in TC_26_7_3_2, TC_26_7_4_3_2, TC_26_7_4_3_3, TC_26_7_4_3_4 on a SDCCH/4/SACCH/C4 channel in downlink, TC_26_2_4_1, TC_26_2_4_2, TC_26_8_2_1, TC_26_8_2_2, TC_26_8_2_3 on TCH/SACCH_T channel in both directions. |

| Test Suite Operation Definition | |
|--|----------------------|
| Operation Name: | OM_FHCHK(ch:LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| Having been configured correctly for the frequency hopping the SS checks whether correct L2 frames are continuously received from the mobile for a period of at least 3 seconds. The TSO returns TRUE when the result of the check is correct, otherwise it returns FALSE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OM_FreqDef(st:STRT; ma:MA; ch :LOGICCH; chd: CHD; ca:CCHD) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| OM_FreqDef operation passes the frequency hopping parameters for channel `ch` to lower layer emulator. The emulator shall start using these parameters at the frame number indicated by starting time `st`. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-----------------------------|
| Operation Name: | OM_GetHoaccPara(ch:LOGICCH) |
| Result Type: | L1HD |
| Comments: | |
| Description | |
| OM_GetHoaccPara instructs the L 2 emulator to get the timing advance and power level of the handover access burst on channel `ch` and return this value in the format of L 1 head. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------------------|
| Operation Name: | OM_GetL1Hd(ch:LOGICCH) |
| Result Type: | L1HD |
| Comments: | |
| Description | |
| OM_GetL1Hd instructs the L 2 emulator to read the L 1 header of the next SACCH frame received on channel `ch` and return this value. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--------------------------------|
| Operation Name: | OM_IncrRFOfCell(cellid:CellID) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation is to increase the RF level of cell `cellid` so that the MS selects it, then returns. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-------------------------------|
| Operation Name: | OM_LowerLayerFail(ch:LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation is to force the lower layer failure, then it returns. | |
| The lower layer failure can be any one of layer 1 failures or layer 2 failures. | |
| <ul style="list-style-type: none"> - layer 1 failure, see GSM 05.08; - layer 2 failure, see GSM 04.06. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OM_LowerRFOfCell(cellid:CellID) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation is to lower the RF level of cell `cellid` so that the MS, which is listening to the cell `cellid`, will select another Cell (another transceiver), then it returns. | |
| Detailed Comments: | You have to calculate the right value for the new RF level of this cell compared to the other cell by using cell (re)selection algorithm 05.08. |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OM_NoL2Ack(fmtype:L2FMATYPE; i:INTEGER; ch: LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation sets the layer 2 emulator into a special operation mode then returns. In this special mode the layer 2 emulator shall not acknowledge the `i`th occurrence of the L 2 frame which has the type `fmtype` and the more data bit "M" = 0 on channel `ch`. The layer 2 emulator automatically resumes normal operation after this L 2 frame. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|----------------------------|
| Operation Name: | OM_NotAckSetup(ch:LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation puts the layer 2 emulator into a special operation mode then returns. In this special mode the layer 2 emulator will not acknowledge the last L 2 frame which carries the SETUP message, and the layer 2 emulator resumes normal operation after this L 2 frame. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OM_NoUAforDISC(ch:LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| OM_NoUAforDISC and OM_ResumUAforDISC are a pair of TSOs. OM_NoUAforDISC forces the L2 emulator of the tester to enter a specific mode. OM_ResumUAforDISC resumes the L2 emulator to a normal L2 operational mode. In the specific mode on receiving a DISC on the channel 'ch', the L2 emulator | |
| <ul style="list-style-type: none"> - does not respond with a UA, - remains in the multiple-frame established state, - indicates that the DISC has been received (by means of subsequent DL_RELEASE_INDICATION ASPs). Then the TSO returns TRUE. | |
| Detailed Comments: | The TSO is called in TC_26_6_12_2 and TC_26_6_12_4. |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OM_PgFill(cellid:CellID; msg:PG1_RQ_PDU) |
| Result Type: | BOOLEAN |
| Comments: | The result returned by the operation is not used. |
| Description | |
| OM_PgFill operation sets up the contents of paging filling frame to be sent on all paging subchannels continuously. If the contents of paging filling frame in cell `cellid` have not been set up, the operation sets the contents to `msg`. If paging filling frame in cell `cellid` has been set up, the operation changes the paging filling message to `msg`. After the required action has been taken it returns. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OM_Reactivate(ch1, ch2:LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| The TSO OM_Reactivate reactivates the logical channels `ch1` and `ch2` which were previously deactivated by the OM_Deactivate. Then the TSO returns TRUE. The ch1 is an SDCCH, the ch2 is the associated SACCH. Reactivation of deactivated SDCCH/SACCH channels means to restart normal transmissions both on the SDCCH and the associated SACCH as specified in the ETS 300 574 (GSM 05.02). | |
| Detailed Comments: | The TSO is called in TC_26_7_3_2, TC_26_7_4_3_2, TC_26_7_4_3_3, TC_26_7_4_3_4 on the SDCCH/4 / SACCH/C4 channels. |

| Test Suite Operation Definition | |
|---|-------------------------|
| Operation Name: | OM_ReturnFn(ch:LOGICCH) |
| Result Type: | FN |
| Comments: | |
| Description | |
| OM_ReturnFn operation returns the frame number (FN modulo 42432) on which the last L3 message was sent on logic channel `ch`. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OM_ResumUAforDISC(ch:LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>OM_NoUAforDISC and OM_ResumUAforDISC are a pair of TSOs. OM_NoUAforDISC forces the L2 emulator to enter a specific mode. OM_ResumUAforDISC resumes the L2 emulator to a normal L2 operational mode.</p> <p>OM_ResumUAforDISC cancels the effect of OM_NoUAforDISC, returning L2 on the channel 'ch' to normal operation in the multiple-frame established state.</p> <p>Then the TSO returns TRUE.</p> | |
| Detailed Comments: | The TSO is called in TC_26_6_12_2 and TC_26_6_12_4. |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OM_SendSMSCBWhilePaging(ch:LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | The result returned by the operation is not used. |
| Description | |
| <p>The TSO makes the lower layers send the second SMSCB message at the same time as the MS is paged.</p> <p>This shall be achieved by paging the MS immediately after the first block of the CB message has been sent. The SS shall ensure that the page is transmitted on the radio interface prior to the transmission of the 4th block of the CB message.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|----------------------------------|
| Operation Name: | OM_SendNextOn(ch:LOGICCH; fn:FN) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>OM_SendNextOn operation sets the lower layer emulator into a special operation mode then returns. In the special mode lower layer emulator sends the next L3 message on the indicated frame number 'fn'. After the next L3 message is sent, the lower layer resumes normal operation automatically.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OM_StartMsrReport(ch:LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | The result returned by the operation is not used. |
| Description | |
| <p>The operation starts the reporting of received MEASUREMENT REPORT message to layer 3 emulator, then it returns with value TRUE.</p> <p>Measurement Reports shall be disable by default. By default means that the tester filters them out from the TTCN in-buffer. This operation enables the reports entering the TTCN in-buffer. The OM_StopMsrReport operation disables the reports entering the TTCN in-buffer. When starting each test case, the measurement reports are filtered out by default.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OM_StopAllBCCH(cell1, cell2, cell3, cell4, cell5, cell6, cell7, cell8:CellID) |
| Result Type: | BOOLEAN |
| Comments: | The result returned by the operation is not used. |
| Description | |
| <p>The TSO stops the RF transmission on all BCCH channels including dummy bursts in the indicated cells, but keeps the uplink CCCH reception active. After all transmission have been stopped the TSO returns TRUE.</p> <p>If a cell in the parameter list is not in use a "dummy" value needs to be assigned to it by the calling test case.</p> <p>The TSO is called in TC_26_3_3.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OM_StopCell(cell:CellID) |
| Result Type: | BOOLEAN |
| Comments: | The result returned by the operation is not used. |
| Description | |
| The TSO stops completely all RF transmission of the specific cell `cell`, including the dummy bursts on other slots. After all RF transmission have been stopped the TSO returns TRUE. | |
| The cell shall be deleted from the lower layer tester and therefore if the cell 'cell' is required again by the calling test case it needs to be re-configured. | |
| The TSO is called in TC_26_3_4, TC_26_6_6_1, TC_26_7_4_2_2_1, TC_26_7_4_2_2_2, TC_26_7_4_6, TC_31_6_2_3. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OM_StopMsrReport(ch:LOGICCH) |
| Result Type: | BOOLEAN |
| Comments: | The result returned by the operation is not used. |
| Description | |
| The operation stops the reporting of received MEASUREMENT REPORT message to layer 3 emulator, after measurement report stops it returns with value TRUE. | |
| Measurement Reports shall be disable by default. By default means that the tester filters them out from the TTCN in-buffer. This operation disables the reports entering the TTCN in-buffer. The OM_StartMsrReport operation enables the reports entering the TTCN in-buffer. When starting each test case, the measurement reports are filtered out by default. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|------------------------------|
| Operation Name: | OO_ACMIncCHK(para:IA5String) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| the OO_ACMIncCHK operation requests (e.g. from the control console of the test system) the test operator to read the value of ACM on SIM and check the increment of the value. Then the operator informs the test system whether the increment is as description `para`, if it is as the description the operation returns TRUE, otherwise returns FALSE. | |
| The value of ACM can be read either via MMI or by removing the SIM and using SIM reader. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---------------|
| Operation Name: | OO_ACMReading |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| the OO_ACMReading operation requests (e.g. from the control console of the test system) the test operator to read and note the value of ACM on SIM. After the operator finishes the action, he informs the test system and the operation returns with the value TRUE. | |
| The value of ACM can be read either via MMI or by removing the SIM and using SIM reader. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---------------|
| Operation Name: | OO_ACMSetting |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| the OO_ACMSetting operation requests (e.g. from the control console of the test system) the test operator to reset the ACM to zero and set the ACMmax to 2 units. After the operator finishes the action and informs the test system it returns TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--------------|
| Operation Name: | OO_AddPwrAmp |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to add power amplification at the Mobile Station under test. After the operator finishes the action, he informs the test system and the operation returns with the value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--------------|
| Operation Name: | OO_AltIndCHK |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation first requests (e.g. from the control console of the test system) the test operator to check whether the alerting indication is generated. If the operator informs (e.g. from the control console of the test system) the test system that the alerting indication is generated, the operation returns TRUE. If the operator informs the test system that the alerting indication is not generated, the operation returns FALSE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|-----------------|
| Operation Name: | OO_CalledNumCHK |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation first requests (e.g. from the control console of the test system) the test operator to check whether the called party number is correctly displayed on the mobile station. If the operator informs (e.g. from the control console of the test system) the test system that the display is correct, the operation returns TRUE. If the operator informs the test system that the display is wrong, the operation returns FALSE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------------------------|
| Operation Name: | OO_CalledPtyNumCHK(num:CDPN) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation first requests (e.g. from the control console of the test system) the test operator to check whether the called party number `num` is the one that was entered into the MS. If the operator informs (e.g. from the control console of the test system) the test system that the number is correct, the operation returns TRUE. If the operator informs the test system that the number is wrong, the operation returns FALSE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-------------|
| Operation Name: | OO_CallHold |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to enter call hold MMI command at the Mobile Station under test. After the operator finishes the action, he informs the test system and the operation returns with the value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|----------------------------|
| Operation Name: | OO_CheckAllSMPresentBut4th |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to check if the mobile station under test has stored all short messages during the test case but not the 4th one which should have been replaced by the 5th(cf. GSM 11.10, clause 34.2.7.4). The messages are displayed. Then the operation returns. | |
| TRUE: All SM present but not the 4th | |
| FALSE: 4th SM present or 1st, 2nd, 3rd or 5th missing. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OO_CheckCBSMReceived(NumbOfIA5chara: INTEGER; msg:SMSCBpack) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to check whether the MS under test has correctly received the cell broadcast short message represented by 'msg' . Then the TSO returns | |
| TRUE: if the CBSM has been correctly received, | |
| FALSE: if non or an incorrect CBSM has been received. | |
| The TSO needs to convert the 'msg' into IA5 string according to the packing character rules specified in the section 6.1.2 of ETS 300 628 (GSM 03.38). The 'NumbOfIA5chara' indicates the number of IA5 characters in the 'msg'. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--------------------|
| Operation Name: | OO_CheckMCEFOOnSIM |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to check if the Memory Capacity Exceeded Flag has been set on the SIM simulator and to inform the test system of the result of the checking. If the checking succeeds the operation returns TRUE, FALSE otherwise. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|-------------------------|
| Operation Name: | OO_CheckMCEFOOnSIMUnset |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to check if the Memory Capacity Exceeded Flag has been unset on the SIM simulator and to inform the test system of the result of the checking. If the checking succeeds the operation returns TRUE, FALSE otherwise. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---|
| Operation Name: | OO_CheckMessageDisplayed(NumbOfIA5chara:INTEGER; msg:OCTETSTRING) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to check if the mobile station under test indicates that an SM has arrived. If the MS provides the functionality to display MT messages, it is checked that the message contents represented by 'msg' is correctly displayed. Then the operation returns</p> <p>TRUE: if the MS indicates SM reception (and displays correct message), FALSE: if the MS does not indicate SM reception (or displays incorrect message).</p> <p>The TSO needs to convert the 'msg' into IA5 string according to the packing character rules specified in the section 6.1.2 of ETS 300 628 (GSM 03.38). The 'NumbOfIA5chara' indicates the number of IA5 characters in the 'msg'.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OO_CheckUssdStringDisplayed(strg: IA5String) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to check if the mobile station under test displays the Ussd String 'strg'. Then the operation returns.</p> <p>TRUE: MS displays the correct Ussd String. FALSE: MS does not display the correct Ussd String.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------------------|
| Operation Name: | OO_ConnectSIMSimulator |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to connect the SIM simulator to the mobile station under test.</p> <p>For the contents of the SIM simulator the operator refers to the initial conditions of the test case acc. GSM 11.10, clause 34.2.3.3.</p> <p>After the operator finishes the action, he informs the test system and the operation returns with the value TRUE.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|------------------|
| Operation Name: | OO_DepressEndKey |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to depress the 'END' key of the Mobile Stations keypad, then returns.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------------|
| Operation Name: | OO_DialCalledNum |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to dial the called party number at the Mobile Station under test but not press the "SEND" key (i.e. not initiate the call setup).</p> <p>After the operator finishes the action, he informs the test system and the operation returns with the value TRUE.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---|
| Operation Name: | OO_DisplaySMAndSendReplySM(n, NumbOfIA5chara: INTEGER; msg:OCTETSTRING) |
| Result Type: | OCTETSTRING |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to display the 'n'-th short message received in the arriving order and to check whether the short message contents represented by 'msg' is correctly displayed. Then the TSO asks the operator to send a reply short message from the mobile.</p> <p>After the operator finishes the action, the operation returns with the message contents sent in OCTETSTRING.</p> <p>The TSO needs to convert the 'msg' into IA5 string and the IA5 text entered by the operator into OCTETSTRING according to the packing character rules specified in the section 6.1.2 of ETS 300 628 (GSM 03.38). The 'NumbOfIA5chara' indicates the number of IA5 characters in the 'msg'.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|------------------------------------|
| Operation Name: | OO_DTMFIndCHK(character:IA5String) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation first requests (e.g. from the control console of the test system) the test operator to check whether the `character` is indicated by the DTMF indicator of the MS. If the operator informs (e.g. from the control console of the test system) the test system that the MS does not give the indication of `character`, the operation returns FALSE. If the operator informs the test system that the MS gives the indication, the operation returns TRUE.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|------------------------|
| Operation Name: | OO_EmptyMessageStorage |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to empty the message storage of the mobile station under test.</p> <p>After the operator finishes the action, he informs the test system and the operation returns with the value TRUE.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------------------------|
| Operation Name: | OO_EnterPswd(pswd:IA5String) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This TSO displays a message on the control console to inform the operator that he is to enter a given password (the actual password is given by 'pswd') on the mobile. The operation waits for the operator to acknowledge the request, which may be done before or after entering the password into the mobile, and then returns the value TRUE.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|------------|
| Operation Name: | OO_HookOff |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to answer the mobile terminating call at the Mobile Station under test.</p> <p>This operation waits for the operator to acknowledge the request which may be done before or after the call has been answered and then returns the value TRUE.</p> | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|----------------------------|
| Operation Name: | OO_IFsetup(srv:MTSERVICES) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to setup the external interface, or configuration of the MS such a way that the MS is able to successfully receive the call for the service `srv`. After the operator finishes the required action and informs the test system, it returns with value TRUE.</p> <p>The possible service values include (see also test suite constant declarations):</p> <p>1) Teleservices</p> <ul style="list-style-type: none"> - C_Telephony - C_EmgCallSRV - C_AltSpchG3_2400, C_AltSpchG3_4800, C_AltSpchG3_9600 - C_AutoG3, C_AutoG3_T_2400, C_AutoG3_T_4800, C_AutoG3_T_9600 <p>2) Bearer services</p> <ul style="list-style-type: none"> - C_300cda, C_300cda_T, C_1200cda, C_1200cda_T, C_120075cda, C_120075cda_T, C_2400cda, C_2400cda_T, C_4800cda, C_4800cda_T, C_9600cda - C_1200cda, C_2400cda, C_2400cda_T, C_4800cda, C_4800cda_T, C_9600cda - C_PAD300, C_PAD300_T, C_PAD1200, C_PAD1200_T, C_PAD120075, C_PAD120075_T, C_PAD2400, C_PAD2400_T, C_PAD4800, C_PAD4800_T, C_PAD9600 - C_Pkt2400, C_Pkt4800, C_Pkt9600 - C_AltSpchData_300, C_AltSpchData_1200, C_AltSpchData_120075, C_AltSpchData_2400, C_AltSpchData_4800, C_AltSpchData_9600 - C_SpchData_300, C_SpchData_1200, C_SpchData_120075, C_SpchData_2400, C_SpchData_4800, C_SpchData_9600. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OO_IFsetupbis(srv:MTSERVICES; ur:B_4; itc, sacp:B_3; ce:B_2; sa:B_1) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to setup the external interface, or configuration of the MS such a way that the MS is able to successfully receive the call for the service `srv`. After the operator finishes the required action and informs the test system, it returns with value TRUE.</p> <p>If necessary, the test operator will refer to the manufacturer's manual to set the complete configuration of the MS.</p> <p>When, for a particular service, in case of a parameter is not used, the calling tree shall pass the value NA (Not applicable) in the parameter list.</p> <ul style="list-style-type: none"> C_ur_NA for the user rate. C_itc_NA for the information transfer capability. C_sacp_NA for the signalling access protocol. C_ce_NA for the connection element. C_sa_NA for the synchronous/asynchronous mode. <p>The pseudo code description is:</p> <p>1) Teleservices</p> <ul style="list-style-type: none"> - IF srv = C_Telephony THEN <li style="padding-left: 20px;">/* TS11 no other parameters than srv used for the configuration. \ | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|-------------------------------|
| Operation Name: | OO_InCallModi(srv:MOSERVICES) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to initiate a in-call modification at the Mobile Station under test, which is triggered by the calling tone identification (CNG) received by the MS, for the basic service 'srv', then returns TRUE. The calling test step can pass the 'srv' value either as TSPX or constant to the TSO.</p> <p>The possible service values include (see also test suite constant declarations):</p> <p>1) Teleservices</p> <ul style="list-style-type: none"> - C_Telephony - C_EmgCallSRV - C_AltSpchG3_2400, C_AltSpchG3_4800, C_AltSpchG3_9600 - C_AutoG3, C_AutoG3_T_2400, C_AutoG3_T_4800, C_AutoG3_T_9600 <p>2) Bearer services</p> <ul style="list-style-type: none"> - C_300cda, C_300cda_T, C_1200cda, C_1200cda_T, C_120075cda, C_120075cda_T, C_2400cda, C_2400cda_T, C_4800cda, C_4800cda_T, C_9600cda - C_1200cda, C_2400cda, C_4800cda, C_9600cda - C_1200cda, C_2400cda, C_4800cda, C_9600cda - C_PAD300, C_PAD300_T, C_PAD1200, C_PAD1200_T, C_PAD120075, C_PAD120075_T, C_PAD2400, C_PAD2400_T, C_PAD4800, C_PAD4800_T, C_PAD9600 - C_Pkt2400, C_Pkt4800, C_Pkt9600 - C_AltSpchData_300, C_AltSpchData_1200, C_AltSpchData_120075, C_AltSpchData_2400, C_AltSpchData_4800, C_AltSpchData_9600 - C_SpchData_300, C_SpchData_1200, C_SpchData_120075, C_SpchData_2400, C_SpchData_4800, C_SpchData_9600. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|----------------------------|
| Operation Name: | OO_InitCall(srv:IA5String) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| <p>This operation requests (e.g. from the control console of the test system) the test operator to initiate an MS originating call for the basic service 'srv', then returns TRUE. The calling test step can pass the 'srv' value either as TSPX or constant to the TSO. If necessary the MS is configured for that basic service before the call initiation.</p> <p>The possible service values include (see also test suite constant declarations):</p> <p>1) Teleservices</p> <ul style="list-style-type: none"> - C_Telephony - C_EmgCallSRV - C_AltSpchG3_2400, C_AltSpchG3_4800, C_AltSpchG3_9600 - C_AutoG3, C_AutoG3_T_2400, C_AutoG3_T_4800, C_AutoG3_T_9600 <p>2) Bearer services</p> <ul style="list-style-type: none"> - C_300cda, C_300cda_T, C_1200cda, C_1200cda_T, C_120075cda, C_120075cda_T, C_2400cda, C_2400cda_T, C_4800cda, C_4800cda_T, C_9600cda - C_1200cda, C_2400cda, C_4800cda, C_9600cda - C_1200cda, C_2400cda, C_4800cda, C_9600cda - C_PAD300, C_PAD300_T, C_PAD1200, C_PAD1200_T, C_PAD120075, C_PAD120075_T, C_PAD2400, C_PAD2400_T, C_PAD4800, C_PAD4800_T, C_PAD9600 - C_Pkt2400, C_Pkt4800, C_Pkt9600 - C_AltSpchData_300, C_AltSpchData_1200, C_AltSpchData_120075, C_AltSpchData_2400, C_AltSpchData_4800, C_AltSpchData_9600 - C_SpchData_300, C_SpchData_1200, C_SpchData_120075, C_SpchData_2400, C_SpchData_4800, C_SpchData_9600. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|------------------------------|
| Operation Name: | OO_InitSS(action: IA5String) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to initiate the required supplementary service by the MMI sequence `action`. | |
| After the operator finishes the action, he informs the test system and the operation returns with the value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|-----------------|
| Operation Name: | OO_InServiceCHK |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation first requests (e.g. from the control console of the test system) the test operator to check whether the Mobile Station under test is in normal service state ("Idle, updated")-- listening to CCCH and BCCH and with U1 UPDATED status. If the operator informs (e.g. from the control console of the test system) the test system that the MS does not give any service indication, the operation returns FALSE. If the operator informs the test system that the MS gives service indication, the operation returns TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|---------|
| Operation Name: | OO_Key |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation returns TRUE if a key of the SS' keyboard has been pressed. Otherwise it returns FALSE. | |
| After OO_PressKeyWhenInService was called, the TSO is then continuously called until the test operator hits a key or a timer expires. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-------------|
| Operation Name: | OO_MptyCall |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to enter MultiParty MMI command at the Mobile Station under test, then it returns with the value TRUE after the operator finishes the action and informs the test system. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|-----------------------------------|
| Operation Name: | OO_MSSetupStoreClass1SMInMEMemory |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to setup the MS under test to store class 1 SM in the ME memory (by way of MMI, as described in PICS/PIXIT statement). | |
| After the operator finishes the action, he informs the test system and the operation returns with the value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-------------|
| Operation Name: | OO_PLMNsCHK |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation first requests (e.g. from the control console of the test system) the test operator to check whether the Mobile Station presents a list of available PLMNs. The list shall include the MNC and MCC of cells 1 to 7, but not cell 8 (for GSM900) or cells 1 to 6, but not cell 7 (for DCS1800). If the operator informs (e.g. from the control console of the test system) the test system that the MS correctly presents the list, the operation returns TRUE. If the operator informs the test system that the list is incorrect, the operation returns FALSE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--------------------|
| Operation Name: | OO_PLMNselModeAuto |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation switches the PLMN selection mode of the MS to automatic selection. After correctly switching of the mode the operation returns TRUE otherwise FALSE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-------------------|
| Operation Name: | OO_PLMNselModeMan |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation switches the PLMN selection mode of the MS to manual selection. After correctly switching of the mode the operation returns TRUE otherwise FALSE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------|
| Operation Name: | OO_PowerUp |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to power up the Mobile Station under test and to inform after the test system, then it returns with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|--------------|
| Operation Name: | OO_PowerDown |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to power down the Mobile Station under test and to inform after the test system, then it returns with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--------------------------|
| Operation Name: | OO_PressKeyWhenInService |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to press any key when the MS shows the service indicator, then returns. The return value is always TRUE. Working with OO_Key together, the TSO displays a prompt to the test operator and then immediately returns. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--|
| Operation Name: | OO_RecallAndDisplaySM(NumbOfIA5chara: INTEGER; msg: OCTETSTRING) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to recall and display an SM stored in the ME of the MS under test e.g. by means of the MMI. Then the operator checks whether the short message contents represented by 'msg' is correctly displayed. The TSO returns TRUE: if SM can be recalled and displayed correctly in comparison with the 'msg', FALSE: if SM can not be recalled or displayed, or displayed incorrectly in comparison with the 'msg'. The TSO needs to convert the 'msg' into IA5 string according to the packing character rules specified in the section 6.1.2 of ETS 300 628 (GSM 03.38). The 'NumbOfIA5chara' indicates the number of IA5 characters in the 'msg'. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|----------------|
| Operation Name: | OO_RemoveOneSM |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to remove one of the SM from the message store and then to inform the test system. It does not matter which short message has been removed. After that the operation returns with value TRUE. The returned value is not used in the ATS. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---------------|
| Operation Name: | OO_RemvPwrAmp |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to remove the added power amplification at the Mobile Station under test and to inform after the test system, then the operation returns with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|----------------|
| Operation Name: | OO_RFoutputCHK |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation first requests (e.g. from the control console of the test system) the test operator to check whether the Mobile Station produces any RF output. If the operator informs (e.g. from the control console of the test system) the test system that the MS does not produce any RF output, the operation returns FALSE. If the operator informs the test system that the MS produces RF output, the operation returns TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|----------------------------------|
| Operation Name: | OO_SelPLMN(par_plmn:OCTETSTRING) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to select the given PLMN in par_plmn manually, and to inform after the test system then the operation returns with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-----------------------|
| Operation Name: | OO_SendMOShortMessage |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to send a short message from the mobile station under test. The operation waits for the operator to acknowledge the request which may be done before or after sending the MO Short Message, and then returns the value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|----------------------|
| Operation Name: | OO_SendSMSCOMMANDDel |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to send a SMS COMMAND message from the mobile station under test containing requiring to delete the previously submitted SM and then to inform the test system. Then, the operation returns with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|----------------------|
| Operation Name: | OO_SendSMSCOMMANDEnq |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to send a SMS COMMAND message from the mobile station under test containing an enquiry about the previously submitted SM and then to inform the test system. Then, the operation returns with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|------------------|
| Operation Name: | OO_SetRefuseCall |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation first requests (e.g. from the control console of the test system) the test operator to enable call refusal on the MS. After the operator completes the action and informs (e.g. from the control console of the test system) the test system, the operation returns with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-------------------------------|
| Operation Name: | OO_ShortKeyDepr(ch:IA5String) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to cause a DTMF tone to be generated, e.g. by short depression of the key `ch` on the Mobile Station under test. The operation waits for the operator to acknowledge the request which may be done before or after generating the DTMF tone, and then returns the value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-----------|
| Operation Name: | OO_SIMIns |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to insert the SIM card into the Mobile Station under test. After the operator completes the action and informs (e.g. from the control console of the test system) the test system, the operation returns with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------|
| Operation Name: | OO_SIM2Ins |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to insert the SIM card 2 into the Mobile Station under test. After the operator completes the action and informs (e.g. from the control console of the test system) the test system, the operation returns with value TRUE. | |
| The SIM Card 2 shall contain the following parameter values, which are different from default values(SIM Card 1): | |
| IMSI= '001011234' | |
| HPLMN_search_period=6min. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|------------|
| Operation Name: | OO_SIM3Ins |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to insert the SIM card 3 into the Mobile Station under test and turn the MS power on, after the test operator finishes the action and informs the test system it returns with value TRUE. | |
| The SIM Card 3 shall contain fixed dialling number allocated and activated. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-----------|
| Operation Name: | OO_SIMRmv |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to remove the SIM card from the Mobile Station under test. After the operator completes the action and informs (e.g. from the control console of the test system) the test system, the operation returns with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|---------------------|
| Operation Name: | OO_SIMSimulAttIndOK |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to check whether the SIM simulator indicates an attempt made by the ME to store the short message in the SIM. The SIM simulator returns the status response "OK" ("90 00"). Then returns. | |
| Attempt indicated: TRUE | |
| Attempt NOT indicated: FALSE | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-----------------------------|
| Operation Name: | OO_SIMSimulAttIndMemProblem |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to check whether the SIM simulator indicates an attempt made by the ME to store the short message in the SIM. The SIM simulator returns the status response "Memory Problem" ("92 40"). Then returns. | |
| Attempt indicated: TRUE | |
| Attempt NOT indicated: FALSE | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|-----------------------------|
| Operation Name: | OO_SSresultCHK(svc:INTEGER) |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation first requests (e.g. from the control console of the test system) the test operator to check the user indication of the result of the supplementary service `svc`. If the operator informs (e.g. from the control console of the test system) the test system that the indication is correct, the operation returns TRUE. If the operator informs the test system that the indication is wrong, the operation returns FALSE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|-------------|
| Operation Name: | OO_SwitchOn |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to switch on (or if there is no switch then to restore the power to) the Mobile Station under test. After the operator completes the action and informs (e.g. from the control console of the test system) the test system, the operation returns with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|--------------|
| Operation Name: | OO_SwitchOff |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation requests (e.g. from the control console of the test system) the test operator to switch off (or if there is no switch then to remove the power from) the Mobile Station under test. After the operator completes the action and informs (e.g. from the control console of the test system) the test system, the operation returns with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|-------------------|
| Operation Name: | OO_TCHThroConnCHK |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation first requests (e.g. from the control console of the test system) the test operator to check whether the TCH is through connected. The SS has to generate a noise pattern so that the operator can check this. If the operator informs (e.g. from the control console of the test system) the test system that the TCH is through connected, the operation returns TRUE. If the operator informs the test system that the TCH is not through connected, the operation returns FALSE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|--|-------------|
| Operation Name: | OO_TermCall |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation first requests (e.g. from the control console of the test system) the test operator to terminate the ongoing call. After the operator completes the action and informs (e.g. from the control console of the test system) the test system, it returns TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|------------------|
| Operation Name: | OO_TguardTimeOut |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation informs (e.g. from the control console of the test system) the test operator that the T_guard timer has expired during the test case leading to an inconclusive or fail verdict and returns immediately with value TRUE. | |
| Detailed Comments: | |

| Test Suite Operation Definition | |
|---|----------------|
| Operation Name: | OO_ToneStopCHK |
| Result Type: | BOOLEAN |
| Comments: | |
| Description | |
| This operation first requests (e.g. from the control console of the test system) the test operator to check whether the MS stops the tone generation. If the operator informs (e.g. from the control console of the test system) the test system that the MS does not stop tone generation, the operation returns FALSE. If the operator informs the test system that the MS stops tone generation, the operation returns TRUE. | |
| Definition of "tone generation": | |
| -During MO call: MS generates alerting tone/presents inband information sent by the network. | |
| -During MT call: MS generates ringing tone. | |
| Detailed Comments: | |

Test suite parameter declarations

| Test Suite Parameter Declarations | | | |
|-----------------------------------|---------|-------------------------|--|
| Parameter Name | Type | PICS/PIXIT Ref | Comments |
| TSPC_24DataF | BOOLEAN | PICS Table A.25 Item 12 | 2.4 k full rate data mode supported |
| TSPC_24DataH | BOOLEAN | PICS Table A.25 Item 13 | 2.4 k half rate data mode supported |
| TSPC_48DataF | BOOLEAN | PICS Table A.25 Item 14 | 4.8 k full rate data mode supported |
| TSPC_48DataH | BOOLEAN | PICS Table A.25 Item 15 | 4.8 k half rate data mode supported |
| TSPC_96Data | BOOLEAN | PICS Table A.25 Item 16 | 9.6 k full rate data mode supported |
| TSPC_Feat_A51 | BOOLEAN | PICS Table A.2 Item 17 | ciphering algorithm A5/1 supported |
| TSPC_Feat_A52 | BOOLEAN | PICS Table A.2 Item 18 | ciphering algorithm A5/2 supported |
| TSPC_AddCharSet | BOOLEAN | PICS Table A.25 Item 47 | A, B, C, D chars supported |
| TSPC_AddInfo_PseudoSynch | BOOLEAN | PICS | Pseudo synchronised supported |
| TSPC_AlertInd | BOOLEAN | PICS Table A.25 Item 49 | alerting indication to the user supported |
| TSPC_BC | BOOLEAN | PICS Table A.25 Item 18 | at least one bearer capability supported |
| TSPC_CC | BOOLEAN | PICS Table A.25 Item 26 | CC protocol for at least one BC supported |
| TSPC_DataSvc | BOOLEAN | PICS Table A.25 Item 4 | at least one data service supported |
| TSPC_SvcOnTCH | BOOLEAN | PICS Table A.25 Item 22 | at least one service on traffic channel supported |
| TSPC_SMS | BOOLEAN | PICS Table A.25 Item 31 | at least one short message service supported |
| TSPC_SS | BOOLEAN | PICS Table A.25 Item 29 | at least one supplementary service supported |
| TSPC_AutoAutoMode | BOOLEAN | PICS Table A.25 Item 48 | automatically enter automatic selection of PLMN mode supported |
| TSPC_BasCharSet | BOOLEAN | PICS Table A.25 Item 46 | Chars 0-9, *, # supported |
| TSPC_CalledNumDisp | BOOLEAN | PICS Table A.2 Item 1 | called number display supported |
| TSPC_DCS | BOOLEAN | PICS Table A.1 Item 3 | testing DCS1800 |
| TSPC_DetachOnPwrDn | BOOLEAN | PICS Table A.25 Item 38 | detach on power down supported |
| TSPC_DetachOnSIMRmv | BOOLEAN | PICS Table A.25 Item 39 | detach on SIM remove supported |
| TSPC_DispRcvSMS | BOOLEAN | PICS Table A.25 Item 34 | display of received SMS supported |
| TSPC_DualRate | BOOLEAN | PICS Table A.25 Item 23 | dual rate channel types supported |
| TSPC_EGSM | BOOLEAN | PICS Table A.1 Item 2 | both standard and extended GSM band supported |
| TSPC_EmgOnly | BOOLEAN | PICS Table A.25 Item 27 | the only circuit switched basic service is emergency call |
| TSPC_followOnReq | BOOLEAN | PICS Table A.25 Item 53 | follow-on request procedure supported |
| TSPC_HalfRateData | BOOLEAN | PICS Table A.25 Item 6 | half rate data supported |
| TSPC_HalfRateSpeech | BOOLEAN | PICS Table A.25 Item 3 | half rate speech mode supported |
| TSPC_InCallMod | BOOLEAN | PICS Table A.25 Item 52 | In-Call modification supported |
| TSPC_ImmConn | BOOLEAN | PICS Table A.25 Item 51 | Immediate connect supported |
| TSPC_Feat_FND | BOOLEAN | PICS Table A.2 Item 21 | FND feature supported |
| TSPC_FullRateSpeech | BOOLEAN | PICS Table A.25 Item 2 | full rate speech mode supported |
| TSPC_FullRateOnly | BOOLEAN | PICS Table A.25 Item 24 | only full rate channel type supported |
| TSPC_NonCallSS | BOOLEAN | PICS Table A.25 Item 30 | non call related supplementary service supported |
| TSPC_MTsvc | BOOLEAN | PICS Table A.25 Item 19 | at least one MT circuit switched basic service supported |
| TSPC_MOsvc | BOOLEAN | PICS Table A.25 Item 20 | at least one MO circuit switched basic service supported |
| TSPC_PGSM | BOOLEAN | PICS Table A.1 Item 1 | only standard GSM band supported |
| TSPC_RefusalCall | BOOLEAN | PICS Table A.25 Item 54 | refusal of call supported |

| | | | |
|-----------------------|---------|-------------------------|--|
| TSPC_ReplaceSMS | BOOLEAN | PICS Table A.25 Item 33 | replace SMS supported |
| TSPC_ReplyProc | BOOLEAN | PICS Table A.25 Item 32 | (SMS) reply procedures supported |
| TSPC_RFAmp | BOOLEAN | PICS Table A.25 Item 55 | RF amplification supported |
| TSPC_SDCCHOnly | BOOLEAN | PICS Table A.25 Item 21 | only SDCCH supported |
| TSPC_Serv_SS_AoCC | BOOLEAN | PICS Table A.5 Item 14 | AoCC SS supported |
| TSPC_Serv_SS_BAIC | BOOLEAN | PICS Table A.5 Item 18 | BAIC SS supported |
| TSPC_Serv_SS_BI | BOOLEAN | PICS | BI SS supported |
| TSPC_Serv_SS_BICRoam | BOOLEAN | PICS Table A.5 Item 19 | BICRoam SS supported |
| TSPC_Serv_SS_BAOC | BOOLEAN | PICS Table A.5 Item 15 | BAOC SS supported |
| TSPC_Serv_SS_BOIC | BOOLEAN | PICS Table A.5 Item 16 | BOIC SS supported |
| TSPC_Serv_SS_BOICexHC | BOOLEAN | PICS Table A.5 Item 17 | BOICexHC SS supported |
| TSPC_Serv_SS_CFB | BOOLEAN | PICS Table A.5 Item 6 | CFB supported |
| TSPC_Serv_SS_CFNry | BOOLEAN | PICS Table A.5 Item 7 | CFNry supported |
| TSPC_Serv_SS_CFNrc | BOOLEAN | PICS Table A.5 Item 8 | CFNrc supported |
| TSPC_Serv_SS_CFU | BOOLEAN | PICS Table A.5 Item 5 | CFU supported |
| TSPC_Serv_SS_HOLD | BOOLEAN | PICS Table A.5 Item 10 | Call Hold SS supported |
| TSPC_Serv_SS_MPTY | BOOLEAN | PICS Table A.5 Item 11 | multiparty SS supported |
| TSPC_Serv_SS_unstruct | BOOLEAN | PICS | USSD supported |
| TSPC_Serv_TS11 | BOOLEAN | PICS Table A.3 Item 1 | telephony supported |
| TSPC_Serv_TS12 | BOOLEAN | PICS Table A.3 Item 2 | emergency call supported |
| TSPC_Serv_TS21 | BOOLEAN | PICS Table A.3 Item 3 | SMS MT/PP supported |
| TSPC_Serv_TS22 | BOOLEAN | PICS Table A.3 Item 4 | SMS MO/PP supported |
| TSPC_Serv_TS23 | BOOLEAN | PICS Table A.3 Item 5 | SMS cell broadcast supported |
| TSPC_Serv_TS61_2400 | BOOLEAN | PICS | alternate speech and G3 fax (rate: 2400) supported |
| TSPC_Serv_TS61_4800 | BOOLEAN | PICS | alternate speech and G3 fax (rate: 4800) supported |
| TSPC_Serv_TS61_9600 | BOOLEAN | PICS | alternate speech and G3 fax (rate: 9600) supported |
| TSPC_Serv_TS62_2400 | BOOLEAN | PICS | automatic G3 fax (rate: 2400) supported |
| TSPC_Serv_TS62_4800 | BOOLEAN | PICS | automatic G3 fax (rate: 4800) supported |
| TSPC_Serv_TS62_9600 | BOOLEAN | PICS | automatic G3 fax (rate: 9600) supported |
| TSPC_Serv_BS21 | BOOLEAN | PICS Table A.4 Item 1 | data circuit duplex async 300 bit/s supported |
| TSPC_Serv_BS22 | BOOLEAN | PICS Table A.4 Item 2 | data circuit duplex async 1200 bit/s supported |
| TSPC_Serv_BS23 | BOOLEAN | PICS Table A.4 Item 3 | data circuit duplex async 1200/75 bit/s supported |
| TSPC_Serv_BS24 | BOOLEAN | PICS Table A.4 Item 4 | data circuit duplex async 2400 bit/s supported |
| TSPC_Serv_BS25 | BOOLEAN | PICS Table A.4 Item 5 | data circuit duplex async 4800 bit/s supported |
| TSPC_Serv_BS26 | BOOLEAN | PICS Table A.4 Item 6 | data circuit duplex async 9600 bit/s supported |
| TSPC_Serv_BS31 | BOOLEAN | PICS Table A.4 Item 7 | data circuit duplex sync 1200 bit/s supported |
| TSPC_Serv_BS32 | BOOLEAN | PICS Table A.4 Item 8 | data circuit duplex sync 2400 bit/s supported |
| TSPC_Serv_BS33 | BOOLEAN | PICS Table A.4 Item 9 | data circuit duplex sync 4800 bit/s supported |
| TSPC_Serv_BS34 | BOOLEAN | PICS Table A.4 Item 10 | data circuit duplex sync 9600 bit/s supported |
| TSPC_Serv_BS41 | BOOLEAN | PICS Table A.4 Item 11 | PAD access 300 bit/s supported |
| TSPC_Serv_BS42 | BOOLEAN | PICS Table A.4 Item 12 | PAD access 1200 bit/s supported |
| TSPC_Serv_BS43 | BOOLEAN | PICS Table A.4 Item 13 | PAD access 1200/75 bit/s supported |
| TSPC_Serv_BS44 | BOOLEAN | PICS Table A.4 Item 14 | PAD access 2400 bit/s supported |
| TSPC_Serv_BS45 | BOOLEAN | PICS Table A.4 Item 15 | PAD access 4800 bit/s supported |
| TSPC_Serv_BS46 | BOOLEAN | PICS Table A.4 Item 16 | PAD access 9600 bit/s supported |
| TSPC_Serv_BS51 | BOOLEAN | PICS Table A.4 Item 17 | packet access 2400 bit/s supported |
| TSPC_Serv_BS52 | BOOLEAN | PICS Table A.4 Item 18 | packet access 4800 bit/s supported |
| TSPC_Serv_BS53 | BOOLEAN | PICS Table A.4 Item 19 | packet access 9600 bit/s supported |

| | | | |
|-----------------------|-----------|-------------------------|---|
| TSPC_Serv_BS61_300 | BOOLEAN | PICS | supported Bearer Service alternate speech/data (rate: 300) supported |
| TSPC_Serv_BS61_1200 | BOOLEAN | PICS | Bearer Service alternate speech/data (rate: 1200) supported |
| TSPC_Serv_BS61_120075 | BOOLEAN | PICS | Bearer Service alternate speech/data (rate: 1200/75) supported |
| TSPC_Serv_BS61_2400 | BOOLEAN | PICS | Bearer Service alternate speech/data (rate: 2400) supported |
| TSPC_Serv_BS61_4800 | BOOLEAN | PICS | Bearer Service alternate speech/data (rate: 4800) supported |
| TSPC_Serv_BS61_9600 | BOOLEAN | PICS | Bearer Service alternate speech/data (rate: 9600) supported |
| TSPC_Serv_BS81_300 | BOOLEAN | PICS | speech followed data (rate: 300) supported |
| TSPC_Serv_BS81_1200 | BOOLEAN | PICS | speech followed data (rate: 1200) supported |
| TSPC_Serv_BS81_120075 | BOOLEAN | PICS | speech followed data (rate: 120075) supported |
| TSPC_Serv_BS81_2400 | BOOLEAN | PICS | speech followed data (rate: 2400) supported |
| TSPC_Serv_BS81_4800 | BOOLEAN | PICS | speech followed data (rate: 4800) supported |
| TSPC_Serv_BS81_9600 | BOOLEAN | PICS | speech followed data (rate: 9600) supported |
| TSPC_SMSStatusRepCap | BOOLEAN | PICS Table A.25 Item 35 | SMS status report capabilities supported |
| TSPC_StoreRcvSMSME | BOOLEAN | PICS Table A.25 Item 37 | Storage of received SMS in ME supported |
| TSPC_StoreRcvSMSSIM | BOOLEAN | PICS Table A.25 Item 36 | Storage of received SMS in SIM supported |
| TSPC_SIMRmv | BOOLEAN | PICS Table A.25 Item 40 | SIM removable without power down supported |
| TSPC_SwitchOnOff | BOOLEAN | PICS Table A.2 Item 15 | switch on/off supported |
| TSPC_TeleSvc | BOOLEAN | PICS Table A.25 Item 25 | at least one teleservice supported |
| TSPC_TranspDataOnly | BOOLEAN | PICS Table A.25 Item 9 | only transparent data service supported |
| TSPX_AltNb | BOOLEAN | PIXIT | alternative neighbour cells description |
| TSPX_BCa | BCAP | PIXIT | bearer capability supported |
| TSPX_BCb | BCAP | PIXIT | bearer capability supported |
| TSPX_BC2 | BCAP | PIXIT | bearer capability not supported |
| TSPX_BCCHcarrierA | INTEGER | PIXIT | BCCH frequency number of cell A |
| TSPX_BCCHcarrierB | INTEGER | PIXIT | BCCH frequency number of cell B |
| TSPX_BCCHcarrierA_HO | INTEGER | PIXIT | BCCH frequency number of cell A for handover cases |
| TSPX_BCCHcarrierB_HO | INTEGER | PIXIT | BCCH frequency number of cell B for handover cases |
| TSPX_TE_stopbit | B_1 | PIXIT | TE conf. number stop bits |
| TSPX_TE_databit | B_1 | PIXIT | TE conf. number data bits |
| TSPX_TE_FLCT | IA5String | PIXIT | TE flow control |
| TSPX_nirr | B_1 | PIXIT | For basic services '1'B = 6 kbs radio interface rate requested - '0'B = no meaning |
| TSPX_TE_parity | B_3 | PIXIT | TE conf. parity |
| TSPX_BS_21_1_itc | B_3 | PIXIT | BS 21 1 itc |
| TSPX_BS_21_1_strc | B_2 | PIXIT | BS 21 1 strc |
| TSPX_BS_21_1_ra | B_2 | PIXIT | BS 21 1 ra |
| TSPX_BS_21_1_ir | B_2 | PIXIT | BS 21 1 ir |
| TSPX_BS_21_1_ce | B_2 | PIXIT | BS 21 1 ce |
| TSPX_BS_21_1_modemt | B_5 | PIXIT | BS 21 1 modemt |
| TSPX_BS_21_T_NT | BOOLEAN | PIXIT | BS 21 both T and NT are provided |

| | | | |
|---------------------|---------|-------|----------------------------------|
| TSPX_BS_21_2_itc | B_3 | PIXIT | BS 21 2 itc |
| TSPX_BS_21_2_strc | B_2 | PIXIT | BS 21 2 strc |
| TSPX_BS_21_2_ra | B_2 | PIXIT | BS 21 2 ra |
| TSPX_BS_21_2_ir | B_2 | PIXIT | BS 21 2 ir |
| TSPX_BS_21_2_ce | B_2 | PIXIT | BS 21 2 ce |
| TSPX_BS_21_2_modemt | B_5 | PIXIT | BS 21 2 modemt |
| TSPX_BS_22_1_itc | B_3 | PIXIT | BS 22 1 itc |
| TSPX_BS_22_1_strc | B_2 | PIXIT | BS 22 1 strc |
| TSPX_BS_22_1_ra | B_2 | PIXIT | BS 22 1 ra |
| TSPX_BS_22_1_ir | B_2 | PIXIT | BS 22 1 ir |
| TSPX_BS_22_1_ce | B_2 | PIXIT | BS 22 1 ce |
| TSPX_BS_22_1_modemt | B_5 | PIXIT | BS 22 1 modemt |
| TSPX_BS_22_T_NT | BOOLEAN | PIXIT | BS 22 both T and NT are provided |
| TSPX_BS_22_2_itc | B_3 | PIXIT | BS 22 2 itc |
| TSPX_BS_22_2_strc | B_2 | PIXIT | BS 22 2 strc |
| TSPX_BS_22_2_ra | B_2 | PIXIT | BS 22 2 ra |
| TSPX_BS_22_2_ir | B_2 | PIXIT | BS 22 2 ir |
| TSPX_BS_22_2_ce | B_2 | PIXIT | BS 22 2 ce |
| TSPX_BS_22_2_modemt | B_5 | PIXIT | BS 22 2 modemt |
| TSPX_BS_24_1_itc | B_3 | PIXIT | BS 24 1 itc |
| TSPX_BS_24_1_strc | B_2 | PIXIT | BS 24 1 strc |
| TSPX_BS_24_1_ra | B_2 | PIXIT | BS 24 1 ra |
| TSPX_BS_24_1_ir | B_2 | PIXIT | BS 24 1 ir |
| TSPX_BS_24_1_ce | B_2 | PIXIT | BS 24 1 ce |
| TSPX_BS_24_1_modemt | B_5 | PIXIT | BS 24 1 modemt |
| TSPX_BS_24_T_NT | BOOLEAN | PIXIT | BS 24 both T and NT are provided |
| TSPX_BS_24_2_itc | B_3 | PIXIT | BS 24 2 itc |
| TSPX_BS_24_2_strc | B_2 | PIXIT | BS 24 2 strc |
| TSPX_BS_24_2_ra | B_2 | PIXIT | BS 24 2 ra |
| TSPX_BS_24_2_ir | B_2 | PIXIT | BS 24 2 ir |
| TSPX_BS_24_2_ce | B_2 | PIXIT | BS 24 2 ce |
| TSPX_BS_24_2_modemt | B_5 | PIXIT | BS 24 2 modemt |
| TSPX_BS_25_1_itc | B_3 | PIXIT | BS 25 1 itc |
| TSPX_BS_25_1_strc | B_2 | PIXIT | BS 25 1 strc |
| TSPX_BS_25_1_ra | B_2 | PIXIT | BS 25 1 ra |
| TSPX_BS_25_1_ir | B_2 | PIXIT | BS 25 1 ir |
| TSPX_BS_25_1_ce | B_2 | PIXIT | BS 25 1 ce |
| TSPX_BS_25_1_modemt | B_5 | PIXIT | BS 25 1 modemt |
| TSPX_BS_25_T_NT | BOOLEAN | PIXIT | BS 25 both T and NT are provided |
| TSPX_BS_25_2_itc | B_3 | PIXIT | BS 25 2 itc |
| TSPX_BS_25_2_strc | B_2 | PIXIT | BS 25 2 strc |
| TSPX_BS_25_2_ra | B_2 | PIXIT | BS 25 2 ra |
| TSPX_BS_25_2_ir | B_2 | PIXIT | BS 25 2 ir |
| TSPX_BS_25_2_ce | B_2 | PIXIT | BS 25 2 ce |
| TSPX_BS_25_2_modemt | B_5 | PIXIT | BS 25 2 modemt |
| TSPX_BS_26_1_itc | B_3 | PIXIT | BS 26 1 itc |
| TSPX_BS_26_1_strc | B_2 | PIXIT | BS 26 1 strc |
| TSPX_BS_26_1_ra | B_2 | PIXIT | BS 26 1 ra |
| TSPX_BS_26_1_ir | B_2 | PIXIT | BS 26 1 ir |
| TSPX_BS_26_1_ce | B_2 | PIXIT | BS 26 1 ce |
| TSPX_BS_26_1_modemt | B_5 | PIXIT | BS 26 1 modemt |
| TSPX_BS_26_T_NT | BOOLEAN | PIXIT | BS 26 both T and NT are provided |
| TSPX_BS_26_2_itc | B_3 | PIXIT | BS 26 2 itc |
| TSPX_BS_26_2_strc | B_2 | PIXIT | BS 26 2 strc |
| TSPX_BS_26_2_ra | B_2 | PIXIT | BS 26 2 ra |
| TSPX_BS_26_2_ir | B_2 | PIXIT | BS 26 2 ir |
| TSPX_BS_26_2_ce | B_2 | PIXIT | BS 26 2 ce |
| TSPX_BS_26_2_modemt | B_5 | PIXIT | BS 26 2 modemt |
| TSPX_BS_31_1_itc | B_3 | PIXIT | BS 31 1 itc |
| TSPX_BS_31_1_strc | B_2 | PIXIT | BS 31 1 strc |
| TSPX_BS_31_1_ra | B_2 | PIXIT | BS 31 1 ra |

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|----------------------|---------|-------|---|
| TSPX_BS_31_1_sacp | B_3 | PIXIT | BS 31 1 sacp |
| TSPX_BS_31_1_ir | B_2 | PIXIT | BS 31 1 ir |
| TSPX_BS_31_1_ce | B_2 | PIXIT | BS 31 1 ce |
| TSPX_BS_31_1_modemt | B_5 | PIXIT | BS 31 1 modemt |
| TSPX_BS_31_2_itc | B_3 | PIXIT | BS 31 2 itc |
| TSPX_BS_31_2_strc | B_2 | PIXIT | BS 31 2 strc |
| TSPX_BS_31_2_ra | B_2 | PIXIT | BS 31 2 ra |
| TSPX_BS_31_2_sacp | B_3 | PIXIT | BS 31 2 sacp |
| TSPX_BS_31_2_ir | B_2 | PIXIT | BS 31 2 ir |
| TSPX_BS_31_2_ce | B_2 | PIXIT | BS 31 2 ce |
| TSPX_BS_31_2_modemt | B_5 | PIXIT | BS 31 2 modemt |
| TSPX_BS_32_1_itc | B_3 | PIXIT | BS 32 1 itc |
| TSPX_BS_32_1_strc | B_2 | PIXIT | BS 32 1 strc |
| TSPX_BS_32_1_ra | B_2 | PIXIT | BS 32 1 ra |
| TSPX_BS_32_1_sacp | B_3 | PIXIT | BS 32 1 sacp |
| TSPX_BS_32_1_ir | B_2 | PIXIT | BS 32 1 ir |
| TSPX_BS_32_1_ce | B_2 | PIXIT | BS 32 1 ce |
| TSPX_BS_32_1_modemt | B_5 | PIXIT | BS 32 1 modemt |
| TSPX_BS_32_X32_T_NT | BOOLEAN | PIXIT | BS 32 1 both T and NT are provided for X32 3.1kHz |
| TSPX_BS_32_2_itc | B_3 | PIXIT | BS 32 2 itc |
| TSPX_BS_32_2_strc | B_2 | PIXIT | BS 32 2 strc |
| TSPX_BS_32_2_ra | B_2 | PIXIT | BS 32 2 ra |
| TSPX_BS_32_2_sacp | B_3 | PIXIT | BS 32 2 sacp |
| TSPX_BS_32_2_ir | B_2 | PIXIT | BS 32 2 ir |
| TSPX_BS_32_2_ce | B_2 | PIXIT | BS 32 2 ce |
| TSPX_BS_32_2_modemt | B_5 | PIXIT | BS 32 2 modemt |
| TSPX_BS_33_1_itc | B_3 | PIXIT | BS 33 1 itc |
| TSPX_BS_33_1_strc | B_2 | PIXIT | BS 33 1 strc |
| TSPX_BS_33_1_ra | B_2 | PIXIT | BS 33 1 ra |
| TSPX_BS_33_1_sacp | B_3 | PIXIT | BS 33 1 sacp |
| TSPX_BS_33_1_ir | B_2 | PIXIT | BS 33 1 ir |
| TSPX_BS_33_1_ce | B_2 | PIXIT | BS 33 1 ce |
| TSPX_BS_33_1_modemt | B_5 | PIXIT | BS 33 1 modemt |
| TSPX_BS_33_X32_T_NT | BOOLEAN | PIXIT | BS 33 1 both T and NT are provided for X32 3.1kHz |
| TSPX_BS_33_2_itc | B_3 | PIXIT | BS 33 2 itc |
| TSPX_BS_33_2_strc | B_2 | PIXIT | BS 33 2 strc |
| TSPX_BS_33_2_ra | B_2 | PIXIT | BS 33 2 ra |
| TSPX_BS_33_2_sacp | B_3 | PIXIT | BS 33 2 sacp |
| TSPX_BS_33_2_ir | B_2 | PIXIT | BS 33 2 ir |
| TSPX_BS_33_2_ce | B_2 | PIXIT | BS 33 2 ce |
| TSPX_BS_33_2_modemt | B_5 | PIXIT | BS 33 2 modemt |
| TSPX_BS_34_1_itc | B_3 | PIXIT | BS 34 1 itc |
| TSPX_BS_34_1_strc | B_2 | PIXIT | BS 34 1 strc |
| TSPX_BS_34_1_ra | B_2 | PIXIT | BS 34 1 ra |
| TSPX_BS_34_1_sacp | B_3 | PIXIT | BS 34 1 sacp |
| TSPX_BS_34_1_ir | B_2 | PIXIT | BS 34 1 ir |
| TSPX_BS_34_1_ce | B_2 | PIXIT | BS 34 1 ce |
| TSPX_BS_34_1_modemt | B_5 | PIXIT | BS 34 1 modemt |
| TSPX_BS_34_X32_T_NT | BOOLEAN | PIXIT | BS 34 1 both T and NT are provided for X32 3.1kHz |
| TSPX_BS_34_2_itc | B_3 | PIXIT | BS 34 2 itc |
| TSPX_BS_34_2_strc | B_2 | PIXIT | BS 34 2 strc |
| TSPX_BS_34_2_ra | B_2 | PIXIT | BS 34 2 ra |
| TSPX_BS_34_2_sacp | B_3 | PIXIT | BS 34 2 sacp |
| TSPX_BS_34_2_ir | B_2 | PIXIT | BS 34 2 ir |
| TSPX_BS_34_2_ce | B_2 | PIXIT | BS 34 2 ce |
| TSPX_BS_34_2_modemt | B_5 | PIXIT | BS 34 2 modemt |
| TSPX_FAX_2400_1_strc | B_2 | PIXIT | FAX 1 strc |
| TSPX_FAX_2400_1_ur | B_4 | PIXIT | FAX 1 ur |
| TSPX_FAX_2400_1_ir | B_2 | PIXIT | FAX 1 ir |
| TSPX_FAX_2400_1_ce | B_2 | PIXIT | FAX3 2400 ce |
| TSPX_FAX_2400_T_NT | BOOLEAN | PIXIT | FAX3 2400 both T and NT are provided |

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|--------------------------------|---------|-------|---|
| TSPX_FAX_2400_2_strc | B_2 | PIXIT | FAX 2 strc |
| TSPX_FAX_2400_2_ur | B_4 | PIXIT | FAX 2 ur |
| TSPX_FAX_2400_2_ir | B_2 | PIXIT | FAX 2 ir |
| TSPX_FAX_2400_2_ce | B_2 | PIXIT | FAX 2 ce |
| TSPX_FAX_4800_1_strc | B_2 | PIXIT | FAX 1 strc |
| TSPX_FAX_4800_1_ur | B_4 | PIXIT | FAX 1 ur |
| TSPX_FAX_4800_1_ir | B_2 | PIXIT | FAX 1 ir |
| TSPX_FAX_4800_1_ce | B_2 | PIXIT | FAX3 4800 ce |
| TSPX_FAX_4800_T_NT | BOOLEAN | PIXIT | FAX3 4800 both T and NT are provided |
| TSPX_FAX_4800_2_strc | B_2 | PIXIT | FAX 2 strc |
| TSPX_FAX_4800_2_ur | B_4 | PIXIT | FAX 2 ur |
| TSPX_FAX_4800_2_ir | B_2 | PIXIT | FAX 2 ir |
| TSPX_FAX_4800_2_ce | B_2 | PIXIT | FAX 2 ce |
| TSPX_FAX_9600_1_strc | B_2 | PIXIT | FAX 1 strc |
| TSPX_FAX_9600_1_ur | B_4 | PIXIT | FAX 1 ur |
| TSPX_FAX_9600_1_ir | B_2 | PIXIT | FAX 1 ir |
| TSPX_FAX_9600_1_ce | B_2 | PIXIT | FAX3 9600 ce |
| TSPX_FAX_9600_T_NT | BOOLEAN | PIXIT | FAX3 9600 both T and NT are provided |
| TSPX_FAX_9600_2_strc | B_2 | PIXIT | FAX 2 strc |
| TSPX_FAX_9600_2_ur | B_4 | PIXIT | FAX 2 ur |
| TSPX_FAX_9600_2_ir | B_2 | PIXIT | FAX 2 ir |
| TSPX_FAX_9600_2_ce | B_2 | PIXIT | FAX 2 ce |
| TSPX_BS_61_300_1_S | BOOLEAN | PIXIT | BS 61 1 supported ? |
| TSPX_BS_61_300_2_S | BOOLEAN | PIXIT | BS 61 2 supported ? |
| TSPX_BS_61_300_S_1_ur | B_4 | PIXIT | BS 61 1 S ur |
| TSPX_BS_61_300_S_1_ir | B_2 | PIXIT | BS 61 1 S ir |
| TSPX_BS_61_300_S_1_mod emt | B_5 | PIXIT | BS 61 1 S modemt |
| TSPX_BS_61_300_A_1_strc | B_2 | PIXIT | BS 61 1 A strc |
| TSPX_BS_61_300_A_1_ur | B_4 | PIXIT | BS 61 1 A ur |
| TSPX_BS_61_300_A_1_ir | B_2 | PIXIT | BS 61 1 A ir |
| TSPX_BS_61_300_A_1_ce | B_2 | PIXIT | BS 61 1 A ce |
| TSPX_BS_61_300_A_1_mod emt | B_5 | PIXIT | BS 61 1 A modemt |
| TSPX_BS_61_300_ce | B_2 | PIXIT | BS 61 300 ce |
| TSPX_BS_61_300_A_T_NT | BOOLEAN | PIXIT | BS 61 300 A both T and NT are provided |
| TSPX_BS_61_300_S_2_ur | B_4 | PIXIT | BS 61 2 S ur |
| TSPX_BS_61_300_S_2_ir | B_2 | PIXIT | BS 61 2 S ir |
| TSPX_BS_61_300_S_2_mod emt | B_5 | PIXIT | BS 61 2 S modemt |
| TSPX_BS_61_300_A_2_strc | B_2 | PIXIT | BS 61 2 A strc |
| TSPX_BS_61_300_A_2_ur | B_4 | PIXIT | BS 61 2 A ur |
| TSPX_BS_61_300_A_2_ir | B_2 | PIXIT | BS 61 2 A ir |
| TSPX_BS_61_300_A_2_ce | B_2 | PIXIT | BS 61 2 A ce |
| TSPX_BS_61_300_A_2_mod emt | B_5 | PIXIT | BS 61 2 A modemt |
| TSPX_BS_61_1200_1_S | BOOLEAN | PIXIT | BS 61 1 supported ? |
| TSPX_BS_61_1200_2_S | BOOLEAN | PIXIT | BS 61 2 supported ? |
| TSPX_BS_61_1200_S_1_ur | B_4 | PIXIT | BS 61 1 S ur |
| TSPX_BS_61_1200_S_1_ir | B_2 | PIXIT | BS 61 1 S ir |
| TSPX_BS_61_1200_S_1_mo demt | B_5 | PIXIT | BS 61 1 S modemt |
| TSPX_BS_61_1200_A_1_str c | B_2 | PIXIT | BS 61 1 A strc |
| TSPX_BS_61_1200_A_1_ur | B_4 | PIXIT | BS 61 1 A ur |
| TSPX_BS_61_1200_A_1_ir | B_2 | PIXIT | BS 61 1 A ir |
| TSPX_BS_61_1200_A_1_ce | B_2 | PIXIT | BS 61 1 A ce |
| TSPX_BS_61_1200_A_1_mo demt | B_5 | PIXIT | BS 61 1 A modemt |
| TSPX_BS_61_1200_ce | B_2 | PIXIT | BS 61 1200 ce |
| TSPX_BS_61_1200_sa | B_1 | PIXIT | BS 61 1200 sa |
| TSPX_BS_61_1200_A_T_NT | BOOLEAN | PIXIT | BS 61 1200 A both T and NT are provided |
| TSPX_BS_61_1200_S_2_ur | B_4 | PIXIT | BS 61 2 S ur |

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|----------------------------|---------|-------|---|
| TSPX_BS_61_1200_S_2_ir | B_2 | PIXIT | BS 61 2 S ir |
| TSPX_BS_61_1200_S_2_modemt | B_5 | PIXIT | BS 61 2 S modemt |
| TSPX_BS_61_1200_A_2_strc | B_2 | PIXIT | BS 61 2 A strc |
| TSPX_BS_61_1200_A_2_ur | B_4 | PIXIT | BS 61 2 A ur |
| TSPX_BS_61_1200_A_2_ir | B_2 | PIXIT | BS 61 2 A ir |
| TSPX_BS_61_1200_A_2_ce | B_2 | PIXIT | BS 61 2 A ce |
| TSPX_BS_61_1200_A_2_modemt | B_5 | PIXIT | BS 61 2 A modemt |
| TSPX_BS_61_2400_1_S | BOOLEAN | PIXIT | BS 61 1 supported ? |
| TSPX_BS_61_2400_2_S | BOOLEAN | PIXIT | BS 61 2 supported ? |
| TSPX_BS_61_2400_S_1_ur | B_4 | PIXIT | BS 61 1 S ur |
| TSPX_BS_61_2400_S_1_ir | B_2 | PIXIT | BS 61 1 S ir |
| TSPX_BS_61_2400_S_1_modemt | B_5 | PIXIT | BS 61 1 S modemt |
| TSPX_BS_61_2400_A_1_strc | B_2 | PIXIT | BS 61 1 A strc |
| TSPX_BS_61_2400_A_1_ur | B_4 | PIXIT | BS 61 1 A ur |
| TSPX_BS_61_2400_A_1_ir | B_2 | PIXIT | BS 61 1 A ir |
| TSPX_BS_61_2400_A_1_ce | B_2 | PIXIT | BS 61 1 A ce |
| TSPX_BS_61_2400_A_1_modemt | B_5 | PIXIT | BS 61 1 A modemt |
| TSPX_BS_61_2400_ce | B_2 | PIXIT | BS 61 2400 ce |
| TSPX_BS_61_2400_sa | B_1 | PIXIT | BS 61 2400 sa |
| TSPX_BS_61_2400_A_T_NT | BOOLEAN | PIXIT | BS 61 2400 A both T and NT are provided |
| TSPX_BS_61_2400_S_2_ur | B_4 | PIXIT | BS 61 2 S ur |
| TSPX_BS_61_2400_S_2_ir | B_2 | PIXIT | BS 61 2 S ir |
| TSPX_BS_61_2400_S_2_modemt | B_5 | PIXIT | BS 61 2 S modemt |
| TSPX_BS_61_2400_A_2_strc | B_2 | PIXIT | BS 61 2 A strc |
| TSPX_BS_61_2400_A_2_ur | B_4 | PIXIT | BS 61 2 A ur |
| TSPX_BS_61_2400_A_2_ir | B_2 | PIXIT | BS 61 2 A ir |
| TSPX_BS_61_2400_A_2_ce | B_2 | PIXIT | BS 61 2 A ce |
| TSPX_BS_61_2400_A_2_modemt | B_5 | PIXIT | BS 61 2 A modemt |
| TSPX_BS_61_4800_1_S | BOOLEAN | PIXIT | BS 61 1 supported ? |
| TSPX_BS_61_4800_2_S | BOOLEAN | PIXIT | BS 61 2 supported ? |
| TSPX_BS_61_4800_S_1_ur | B_4 | PIXIT | BS 61 1 S ur |
| TSPX_BS_61_4800_S_1_ir | B_2 | PIXIT | BS 61 1 S ir |
| TSPX_BS_61_4800_S_1_modemt | B_5 | PIXIT | BS 61 1 S modemt |
| TSPX_BS_61_4800_A_1_strc | B_2 | PIXIT | BS 61 1 A strc |
| TSPX_BS_61_4800_A_1_ur | B_4 | PIXIT | BS 61 1 A ur |
| TSPX_BS_61_4800_A_1_ir | B_2 | PIXIT | BS 61 1 A ir |
| TSPX_BS_61_4800_A_1_ce | B_2 | PIXIT | BS 61 1 A ce |
| TSPX_BS_61_4800_A_1_modemt | B_5 | PIXIT | BS 61 1 A modemt |
| TSPX_BS_61_4800_ce | B_2 | PIXIT | BS 61 4800 ce |
| TSPX_BS_61_4800_sa | B_1 | PIXIT | BS 61 4800 sa |
| TSPX_BS_61_4800_A_T_NT | BOOLEAN | PIXIT | BS 61 4800 A both T and NT are provided |
| TSPX_BS_61_4800_S_2_ur | B_4 | PIXIT | BS 61 2 S ur |
| TSPX_BS_61_4800_S_2_ir | B_2 | PIXIT | BS 61 2 S ir |
| TSPX_BS_61_4800_S_2_modemt | B_5 | PIXIT | BS 61 2 S modemt |
| TSPX_BS_61_4800_A_2_strc | B_2 | PIXIT | BS 61 2 A strc |
| TSPX_BS_61_4800_A_2_ur | B_4 | PIXIT | BS 61 2 A ur |
| TSPX_BS_61_4800_A_2_ir | B_2 | PIXIT | BS 61 2 A ir |
| TSPX_BS_61_4800_A_2_ce | B_2 | PIXIT | BS 61 2 A ce |
| TSPX_BS_61_4800_A_2_modemt | B_5 | PIXIT | BS 61 2 A modemt |
| TSPX_BS_61_9600_1_S | BOOLEAN | PIXIT | BS 61 1 supported ? |
| TSPX_BS_61_9600_2_S | BOOLEAN | PIXIT | BS 61 2 supported ? |

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| TSPX_BS_61_9600_S_1_ur | B_4 | PIXIT | BS 61 1 S ur |
| TSPX_BS_61_9600_S_1_ir | B_2 | PIXIT | BS 61 1 S ir |
| TSPX_BS_61_9600_S_1_modemt | B_5 | PIXIT | BS 61 1 S modemt |
| TSPX_BS_61_9600_A_1_strc | B_2 | PIXIT | BS 61 1 A strc |
| TSPX_BS_61_9600_A_1_ur | B_4 | PIXIT | BS 61 1 A ur |
| TSPX_BS_61_9600_A_1_ir | B_2 | PIXIT | BS 61 1 A ir |
| TSPX_BS_61_9600_A_1_ce | B_2 | PIXIT | BS 61 1 A ce |
| TSPX_BS_61_9600_A_1_modemt | B_5 | PIXIT | BS 61 1 A modemt |
| TSPX_BS_61_9600_ce | B_2 | PIXIT | BS 61 9600 ce |
| TSPX_BS_61_9600_sa | B_1 | PIXIT | BS 61 9600 sa |
| TSPX_BS_61_9600_A_T_NT | BOOLEAN | PIXIT | BS 61 9600 A both T and NT are provided |
| TSPX_BS_61_9600_S_2_ur | B_4 | PIXIT | BS 61 2 S ur |
| TSPX_BS_61_9600_S_2_ir | B_2 | PIXIT | BS 61 2 S ir |
| TSPX_BS_61_9600_S_2_modemt | B_5 | PIXIT | BS 61 2 S modemt |
| TSPX_BS_61_9600_A_2_strc | B_2 | PIXIT | BS 61 2 A strc |
| TSPX_BS_61_9600_A_2_ur | B_4 | PIXIT | BS 61 2 A ur |
| TSPX_BS_61_9600_A_2_ir | B_2 | PIXIT | BS 61 2 A ir |
| TSPX_BS_61_9600_A_2_ce | B_2 | PIXIT | BS 61 2 A ce |
| TSPX_BS_61_9600_A_2_modemt | B_5 | PIXIT | BS 61 2 A modemt |
| TSPX_BS_81_300_1_S | BOOLEAN | PIXIT | BS 81 1 supported ? |
| TSPX_BS_81_300_2_S | BOOLEAN | PIXIT | BS 81 2 supported ? |
| TSPX_BS_81_300_S_1_ur | B_4 | PIXIT | BS 81 1 S ur |
| TSPX_BS_81_300_S_1_ir | B_2 | PIXIT | BS 81 1 S ir |
| TSPX_BS_81_300_S_1_modemt | B_5 | PIXIT | BS 81 1 S modemt |
| TSPX_BS_81_300_A_1_strc | B_2 | PIXIT | BS 81 1 A strc |
| TSPX_BS_81_300_A_1_ur | B_4 | PIXIT | BS 81 1 A ur |
| TSPX_BS_81_300_A_1_ir | B_2 | PIXIT | BS 81 1 A ir |
| TSPX_BS_81_300_A_1_ce | B_2 | PIXIT | BS 81 1 A ce |
| TSPX_BS_81_300_A_1_modemt | B_5 | PIXIT | BS 81 1 A modemt |
| TSPX_BS_81_300_ce | B_2 | PIXIT | BS 81 300 ce |
| TSPX_BS_81_300_A_T_NT | BOOLEAN | PIXIT | BS 81 300 A both T and NT are provided |
| TSPX_BS_81_300_S_2_ur | B_4 | PIXIT | BS 81 2 S ur |
| TSPX_BS_81_300_S_2_ir | B_2 | PIXIT | BS 81 2 S ir |
| TSPX_BS_81_300_S_2_modemt | B_5 | PIXIT | BS 81 2 S modemt |
| TSPX_BS_81_300_A_2_strc | B_2 | PIXIT | BS 81 2 A strc |
| TSPX_BS_81_300_A_2_ur | B_4 | PIXIT | BS 81 2 A ur |
| TSPX_BS_81_300_A_2_ir | B_2 | PIXIT | BS 81 2 A ir |
| TSPX_BS_81_300_A_2_ce | B_2 | PIXIT | BS 81 2 A ce |
| TSPX_BS_81_300_A_2_modemt | B_5 | PIXIT | BS 81 2 A modemt |
| TSPX_BS_81_1200_1_S | BOOLEAN | PIXIT | BS 81 1 supported ? |
| TSPX_BS_81_1200_2_S | BOOLEAN | PIXIT | BS 81 2 supported ? |
| TSPX_BS_81_1200_S_1_ur | B_4 | PIXIT | BS 81 1 S ur |
| TSPX_BS_81_1200_S_1_ir | B_2 | PIXIT | BS 81 1 S ir |
| TSPX_BS_81_1200_S_1_modemt | B_5 | PIXIT | BS 81 1 S modemt |
| TSPX_BS_81_1200_A_1_strc | B_2 | PIXIT | BS 81 1 A strc |
| TSPX_BS_81_1200_A_1_ur | B_4 | PIXIT | BS 81 1 A ur |
| TSPX_BS_81_1200_A_1_ir | B_2 | PIXIT | BS 81 1 A ir |
| TSPX_BS_81_1200_A_1_ce | B_2 | PIXIT | BS 81 1 A ce |
| TSPX_BS_81_1200_A_1_modemt | B_5 | PIXIT | BS 81 1 A modemt |
| TSPX_BS_81_1200_ce | B_2 | PIXIT | BS 81 1200 ce |
| TSPX_BS_81_1200_sa | B_1 | PIXIT | BS 81 1200 sa |
| TSPX_BS_81_1200_A_T_NT | BOOLEAN | PIXIT | BS 81 1200 A both T and NT are |

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| TSPX_BS_81_1200_S_2_ur | B_4 | PIXIT | provided |
| TSPX_BS_81_1200_S_2_ir | B_2 | PIXIT | BS 81 2 S ur |
| TSPX_BS_81_1200_S_2_modem | B_5 | PIXIT | BS 81 2 S ir |
| TSPX_BS_81_1200_A_2_strc | B_2 | PIXIT | BS 81 2 S modem |
| TSPX_BS_81_1200_A_2_ur | B_4 | PIXIT | BS 81 2 A strc |
| TSPX_BS_81_1200_A_2_ir | B_2 | PIXIT | BS 81 2 A ur |
| TSPX_BS_81_1200_A_2_ce | B_2 | PIXIT | BS 81 2 A ir |
| TSPX_BS_81_1200_A_2_modem | B_5 | PIXIT | BS 81 2 A ce |
| TSPX_BS_81_2400_1_S | BOOLEAN | PIXIT | BS 81 2 A modem |
| TSPX_BS_81_2400_2_S | BOOLEAN | PIXIT | BS 81 1 supported ? |
| TSPX_BS_81_2400_S_1_ur | B_4 | PIXIT | BS 81 2 supported ? |
| TSPX_BS_81_2400_S_1_ir | B_2 | PIXIT | BS 81 1 S ur |
| TSPX_BS_81_2400_S_1_modem | B_5 | PIXIT | BS 81 1 S ir |
| TSPX_BS_81_2400_A_1_strc | B_2 | PIXIT | BS 81 1 S modem |
| TSPX_BS_81_2400_A_1_ur | B_4 | PIXIT | BS 81 1 A strc |
| TSPX_BS_81_2400_A_1_ir | B_2 | PIXIT | BS 81 1 A ur |
| TSPX_BS_81_2400_A_1_ce | B_2 | PIXIT | BS 81 1 A ir |
| TSPX_BS_81_2400_A_1_modem | B_5 | PIXIT | BS 81 1 A ce |
| TSPX_BS_81_2400_ce | B_2 | PIXIT | BS 81 1 A modem |
| TSPX_BS_81_2400_sa | B_1 | PIXIT | BS 81 2400 ce |
| TSPX_BS_81_2400_A_T_NT | BOOLEAN | PIXIT | BS 81 2400 sa |
| TSPX_BS_81_2400_S_2_ur | B_4 | PIXIT | BS 81 2400 A both T and NT are provided |
| TSPX_BS_81_2400_S_2_ir | B_2 | PIXIT | BS 81 2 S ur |
| TSPX_BS_81_2400_S_2_modem | B_5 | PIXIT | BS 81 2 S ir |
| TSPX_BS_81_2400_A_2_strc | B_2 | PIXIT | BS 81 2 S modem |
| TSPX_BS_81_2400_A_2_ur | B_4 | PIXIT | BS 81 2 A strc |
| TSPX_BS_81_2400_A_2_ir | B_2 | PIXIT | BS 81 2 A ur |
| TSPX_BS_81_2400_A_2_ce | B_2 | PIXIT | BS 81 2 A ir |
| TSPX_BS_81_2400_A_2_modem | B_5 | PIXIT | BS 81 2 A ce |
| TSPX_BS_81_4800_1_S | BOOLEAN | PIXIT | BS 81 2 A modem |
| TSPX_BS_81_4800_2_S | BOOLEAN | PIXIT | BS 81 1 supported ? |
| TSPX_BS_81_4800_S_1_ur | B_4 | PIXIT | BS 81 2 supported ? |
| TSPX_BS_81_4800_S_1_ir | B_2 | PIXIT | BS 81 1 S ur |
| TSPX_BS_81_4800_S_1_modem | B_5 | PIXIT | BS 81 1 S ir |
| TSPX_BS_81_4800_A_1_strc | B_2 | PIXIT | BS 81 1 S modem |
| TSPX_BS_81_4800_A_1_ur | B_4 | PIXIT | BS 81 1 A strc |
| TSPX_BS_81_4800_A_1_ir | B_2 | PIXIT | BS 81 1 A ur |
| TSPX_BS_81_4800_A_1_ce | B_2 | PIXIT | BS 81 1 A ir |
| TSPX_BS_81_4800_A_1_modem | B_5 | PIXIT | BS 81 1 A ce |
| TSPX_BS_81_4800_ce | B_2 | PIXIT | BS 81 1 A modem |
| TSPX_BS_81_4800_sa | B_1 | PIXIT | BS 81 4800 ce |
| TSPX_BS_81_4800_A_T_NT | BOOLEAN | PIXIT | BS 81 4800 sa |
| TSPX_BS_81_4800_S_2_ur | B_4 | PIXIT | BS 81 4800 A both T and NT are provided |
| TSPX_BS_81_4800_S_2_ir | B_2 | PIXIT | BS 81 2 S ur |
| TSPX_BS_81_4800_S_2_modem | B_5 | PIXIT | BS 81 2 S ir |
| TSPX_BS_81_4800_A_2_strc | B_2 | PIXIT | BS 81 2 S modem |
| TSPX_BS_81_4800_A_2_ur | B_4 | PIXIT | BS 81 2 A strc |
| TSPX_BS_81_4800_A_2_ir | B_2 | PIXIT | BS 81 2 A ur |
| TSPX_BS_81_4800_A_2_ce | B_2 | PIXIT | BS 81 2 A ir |
| TSPX_BS_81_4800_A_2_modem | B_5 | PIXIT | BS 81 2 A ce |
| | | | BS 81 2 A modem |

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|---------------------------|---------|-------|---|
| TSPX_BS_81_9600_1_S | BOOLEAN | PIXIT | BS 81 1 supported ? |
| TSPX_BS_81_9600_2_S | BOOLEAN | PIXIT | BS 81 2 supported ? |
| TSPX_BS_81_9600_S_1_ur | B_4 | PIXIT | BS 81 1 S ur |
| TSPX_BS_81_9600_S_1_ir | B_2 | PIXIT | BS 81 1 S ir |
| TSPX_BS_81_9600_S_1_modem | B_5 | PIXIT | BS 81 1 S modem |
| TSPX_BS_81_9600_A_1_strc | B_2 | PIXIT | BS 81 1 A strc |
| TSPX_BS_81_9600_A_1_ur | B_4 | PIXIT | BS 81 1 A ur |
| TSPX_BS_81_9600_A_1_ir | B_2 | PIXIT | BS 81 1 A ir |
| TSPX_BS_81_9600_A_1_ce | B_2 | PIXIT | BS 81 1 A ce |
| TSPX_BS_81_9600_A_1_modem | B_5 | PIXIT | BS 81 1 A modem |
| TSPX_BS_81_9600_ce | B_2 | PIXIT | BS 81 9600 ce |
| TSPX_BS_81_9600_sa | B_1 | PIXIT | BS 81 9600 sa |
| TSPX_BS_81_9600_A_T_NT | BOOLEAN | PIXIT | BS 81 9600 A both T and NT are provided |
| TSPX_BS_81_9600_S_2_ur | B_4 | PIXIT | BS 81 2 S ur |
| TSPX_BS_81_9600_S_2_ir | B_2 | PIXIT | BS 81 2 S ir |
| TSPX_BS_81_9600_S_2_modem | B_5 | PIXIT | BS 81 2 S modem |
| TSPX_BS_81_9600_A_2_strc | B_2 | PIXIT | BS 81 2 A strc |
| TSPX_BS_81_9600_A_2_ur | B_4 | PIXIT | BS 81 2 A ur |
| TSPX_BS_81_9600_A_2_ir | B_2 | PIXIT | BS 81 2 A ir |
| TSPX_BS_81_9600_A_2_ce | B_2 | PIXIT | BS 81 2 A ce |
| TSPX_BS_81_9600_A_2_modem | B_5 | PIXIT | BS 81 2 A modem |
| TSPX_CallCtrlCap | CCCAP | PIXIT | call control capabilities |
| TSPX_ChModF | CHMOD | PIXIT | channel mode for RR testing |
| TSPX_ChModH | CHMOD | PIXIT | channel mode for RR testing |
| TSPX_ChModsup | CHMOD | PIXIT | channel mode for EGSM testing. Arbitrary supported value except signalling and Full rate speech |
| TSPX_CKSNA | CKSN | PIXIT | cipher key sequence number |
| TSPX_CKSNB | CKSN | PIXIT | cipher key sequence number |
| TSPX_CKSNC | CKSN | PIXIT | cipher key sequence number |
| TSPX_CKSNDef | CKSN | PIXIT | default cipher key sequence number |
| TSPX_ClassMark1 | MSCLM1 | PIXIT | class mark 1 |
| TSPX_ClassMark2 | MSCLM2 | PIXIT | class mark 2 |
| TSPX_ClassMark2Amp | MSCLM2 | PIXIT | class mark 2 with external RF amplifier |
| TSPX_ClassMark3 | MSCLM3 | PIXIT | class mark 3 |
| TSPX_CphAlgA | CPHALG | PIXIT | ciphering algorithm supported |
| TSPX_CphAlgB | CPHALG | PIXIT | ciphering algorithm supported |
| TSPX_CphAlgC | CPHALG | PIXIT | ciphering algorithm supported |
| TSPX_CphAlgD | CPHALG | PIXIT | ciphering algorithm supported |
| TSPX_CphAlgE | CPHALG | PIXIT | ciphering algorithm supported |
| TSPX_CphAlgDef | CPHALG | PIXIT | default ciphering algorithm |
| TSPX_DTMFInd | BOOLEAN | PIXIT | DTMF indication to user supported |
| TSPX_HLCmpA | HLCMP | PIXIT | high layer compatibility for TSPX_BCa |
| TSPX_HLCmpB | HLCMP | PIXIT | high layer compatibility for TSPX_BCb |
| TSPX_hoaccessA | INTEGER | PIXIT | Hand over access counter in non synchronised HO cases |
| TSPX_hoaccessB | INTEGER | PIXIT | Hand over access counter in non synchronised HO cases |
| TSPX_hoaccessC | INTEGER | PIXIT | Hand over access counter in non synchronised HO cases |
| TSPX_hoaccessD | INTEGER | PIXIT | Hand over access counter in non synchronised HO cases |
| TSPX_hoaccessE | INTEGER | PIXIT | Hand over access counter in non synchronised HO cases |
| TSPX_hoaccessF | INTEGER | PIXIT | Hand over access counter in non synchronised HO cases |

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|-------------------|-----------|-------|---|
| TSPX_hoaccessG | INTEGER | PIXIT | Hand over access counter in non synchronised HO cases |
| TSPX_hoaccessH | INTEGER | PIXIT | Hand over access counter in non synchronised HO cases |
| TSPX_hoaccessI | INTEGER | PIXIT | Hand over access counter in non synchronised HO cases |
| TSPX_hoaccessJ | INTEGER | PIXIT | Hand over access counter in non synchronised HO cases |
| TSPX_horfA | HORF | PIXIT | Hand over reference, GSM 04.08, 10.5.2.15 |
| TSPX_horfB | HORF | PIXIT | Hand over reference, GSM 04.08, 10.5.2.15 |
| TSPX_horfC | HORF | PIXIT | Hand over reference, GSM 04.08, 10.5.2.15 |
| TSPX_horfD | HORF | PIXIT | Hand over reference, GSM 04.08, 10.5.2.15 |
| TSPX_horfE | HORF | PIXIT | Hand over reference, GSM 04.08, 10.5.2.15 |
| TSPX_horfF | HORF | PIXIT | Hand over reference, GSM 04.08, 10.5.2.15 |
| TSPX_horfG | HORF | PIXIT | Hand over reference, GSM 04.08, 10.5.2.15 |
| TSPX_horfH | HORF | PIXIT | Hand over reference, GSM 04.08, 10.5.2.15 |
| TSPX_horfI | HORF | PIXIT | Hand over reference, GSM 04.08, 10.5.2.15 |
| TSPX_horfJ | HORF | PIXIT | Hand over reference, GSM 04.08, 10.5.2.15 |
| TSPX_HSN | HORF | PIXIT | Hopping sequence number GSM 04.08, 10.5.2.5 |
| TSPX_IMSI | HEXSTRING | PIXIT | IMSI of the MS |
| TSPX_IMEI | HEXSTRING | PIXIT | IMEI of the MS. |
| TSPX_IMEISV | HEXSTRING | PIXIT | IMEISV of the MS. Used in: TC_26_6_8_5, TC_26_7_3_1 |
| TSPX_k1 | INTEGER | PIXIT | timing difference between cell A and cell B for TC_26_6_5_5_1 |
| TSPX_Ki | BITSTRING | PIXIT | default authentication key used in testing |
| TSPX_LLCmpA | LLCMP | PIXIT | low layer compatibility for TSPX_BCa |
| TSPX_LLCmpB | LLCMP | PIXIT | low layer compatibility for TSPX_BCb |
| TSPX_MAIO | MAIO | PIXIT | mobile allocation index offset, GSM 04.08, 10.5.2.5 |
| TSPX_MaxRetrans | INTEGER | PIXIT | Max-Retrans |
| TSPX_MSTxpwrMax | MAXTXPOW | PIXIT | maximum output power from MS |
| TSPX_PwrIvIA | LEVEL | PIXIT | power level in power control command |
| TSPX_PwrIvIB | LEVEL | PIXIT | power level in power control command |
| TSPX_PwrIvIC | LEVEL | PIXIT | power level in power control command |
| TSPX_PwrIvID | LEVEL | PIXIT | power level in power control command |
| TSPX_RANDA | RAND | PIXIT | challenge RAND |
| TSPX_RANDB | RAND | PIXIT | challenge RAND |
| TSPX_RANDC | RAND | PIXIT | challenge RAND |
| TSPX_RANDDef | RAND | PIXIT | default challenge RAND |
| TSPX_SDCCH4SubA | CH_TDMA | PIXIT | TDMA offset of SDCCH/4 subchannel |
| TSPX_SDCCH4SubB | CH_TDMA | PIXIT | TDMA offset of SDCCH/4 subchannel |
| TSPX_SDCCH4SubC | CH_TDMA | PIXIT | TDMA offset of SDCCH/4 subchannel |
| TSPX_SDCCH4SubDef | CH_TDMA | PIXIT | TDMA offset of default SDCCH/4 subchannel |
| TSPX_SDCCH8SubA | CH_TDMA | PIXIT | TDMA offset of SDCCH/8 |

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|------------------------|---------|-------|--|
| TSPX_SDCCH8SubB | CH_TDMA | PIXIT | subchannel TDMA offset of SDCCH/8 subchannel |
| TSPX_SDCCH8SubC | CH_TDMA | PIXIT | TDMA offset of SDCCH/8 subchannel |
| TSPX_SDCCH8SubD | CH_TDMA | PIXIT | TDMA offset of SDCCH/8 subchannel |
| TSPX_SDCCH8SubE | CH_TDMA | PIXIT | TDMA offset of SDCCH/8 subchannel |
| TSPX_SDCCH8SubF | CH_TDMA | PIXIT | TDMA offset of SDCCH/8 subchannel |
| TSPX_SDCCH8SubG | CH_TDMA | PIXIT | TDMA offset of SDCCH/8 subchannel |
| TSPX_SDCCH8SubDef | CH_TDMA | PIXIT | default SDCCH/8 subchannel |
| TSPX_TC1M | INTEGER | PIXIT | timer value for GSM timer TC1M (for SMS) |
| TSPX_MaxCPDataRetx | INTEGER | PIXIT | max. number of CP data retransmissions for SMS |
| TSPX_Telephony_Immconn | BOOLEAN | PIXIT | Immediate connect for telephony supported ? |
| TSPX_TimadvA | TA_VAL | PIXIT | timing advance |
| TSPX_TimadvB | TA_VAL | PIXIT | timing advance |
| TSPX_TimadvC | TA_VAL | PIXIT | timing advance |
| TSPX_TmSltA | SN | PIXIT | time slot |
| TSPX_TmSltB | SN | PIXIT | time slot |
| TSPX_TmSltC | SN | PIXIT | time slot |
| TSPX_TmSltD | SN | PIXIT | time slot |
| TSPX_TmSltE | SN | PIXIT | time slot |
| TSPX_TmSltF | SN | PIXIT | time slot |
| TSPX_TmSltG | SN | PIXIT | time slot |
| TSPX_TmSltDef | SN | PIXIT | default time slot |
| TSPX_TmSltNotZero | SN | PIXIT | time slot, arbitrarily value, but not zero. |
| TSPX_TmSltNotZero1 | SN | PIXIT | time slot, arbitrarily value, but not zero and not TSPX_TmSltNotZero |
| TSPX_Txint | INTEGER | PIXIT | Tx-Integer |
| TSPX_TscA | TSC | PIXIT | training sequence code |
| TSPX_TscB | TSC | PIXIT | training sequence code |
| TSPX_TscC | TSC | PIXIT | training sequence code |
| TSPX_TscD | TSC | PIXIT | training sequence code |
| TSPX_TscE | TSC | PIXIT | training sequence code |
| TSPX_TscF | TSC | PIXIT | training sequence code |
| TSPX_TscG | TSC | PIXIT | training sequence code |
| TSPX_TscDef | TSC | PIXIT | default TSC |
| TSPX_MOChRateA | RATE | PIXIT | channel rate (full or half) |
| TSPX_MOChRateB | RATE | PIXIT | channel rate (full or half) |
| TSPX_MOChRateC | RATE | PIXIT | channel rate (full or half) |
| TSPX_MOChRateD | RATE | PIXIT | channel rate (full or half) |
| TSPX_MOChRateE | RATE | PIXIT | channel rate (full or half) |
| TSPX_MOChRateF | RATE | PIXIT | channel rate (full or half) |
| TSPX_MOChRateG | RATE | PIXIT | channel rate (full or half) |
| TSPX_MOChRateH | RATE | PIXIT | channel rate (full or half) |
| TSPX_MOChRateI | RATE | PIXIT | channel rate (full or half) |
| TSPX_MOChRateJ | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTChRateA | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTChRateB | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTChRateC | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTChRateD | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTChRateE | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTChRateF | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTChRateG | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTChRateH | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTChRateI | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTChRateJ | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTNIC_ChRateA | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTNIC_ChRateB | RATE | PIXIT | channel rate (full or half) |

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| TSPX_MTNIC_ChRateC | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTNIC_ChRateD | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTNIC_ChRateE | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTNIC_ChRateF | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTNIC_ChRateG | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTNIC_ChRateH | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTNIC_ChRateI | RATE | PIXIT | channel rate (full or half) |
| TSPX_MTNIC_ChRateJ | RATE | PIXIT | channel rate (full or half) |
| TSPX_T3122 | WI | PIXIT | value of timer T3122, HEXSTRING[2] |
| TSPX_TCHcarrierA | INTEGER | PIXIT | TCH and SDCCH channel frequency number of cell A |
| TSPX_TCHcarrierA_ho | INTEGER | PIXIT | not BCCH carrier of cell A. the value can be chosen arbitrarily from cell allocation of cell A, which is in Frql_20_A0 |
| TSPX_TCHcarrierA_hod | INTEGER | PIXIT | not BCCH carrier of cell A. the value can be chosen arbitrarily from cell allocation of cell A, which is in Frql_20_A0d |
| TSPX_TCHcarrierB | INTEGER | PIXIT | TCH and SDCCH channel frequency number of cell B |
| TSPX_TCHcarrierB_ho | INTEGER | PIXIT | not BCCH carrier of cell B. the value can be chosen arbitrarily from cell allocation of cell B, which is in Frql_20_B0 |
| TSPX_TCHcarrierB_hod | INTEGER | PIXIT | not BCCH carrier of cell B. the value can be chosen arbitrarily from cell allocation of cell B, which is in Frql_20_B0d |
| TSPX_TCHcarrierB2_ho | INTEGER | PIXIT | Chosen arbitrarily from cell allocation B for GSM HO cases, but not BCCH carrier! |
| TSPX_TCHcarrierB2_hod | INTEGER | PIXIT | Chosen arbitrarily from cell allocation B for DCS HO cases, but not BCCH carrier! |
| TSPX_TCHHSubA | CH_TDMA | PIXIT | TDMA offset of half rate subchannel |
| TSPX_TCHHSubDef | CH_TDMA | PIXIT | TDMA offset of default half rate subchannel |
| TSPX_TMSI | TMSI_V | PIXIT | TMSI of the MS used in test |
| TSPX_TMSI1 | TMSI_V | PIXIT | another TMSI used in test which shall differ from TSPX_TMSI, TSPX_TMSI + '01'O TSPX_TMSI + '02'O TSPX_TMSI + '03'O |
| TSPX_UuInfo | UU | PIXIT | user-user information |
| TSPX_k | INTEGER | PIXIT | timing difference between cell A and cell B for TC_26_6_5_5_2 |
| TSPX_y | INTEGER | PIXIT | timing advance for TC_26_6_5_5_2 |
| TSPX_k2 | INTEGER | PIXIT | timing difference between cell A and cell B for TC_26_6_5_6 |
| TSPX_y2 | INTEGER | PIXIT | timing advance for TC_26_6_5_6 |
| TSPX_k3 | INTEGER | PIXIT | timing difference between cell A and cell B for TC_26_6_5_7 |
| TSPX_y3 | INTEGER | PIXIT | timing advance for TC_26_6_5_7 |
| TSPX_nPara | INTEGER | PIXIT | the n'th ChReq for TC_26_6_1_2, shall be choose to [1..8], MAXRETRANS for TC_26_6_1_2 is 7 (See 11.10 for more explanation). |
| TSPX_kPara | INTEGER | PIXIT | the k'th ChReq for TC_26_6_1_2 |
| TSPX_rPara | INTEGER | PIXIT | the r'th ChReq for TC_26_6_1_2 |
| TSPX_i1Para | INTEGER | PIXIT | for TC_26_1_2 |
| TSPX_i2Para | INTEGER | PIXIT | for TC_26_1_2 |
| TSPX_i3Para | INTEGER | PIXIT | the r'th ChReq for TC_26_6_1_2 |
| TSPX_n1Para | INTEGER | PIXIT | the n'th ChReq for TC_26_6_1_3 |
| TSPX_i4Para | INTEGER | PIXIT | for TC_26_6_1_3 |
| TSPX_xPara | INTEGER | PIXIT | t3122 for TC_26_6_1_3 |

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| TSPX_AGBLKS1 | INTEGER | PIXIT | BS-AG-BLKS-RES for TC_26_6_2_3_1, TC_26_6_2_1_1 |
| TSPX_PAMFRMS1 | INTEGER | PIXIT | BS-PA-MFRMS for TC_26_6_2_3_1 (shall not be set to 9), TC_26_6_2_1_1 |
| TSPX_CcchConf1 | CCCH_CON | PIXIT | paging subchannel for TC_26_6_2_3_1, TC_26_6_2_1_1 |
| TSPX_PgSubch | INTEGER | PIXIT | paging subchannel for TC_26_6_2_3_1 |
| TSPX_AGBLKS2 | INTEGER | PIXIT | BS-AG-BLKS-RES for TC_26_6_2_3_2, TC_26_6_2_1_2 |
| TSPX_PAMFRMS2 | INTEGER | PIXIT | BS-PA-MFRMS for TC_26_6_2_3_2, TC_26_6_2_1_2 |
| TSPX_CcchConf2 | CCCH_CON | PIXIT | paging subchannel for TC_26_6_2_3_2, TC_26_6_2_1_2 |
| TSPX_AGBLKS3 | INTEGER | PIXIT | BS-AG-BLKS-RES for TC_26_6_2_4, TC_26_6_2_2, TC_26_6_2_1_3 |
| TSPX_PAMFRMS3 | INTEGER | PIXIT | BS-PA-MFRMS for TC_26_6_2_4, TC_26_6_2_2, TC_26_6_2_1_3 |
| TSPX_CcchConf3 | CCCH_CON | PIXIT | paging subchannel for TC_26_6_2_4, TC_26_6_2_2, TC_26_6_2_1_3 |
| TSPX_AGBLKS4 | INTEGER | PIXIT | BS-AG-BLKS-RES for TC_26_6_2_5 |
| TSPX_PAMFRMS4 | INTEGER | PIXIT | BS-PA-MFRMS for TC_26_6_2_5 |
| TSPX_CcchConf4 | CCCH_CON | PIXIT | paging subchannel for TC_26_6_2_5 (shall be in the set ('010', '100', '110')) |
| TSPX_Chtp1 | CH_TDMA | PIXIT | channel type for TC_26_6_13_1 |
| TSPX_ChMod1 | CHMOD_VAL | PIXIT | channel mode for TC_26_6_13_1 |
| TSPX_Tm1 | INTEGER | PIXIT | a value to calculate the starting time for TC_26_6_13_1 |
| TSPX_Maio1 | MAIO | PIXIT | hopping parameter for TC_26_6_13_1 |
| TSPX_Ma1 | MAC | PIXIT | mobile allocation for TC_26_6_13_1 |
| TSPX_Hsn1 | HSN | PIXIT | hopping parameter for TC_26_6_13_1 |
| TSPX_Maio2 | MAIO | PIXIT | hopping parameter for TC_26_6_13_1 |
| TSPX_Ma2 | MAC | PIXIT | mobile allocation for TC_26_6_13_1 |
| TSPX_Hsn2 | HSN | PIXIT | hopping parameter for TC_26_6_13_1 |
| TSPX_Maio3 | MAIO | PIXIT | hopping parameter for TC_26_6_13_1 |
| TSPX_Ma3 | MAC | PIXIT | mobile allocation for TC_26_6_13_1 |
| TSPX_Hsn3 | HSN | PIXIT | hopping parameter for TC_26_6_13_1 |
| TSPX_Chtp2 | CH_TDMA | PIXIT | channel type for TC_26_6_13_2 |
| TSPX_ChMod2 | CHMOD_VAL | PIXIT | channel mode for TC_26_6_13_2 |
| TSPX_Maio4 | MAIO | PIXIT | hopping parameter for TC_26_6_13_2 |
| TSPX_Ma4 | MAC | PIXIT | mobile allocation for TC_26_6_13_2 |
| TSPX_Hsn4 | HSN | PIXIT | hopping parameter for TC_26_6_13_2 |
| TSPX_Maio5 | MAIO | PIXIT | hopping parameter for TC_26_6_13_2 |
| TSPX_Ma5 | MAC | PIXIT | mobile allocation for TC_26_6_13_2 |
| TSPX_Hsn5 | HSN | PIXIT | hopping parameter for TC_26_6_13_2 |

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| TSPX_Chtp3 | CH_TDMA | PIXIT | channel type for TC_26_6_13_3 |
| TSPX_Maio6 | MAIO | PIXIT | hopping parameter for TC_26_6_13_3 |
| TSPX_Ma6 | MAC | PIXIT | mobile allocation for TC_26_6_13_3 |
| TSPX_Hsn6 | HSN | PIXIT | hopping parameter for TC_26_6_13_3 |
| TSPX_Maio7 | MAIO | PIXIT | hopping parameter for TC_26_6_13_3 |
| TSPX_Ma7 | MAC | PIXIT | mobile allocation for TC_26_6_13_3 |
| TSPX_Hsn7 | HSN | PIXIT | hopping parameter for TC_26_6_13_3 |
| TSPX_Chtp4 | CH_TDMA | PIXIT | channel type for TC_26_6_13_3 |
| TSPX_Maio8 | MAIO | PIXIT | hopping parameter for TC_26_6_13_3 |
| TSPX_Ma8 | MAC | PIXIT | mobile allocation for TC_26_6_13_3 |
| TSPX_Hsn8 | HSN | PIXIT | hopping parameter for TC_26_6_13_3 |
| TSPX_Maio9 | MAIO | PIXIT | hopping parameter for TC_26_6_13_3 |
| TSPX_Ma9 | MAC | PIXIT | mobile allocation for TC_26_6_13_3 |
| TSPX_Hsn9 | HSN | PIXIT | hopping parameter for TC_26_6_13_3 |
| TSPX_Chtp5 | CH_TDMA | PIXIT | channel type for TC_26_6_13_4 |
| TSPX_Maio10 | MAIO | PIXIT | hopping parameter for TC_26_6_13_4 |
| TSPX_Ma10 | MAC | PIXIT | mobile allocation for TC_26_6_13_4 |
| TSPX_Hsn10 | HSN | PIXIT | hopping parameter for TC_26_6_13_4 |
| TSPX_Maio11 | MAIO | PIXIT | hopping parameter for TC_26_6_13_4 |
| TSPX_Ma11 | MAC | PIXIT | mobile allocation for TC_26_6_13_4 |
| TSPX_Hsn11 | HSN | PIXIT | hopping parameter for TC_26_6_13_4 |
| TSPX_Chtp6 | CH_TDMA | PIXIT | channel type for TC_26_6_13_4 |
| TSPX_Maio12 | MAIO | PIXIT | hopping parameter for TC_26_6_13_4 |
| TSPX_Ma12 | MAC | PIXIT | mobile allocation for TC_26_6_13_4 |
| TSPX_Hsn12 | HSN | PIXIT | hopping parameter for TC_26_6_13_4 |
| TSPX_Maio13 | MAIO | PIXIT | hopping parameter for TC_26_6_13_4 |
| TSPX_Ma13 | MAC | PIXIT | mobile allocation for TC_26_6_13_4 |
| TSPX_Hsn13 | HSN | PIXIT | hopping parameter for TC_26_6_13_4 |
| TSPX_Chtp7 | CH_TDMA | PIXIT | channel type for TC_26_6_13_5 |
| TSPX_ChMod4 | CHMOD_VAL | PIXIT | channel mode for TC_26_6_13_5 |
| TSPX_Tm2 | INTEGER | PIXIT | a value to calculate the starting time for TC_26_6_13_5 |
| TSPX_Maio14 | MAIO | PIXIT | hopping parameter for TC_26_6_13_5 |
| TSPX_Ma14 | MAC | PIXIT | mobile allocation for TC_26_6_13_5 |
| TSPX_Hsn14 | HSN | PIXIT | hopping parameter for TC_26_6_13_5 |
| TSPX_Maio15 | MAIO | PIXIT | hopping parameter for TC_26_6_13_5 |
| TSPX_Ma15 | MAC | PIXIT | mobile allocation for TC_26_6_13_5 |
| TSPX_Hsn15 | HSN | PIXIT | hopping parameter for TC_26_6_13_5 |
| TSPX_Maio16 | MAIO | PIXIT | hopping parameter for TC_26_6_13_5 |

| | | | |
|-------------|-----------|-------|------------------------------------|
| TSPX_Ma16 | MAC | PIXIT | mobile allocation for TC_26_6_13_5 |
| TSPX_Hsn16 | HSN | PIXIT | hopping parameter for TC_26_6_13_5 |
| TSPX_Chtp8 | CH_TDMA | PIXIT | channel type for TC_26_6_13_6 |
| TSPX_ChMod5 | CHMOD_VAL | PIXIT | channel mode for TC_26_6_13_6 |
| TSPX_Maio17 | MAIO | PIXIT | hopping parameter for TC_26_6_13_6 |
| TSPX_Ma17 | MAC | PIXIT | mobile allocation for TC_26_6_13_6 |
| TSPX_Hsn17 | HSN | PIXIT | hopping parameter for TC_26_6_13_6 |
| TSPX_Maio18 | MAIO | PIXIT | hopping parameter for TC_26_6_13_6 |
| TSPX_Ma18 | MAC | PIXIT | mobile allocation for TC_26_6_13_6 |
| TSPX_Hsn18 | HSN | PIXIT | hopping parameter for TC_26_6_13_6 |
| TSPX_Maio19 | MAIO | PIXIT | hopping parameter for TC_26_6_13_6 |
| TSPX_Ma19 | MAC | PIXIT | mobile allocation for TC_26_6_13_6 |
| TSPX_Hsn19 | HSN | PIXIT | hopping parameter for TC_26_6_13_6 |
| TSPX_Chtp9 | CH_TDMA | PIXIT | channel type for TC_26_6_13_7 |
| TSPX_ChMod6 | CHMOD_VAL | PIXIT | channel mode for TC_26_6_13_7 |
| TSPX_Maio20 | MAIO | PIXIT | hopping parameter for TC_26_6_13_7 |
| TSPX_Ma20 | MAC | PIXIT | mobile allocation for TC_26_6_13_7 |
| TSPX_Hsn20 | HSN | PIXIT | hopping parameter for TC_26_6_13_7 |
| TSPX_Maio21 | MAIO | PIXIT | hopping parameter for TC_26_6_13_7 |
| TSPX_Ma21 | MAC | PIXIT | mobile allocation for TC_26_6_13_7 |
| TSPX_Hsn21 | HSN | PIXIT | hopping parameter for TC_26_6_13_7 |
| TSPX_Chtp10 | CH_TDMA | PIXIT | channel type for TC_26_6_13_7 |
| TSPX_Maio22 | MAIO | PIXIT | hopping parameter for TC_26_6_13_7 |
| TSPX_Ma22 | MAC | PIXIT | mobile allocation for TC_26_6_13_7 |
| TSPX_Hsn22 | HSN | PIXIT | hopping parameter for TC_26_6_13_7 |
| TSPX_Maio23 | MAIO | PIXIT | hopping parameter for TC_26_6_13_7 |
| TSPX_Ma23 | MAC | PIXIT | mobile allocation for TC_26_6_13_7 |
| TSPX_Hsn23 | HSN | PIXIT | hopping parameter for TC_26_6_13_7 |
| TSPX_Chtp11 | CH_TDMA | PIXIT | channel type for TC_26_6_13_8 |
| TSPX_ChMod7 | CHMOD_VAL | PIXIT | channel mode for TC_26_6_13_8 |
| TSPX_Maio24 | MAIO | PIXIT | hopping parameter for TC_26_6_13_8 |
| TSPX_Ma24 | MAC | PIXIT | mobile allocation for TC_26_6_13_8 |
| TSPX_Hsn24 | HSN | PIXIT | hopping parameter for TC_26_6_13_8 |
| TSPX_Maio25 | MAIO | PIXIT | hopping parameter for TC_26_6_13_8 |
| TSPX_Ma25 | MAC | PIXIT | mobile allocation for TC_26_6_13_8 |
| TSPX_Hsn25 | HSN | PIXIT | hopping parameter for TC_26_6_13_8 |
| TSPX_Chtp12 | CH_TDMA | PIXIT | channel type for TC_26_6_13_8 |
| TSPX_Maio26 | MAIO | PIXIT | hopping parameter for TC_26_6_13_8 |
| TSPX_Ma26 | MAC | PIXIT | mobile allocation for TC_26_6_13_8 |

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|--------------------|------------|-------|-------------------------------------|
| TSPX_Hsn26 | HSN | PIXIT | hopping parameter for TC_26_6_13_8 |
| TSPX_Maio27 | MAIO | PIXIT | hopping parameter for TC_26_6_13_8 |
| TSPX_Ma27 | MAC | PIXIT | mobile allocation for TC_26_6_13_8 |
| TSPX_Hsn27 | HSN | PIXIT | hopping parameter for TC_26_6_13_8 |
| TSPX_Chtp13 | CH_TDMA | PIXIT | channel type for TC_26_6_13_9 |
| TSPX_Tm3 | INTEGER | PIXIT | channel mode for TC_26_6_13_9 |
| TSPX_Maio28 | MAIO | PIXIT | hopping parameter for TC_26_6_13_9 |
| TSPX_Ma28 | MAC | PIXIT | mobile allocation for TC_26_6_13_9 |
| TSPX_Hsn28 | HSN | PIXIT | hopping parameter for TC_26_6_13_9 |
| TSPX_Maio29 | MAIO | PIXIT | hopping parameter for TC_26_6_13_9 |
| TSPX_Ma29 | MAC | PIXIT | mobile allocation for TC_26_6_13_9 |
| TSPX_Chtp14 | CH_TDMA | PIXIT | channel type for TC_26_6_13_10 |
| TSPX_Maio30 | MAIO | PIXIT | hopping parameter for TC_26_6_13_10 |
| TSPX_Ma30 | MAC | PIXIT | mobile allocation for TC_26_6_13_10 |
| TSPX_Hsn30 | HSN | PIXIT | hopping parameter for TC_26_6_13_10 |
| TSPX_Maio31 | MAIO | PIXIT | hopping parameter for TC_26_6_13_10 |
| TSPX_Ma31 | MAC | PIXIT | mobile allocation for TC_26_6_13_10 |
| TSPX_BscSvc | IA5String | PIXIT | basic service used for TC_11_2 |
| TSPX_MOBscSvcA | MOSERVICES | PIXIT | used for CC test |
| TSPX_MOBscSvcB | MOSERVICES | PIXIT | used for CC test |
| TSPX_MOBscSvcC | MOSERVICES | PIXIT | used for CC test |
| TSPX_MOBscSvcD | MOSERVICES | PIXIT | used for CC test |
| TSPX_MOBscSvcE | MOSERVICES | PIXIT | used for CC test |
| TSPX_MOBscSvcF | MOSERVICES | PIXIT | used for CC test |
| TSPX_MOBscSvcG | MOSERVICES | PIXIT | used for CC test |
| TSPX_MOBscSvcH | MOSERVICES | PIXIT | used for CC test |
| TSPX_MOBscSvcI | MOSERVICES | PIXIT | used for CC test |
| TSPX_MOBscSvcJ | MOSERVICES | PIXIT | used for CC test |
| TSPX_MTBscSvcA | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTBscSvcB | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTBscSvcC | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTBscSvcD | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTBscSvcE | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTBscSvcF | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTBscSvcG | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTBscSvcH | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTBscSvcI | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTBscSvcJ | MTSERVICES | PIXIT | used for CC test |
| TSPX_MT_ImmConnA | BOOLEAN | PIXIT | used for CC test |
| TSPX_MT_ImmConnB | BOOLEAN | PIXIT | used for CC test |
| TSPX_MT_ImmConnC | BOOLEAN | PIXIT | used for CC test |
| TSPX_MT_ImmConnD | BOOLEAN | PIXIT | used for CC test |
| TSPX_MT_ImmConnE | BOOLEAN | PIXIT | used for CC test |
| TSPX_MT_ImmConnF | BOOLEAN | PIXIT | used for CC test |
| TSPX_MT_ImmConnG | BOOLEAN | PIXIT | used for CC test |
| TSPX_MT_ImmConnH | BOOLEAN | PIXIT | used for CC test |
| TSPX_MT_ImmConnI | BOOLEAN | PIXIT | used for CC test |
| TSPX_MT_ImmConnJ | BOOLEAN | PIXIT | used for CC test |
| TSPX_MTNIC_BscSvcA | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTNIC_BscSvcB | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTNIC_BscSvcC | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTNIC_BscSvcD | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTNIC_BscSvcE | MTSERVICES | PIXIT | used for CC test |

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|--|------------|-------|---|
| TSPX_MTNIC_BscSvcF | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTNIC_BscSvcG | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTNIC_BscSvcH | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTNIC_BscSvcI | MTSERVICES | PIXIT | used for CC test |
| TSPX_MTNIC_BscSvcJ | MTSERVICES | PIXIT | used for CC test |
| TSPX_MT_BscSvc_Speech_FullRate | MTSERVICES | PIXIT | Basic service for a supported speech teleservice supporting full rate (MT call) |
| TSPX_MT_BscSvc_Speech_HalfRate | MTSERVICES | PIXIT | Basic service for a supported speech teleservice supporting half rate (MT call) |
| TSPX_MT_BscSvc_NonSpeech_FullRate | MTSERVICES | PIXIT | Basic service for a supported non-speech teleservice supporting full rate (MT call) |
| TSPX_MT_BscSvc_NonSpeech_HalfRate | MTSERVICES | PIXIT | Basic service for a supported non-speech teleservice supporting half rate (MT call) |
| TSPX_MT_BscSvc_FullRate | MTSERVICES | PIXIT | Basic service for a supported basic service supporting full rate (MT call) |
| TSPX_MO_BscSvc_AnyCall | MOSERVICES | PIXIT | Basic service supported for any MO call |
| TSPX_MO_rate_AnyCall | RATE | PIXIT | Rate for the basic service supported for any MO call |
| TSPX_MO_rate_EmergencyCall | RATE | PIXIT | Rate for the basic service supported for MO emergency calls |
| TSPX_MO_BscSvc_FRDataCall | MOSERVICES | PIXIT | Basic service supported for MO full rate data calls |
| TSPX_MO_BscSvc_HRDataCall | MOSERVICES | PIXIT | Basic service supported for MO half rate data calls |
| TSPX_MO_BscSvc_SpeechCall | MOSERVICES | PIXIT | Basic service supported for any MO speech calls |
| TSPX_MO_rate_SpeechCall | RATE | PIXIT | Rate for the basic service supported for any MO speech calls |
| TSPX_MO_BscSvc_FRCall | MOSERVICES | PIXIT | Basic service supported for any MO full rate calls |
| TSPX_MO_BscSvc_HRCall | MOSERVICES | PIXIT | Basic service supported for any MO half rate calls |
| TSPX_MO_BscSvc_NonCallSupplementarySvc | MOSERVICES | PIXIT | Basic service supported for MO non-call related supplementary service |
| TSPX_MO_BscSvc_SMS | MOSERVICES | PIXIT | Basic service supported for MO SMS calls |
| TSPX_MO_BscSvc_DualModeCall | MOSERVICES | PIXIT | Basic service supported for any MO dual mode calls |
| TSPX_MO_rate_DualModeCall | RATE | PIXIT | Rate for the basic service supported for any MO dual mode calls |
| TSPX_TS61_2400more | BOOLEAN | PIXIT | TS61 more than one BC's |
| TSPX_TS61_4800more | BOOLEAN | PIXIT | TS61 more than one BC's |
| TSPX_TS61_9600more | BOOLEAN | PIXIT | TS61 more than one BC's |
| TSPX_TS62_2400more | BOOLEAN | PIXIT | TS62 more than one BC's |
| TSPX_TS62_4800more | BOOLEAN | PIXIT | TS62 more than one BC's |
| TSPX_TS62_9600more | BOOLEAN | PIXIT | TS62 more than one BC's |
| TSPX_BS21more | BOOLEAN | PIXIT | BS21 more than one BC's |
| TSPX_BS22more | BOOLEAN | PIXIT | BS22 more than one BC's |
| TSPX_BS24more | BOOLEAN | PIXIT | BS24 more than one BC's |
| TSPX_BS25more | BOOLEAN | PIXIT | BS25 more than one BC's |
| TSPX_BS26more | BOOLEAN | PIXIT | BS26 more than one BC's |
| TSPX_BS31more | BOOLEAN | PIXIT | BS31 more than one BC's |
| TSPX_BS31more_sacp | BOOLEAN | PIXIT | BS31 more than one sacp's |
| TSPX_BS32more | BOOLEAN | PIXIT | BS32 more than one BC's |
| TSPX_BS32more_sacp | BOOLEAN | PIXIT | BS32 more than one sacp's |
| TSPX_BS33more | BOOLEAN | PIXIT | BS33 more than one BC's |
| TSPX_BS33more_sacp | BOOLEAN | PIXIT | BS33 more than one sacp's |
| TSPX_BS34more | BOOLEAN | PIXIT | BS34 more than one BC's |
| TSPX_BS34more_sacp | BOOLEAN | PIXIT | BS32 more than one sacp's |

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|---------------------------|---------|-------|-------------------------|
| TSPX_BS61_300more | BOOLEAN | PIXIT | BS61 more than one BC's |
| TSPX_BS61_1200more | BOOLEAN | PIXIT | BS61 more than one BC's |
| TSPX_BS61_2400more | BOOLEAN | PIXIT | BS61 more than one BC's |
| TSPX_BS61_4800more | BOOLEAN | PIXIT | BS61 more than one BC's |
| TSPX_BS61_9600more | BOOLEAN | PIXIT | BS61 more than one BC's |
| TSPX_BS81_300more | BOOLEAN | PIXIT | BS81 more than one BC's |
| TSPX_BS81_1200more | BOOLEAN | PIXIT | BS81 more than one BC's |
| TSPX_BS81_2400more | BOOLEAN | PIXIT | BS81 more than one BC's |
| TSPX_BS81_4800more | BOOLEAN | PIXIT | BS81 more than one BC's |
| TSPX_BS81_9600more | BOOLEAN | PIXIT | BS81 more than one BC's |
| Detailed Comments: | | | |

Test case selection expression definitions

| Test Case Selection Expression Definitions | | |
|--|---|--|
| Expression Name | Selection Expression | Comments |
| SelExpr_0000 | TRUE | General test group always selected |
| SelExpr_0001 | TRUE | always selected |
| SelExpr_0002 | TSPC_MTsvc | MT circuit switched basic service supported |
| SelExpr_0003 | NOT TSPC_Serv_SS_AoCC | AOCC not supported |
| SelExpr_0004 | TSPC_Serv_SS_AoCC AND(NOT TSPC_Serv_SS_HOLD) | AOCC supported but Call Hold not supported |
| SelExpr_0005 | TSPC_Serv_SS_AoCC AND TSPC_Serv_SS_HOLD AND(NOT TSPC_Serv_SS_MPTY) | AOCC and Call Hold supported but multiparty not supported |
| SelExpr_0006 | NOT TSPC_Feat_FND | FND feature not supported |
| SelExpr_0007 | TSPC_MOsvc | MO circuit switched basic service supported |
| SelExpr_0100 | TRUE | initial test group always selected |
| SelExpr_0101 | TRUE | always selected |
| SelExpr_0102 | TSPC_SvcOnTCH | at least one service on traffic channel supported |
| SelExpr_0103 | TSPC_DualRate | half rate channel supported |
| SelExpr_0104 | TSPC_DataSvc | at least one data service supported |
| SelExpr_0105 | TSPC_NonCallSS | non call related supplementary service supported |
| SelExpr_0106 | TSPC_Serv_TS22 | MO short message service supported |
| SelExpr_0107 | TSPC_Serv_TS11 OR TSPC_Serv_TS12 | speech supported |
| SelExpr_0200 | TRUE | idleMode test group always selected |
| SelExpr_0201 | TRUE | always selected |
| SelExpr_0300 | TRUE | BiBo test group always selected |
| SelExpr_0301 | TSPC_CC | CC protocol for at least one BC supported |
| SelExpr_0302 | TRUE | always selected |
| SelExpr_0400 | TRUE | RR test group always selected |
| SelExpr_0401 | TRUE | always selected |
| SelExpr_0402 | TSPC_CC | CC protocol for at least one BC supported |
| SelExpr_0403 | TSPC_FullRateOnly OR TSPC_DualRate | Full rate traffic channel supported |
| SelExpr_0404 | TSPC_DualRate | Dual rate traffic channel supported |
| SelExpr_0405 | TSPC_CC AND(TSPC_Feat_A51 OR TSPC_Feat_A52) | call control protocol and (A5/1 or A5/2) algorithm supported |
| SelExpr_0406 | TSPC_CC AND TSPC_RFAmp | call control protocol and RF amplification supported |
| SelExpr_0407 | TSPC_CC AND TSPC_FullRateOnly | call control protocol and full rate traffic channel supported |
| SelExpr_0408 | TSPC_CC AND TSPC_DualRate | call control protocol and dual rate traffic channel supported |
| SelExpr_0409 | TSPC_CC AND TSPC_AddInfo_PseudoSynch | CC protocol for at least one BC supported and Pseudo synchronised supported |
| SelExpr_0500 | TRUE | MM test group always selected |
| SelExpr_0501 | TRUE | always selected |
| SelExpr_0502 | TSPC_SIMRmv | SIM removable without power down supported |
| SelExpr_0503 | TSPC_Serv_TS11 OR TSPC_Serv_TS12 | speech supported |
| SelExpr_0504 | TSPC_NonCallSS | The MS supports a non call related supplementary service operation during an active call |
| SelExpr_0600 | TSPC_MOsvc OR TSPC_MTsvc | CC test group |
| SelExpr_0601 | TSPC_MOsvc AND(NOT TSPC_EmgOnly) | at least one mobile originating circuit switched basic service supported and not only emergency call supported |
| SelExpr_0602 | (NOT TSPC_ImmConn) AND TSPC_MTsvc | immediate connect not supported and at least one mobile terminated circuit switched basic service supported |
| SelExpr_0603 | TSPC_RefusalCall AND TSPC_MTsvc | refusal of call supported and at least one mobile terminated circuit switched basic service supported |
| SelExpr_0604 | TSPC_Serv_TS11 OR TSPC_Serv_TS12 OR TSPC_Serv_TS61_2400 OR TSPC_Serv_TS61_4800 OR | speech supported |

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| SelExpr_0606 | TSPC_Serv_TS61_9600 OR TSPC_Serv_BS61_300 OR TSPC_Serv_BS61_1200 OR TSPC_Serv_BS61_2400 OR TSPC_Serv_BS61_4800 OR TSPC_Serv_BS61_9600 TSPC_MTsvc | at least one mobile terminated circuit switched basic service supported |
| SelExpr_0607 | TSPC_Serv_TS61_2400 OR TSPC_Serv_TS61_4800 OR TSPC_Serv_TS61_9600 OR TSPC_Serv_BS61_300 OR TSPC_Serv_BS61_1200 OR TSPC_Serv_BS61_2400 OR TSPC_Serv_BS61_4800 OR TSPC_Serv_BS61_9600 OR TSPC_Serv_BS81_300 OR TSPC_Serv_BS81_1200 OR TSPC_Serv_BS81_2400 OR TSPC_Serv_BS81_4800 OR TSPC_Serv_BS81_9600 | dual mode services supported |
| SelExpr_0700 | TSPC_CC | StructureProc test group |
| SelExpr_0701 | TSPC_TeleSvc | at least one teleservice supported |
| SelExpr_0702 | TSPC_FullRateSpeech OR TSPC_HalfRateSpeech | speech supported |
| SelExpr_0703 | (TSPC_Serv_TS11 OR TSPC_Serv_TS12) AND TSPC_DualRate | dual rate speech supported |
| SelExpr_0800 | TSPC_SS | SS test group |
| SelExpr_0801 | TSPC_Serv_SS_BOIC OR TSPC_Serv_SS_BAIC OR TSPC_Serv_SS_BOICexHC OR TSPC_Serv_SS_BICRoam OR TSPC_Serv_SS_BAOC | at least one of call restrictions supported |
| SelExpr_0802 | TSPC_Serv_SS_AoCC | AOCC supported |
| SelExpr_0803 | TSPC_Serv_SS_BOIC | BOIC supported |
| SelExpr_0804 | TSPC_Serv_SS_BAIC | BAIC supported |
| SelExpr_0805 | TSPC_Serv_SS_BOICexHC | BOICexHC supported |
| SelExpr_0806 | TSPC_Serv_SS_BOICexHC OR TSPC_Serv_SS_BAIC | BOICexHC OR BAIC supported |
| SelExpr_0807 | TSPC_Serv_SS_BOIC OR TSPC_Serv_SS_BICRoam | BOIC OR BICRoam supported |
| SelExpr_0808 | TSPC_Serv_SS_BI | BI supported |
| SelExpr_0809 | TSPC_Serv_SS_CFNry OR TSPC_Serv_SS_CFU | CFNry or CFU supported |
| SelExpr_0810 | TSPC_Serv_SS_CFB OR TSPC_Serv_SS_CFU OR TSPC_Serv_SS_CFNrc OR TSPC_Serv_SS_CFNry | CFB or CFU or CFNry or CFNrc supported |
| SelExpr_0811 | TSPC_Serv_SS_CFB OR TSPC_Serv_SS_CFNrc OR TSPC_Serv_SS_CFNry | CFNry or CFNrc or CFB supported |
| SelExpr_0812 | TSPC_Serv_SS_CFNrc OR TSPC_Serv_SS_CFB | CFNrc or CFB supported |
| SelExpr_0813 | TSPC_Serv_SS_CFB | CFB supported |
| SelExpr_0814 | TSPC_Serv_SS_BICRoam OR TSPC_Serv_SS_BAOC | BAOC or BICRoam supported |
| SelExpr_0815 | TRUE | always selected |
| SelExpr_0816 | TSPC_Serv_SS_unstruct | USSD supported |
| SelExpr_0817 | TSPC_Serv_SS_unstruct AND TSPC_CC | USSD and CC protocol for at least one BC supported |
| SelExpr_0818 | TSPC_Serv_SS_AoCC AND TSPC_SIMRmv | AOCC and SIM removable without power down supported |
| SelExpr_0819 | TSPC_Serv_SS_AoCC AND TSPC_Serv_SS_HOLD | AOCC and Call Hold supported |
| SelExpr_0820 | TSPC_Serv_SS_AoCC AND TSPC_Serv_SS_MPTY | AOCC and Multi Party service supported |
| SelExpr_0821 | TSPC_Serv_SS_AoCC AND TSPC_SwitchOnOff | AOCC and switch on/off supported |
| SelExpr_0900 | TSPC_SMS | SMS test group |
| SelExpr_0901 | TSPC_Serv_TS21 AND TSPC_CC | MT/PP supported and CC protocol for at least one BC supported |
| SelExpr_0902 | TSPC_Serv_TS22 AND | MO/PP supported and MT/PP supported |

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|--------------|--|--|
| | TSPC_Serv_TS21 AND TSPC_CC | and CC protocol for at least one BC supported |
| SelExpr_0903 | TSPC_Serv_TS22 AND TSPC_StoreRcvSMSME AND TSPC_StoreRcvSMSSIM | MO/PP supported AND storage of SMS in the ME supported AND storage of SMS in the SIM supported |
| SelExpr_0904 | TSPC_Serv_TS22 AND TSPC_Serv_TS21 AND TSPC_SMSStatusRepCap | MO/PP supported AND MT/PP supported AND SMS Status report capabilities supported |
| SelExpr_0905 | TSPC_Serv_TS21 AND TSPC_DispRcvSMS | MT/PP supported AND display of received short message supported |
| SelExpr_0906 | TSPC_Serv_TS21 AND TSPC_DispRcvSMS AND(TSPC_StoreRcvSMSME OR TSPC_StoreRcvSMSSIM) | MT/PP supported AND display of received short message supported AND (storage of SMS in the ME supported OR storage of SMS in the SIM supported) |
| SelExpr_0907 | TSPC_Serv_TS21 AND TSPC_StoreRcvSMSSIM | MT/PP supported AND display of received short message supported AND storage of SMS in the SIM supported |
| SelExpr_0908 | TSPC_Serv_TS21 AND TSPC_ReplaceSMS AND TSPC_DispRcvSMS | MT/PP supported AND "replace short message" and "display of received short message" supported |
| SelExpr_0909 | TSPC_Serv_TS22 AND TSPC_Serv_TS21 AND TSPC_ReplyProc AND TSPC_DispRcvSMS | MO/PP supported AND MT/PP supported AND "reply procedure" and "display of received short message" supported |
| SelExpr_1000 | TSPC_EGSM | E- band supported |
| SelExpr_1001 | TSPC_CC | CC protocol for at least one BC supported |
| SelExpr_1002 | TSPC_Serv_TS11 OR TSPC_Serv_TS61_2400 OR TSPC_Serv_TS61_4800 OR TSPC_Serv_TS61_9600 OR TSPC_Serv_TS62_2400 OR TSPC_Serv_TS62_4800 OR TSPC_Serv_TS62_9600 | telephony supported or alternate speech/data supported or Teleservice automatic G3 fax supported |
| SelExpr_1003 | TSPC_Serv_TS12 | emergency call supported |

Detailed Comments:

Test suite constant declarations

| Test Suite Constant Declarations | | | |
|----------------------------------|-------------|-------------------------------------|---|
| Constant Name | Type | Value | Comments |
| C_arfcnA | INTEGER | 20 | ARFCN of cell A |
| C_arfcnB | INTEGER | 10 | ARFCN of cell B |
| C_arfcnC | INTEGER | 30 | ARFCN of cell C |
| C_arfcnH | INTEGER | 44 | ARFCN of cell H |
| C_arfcnAd | INTEGER | 590 | ARFCN of cell A DCS 1800 |
| C_arfcnBd | INTEGER | 520 | ARFCN of cell B DCS 1800 |
| C_arfcnCd | INTEGER | 700 | ARFCN of cell C DCS 1800 |
| C_arfcnHd | INTEGER | 810 | ARFCN of cell H DCS 1800 |
| C_arfcnA_HO | INTEGER | 20 | ARFCN of cell A , used in HO cases. |
| C_arfcnA_HOd | INTEGER | 747 | ARFCN of cell A , used in HO cases. |
| C_arfcnB_HO | INTEGER | 40 | ARFCN of cell B , used in HO cases. |
| C_arfcnEgsm_iacmd | INTEGER | 20 | ARFCN in immediate assignment, used in EGSM cases. |
| C_arfcnEgsm_asscmd | INTEGER | 20 | ARFCN in assignment cmd, used in EGSM |
| C_BCC | BCC | '101'B | Base Station color code |
| C_BCCHcarrierB_ho | INTEGER | 40 | BCCH frequency number of cell B for Ho cases (GSM: 40) |
| C_BCCHcarrierB_hod | INTEGER | 764 | BCCH frequency number of cell B for Ho cases (DCS:764) |
| C_BCCHcarrierB_hoe | INTEGER | 40 | BCCH frequency number of cell B for Ho cases (EGSM:40) |
| C_cchd_e_407 | OCTETSTRING | '8DEA0DF4CC6C4AF4FB1000000000000'O | f-list for cellchdescr using of 128 format. The coded set is {980, 981, 982, 983, 990, 991, 992, 993, 994, 1000, 1005, 1010, 1015}. Length = 16 TC_26_10_4, k=2, c=1 TC_26.10.6, c=1 |
| C_cchd_e_408 | OCTETSTRING | '8A0A1CFD3EF4610E2FFFFA0000000000'O | f-list for cellchdescr using of 256 format. The coded set is {20, 40, 66, 73, 74, 75, 76, 77, 78, 79, 108, 114,115} Length = 16 TC_26_10_4, k=2, c=2 TC_26.10.6, c=2 |
| C_cchd_e_409 | OCTETSTRING | '89EA037F433C7B042BFEBFEC10000000'O | f-list for cellchdescr using of 512 format. The coded set is {980, 981, 982, 983, 990, 991, 992, 993, 994, 1000, 1005, 1010, 1015}. Length = 16 TC_26_10_4, k=2, c=3 TC: 26.10.6 c=3 |
| C_cchd_e_410 | OCTETSTRING | '841EEA893EF98143B1610000000000'O | f-list for cellchdescr using of 1024 format. Length = 16 |
| C_cchd_e_411 | OCTETSTRING | '8FEA703E0842100000000000000000'O | f-list for cellchdescr using of variable bit format. The coded set is {980, 981, 982, 983, 990, 991, 992, 993, 994, 1000, 1005, 1010, 1015}. Length = 16 TC_26_10_4, k=2, c=5 TC: 26.10.6 c=5 |
| C_cchd_e_412 | OCTETSTRING | '0002080000007F020000008000080000'O | f-list for cellchdescr using of bit map 0 format. The coded set is {20, 40, 66, 73, 74, 75, 76, 77, 78, |

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| C_cchd_e_414 | OCTETSTRING | '00000000000000002000020002000000'O | 79, 108, 114,115) Length = 16 TC_26_10_4, k=2, c=6 f-list for cellchdescr using of bit map 0 format. |
| C_cchd_e_415 | OCTETSTRING | '841EEA893EF9814380000000000000'O | Length = 16 f_list: 30, 50 ,70 TC: 26.10.6 c=6 f-list for cellchdescr using range 1024 format. The coded set is {0, 30, 40, 66, 80, 1005, 1010, 1015}. |
| C_ChMod_s | CHMOD_VAL | '00000000'B | Length = 16 TC: 26.10.4, k=2, c=4 TC: 26.10.6 c=4 Mode : signalling only. |
| C_ChMod_r | CHMOD_VAL | '00000001'B | Mode : speech full or half rate. |
| C_ChMod_12k | CHMOD_VAL | '00000011'B | Mode : 12k radio rate. |
| C_ChMod_6k | CHMOD_VAL | '00001011'B | Mode : 6k radio rate. |
| C_ChMod_3k | CHMOD_VAL | '00010011'B | Mode : 3.6k radio rate. |
| C_ChMod2_r | CHMOD_VAL | '00000101'B | Mode2 : speech half rate. |
| C_Sap0 | SAPID | '00'O | service access point 0 |
| C_Sap3 | SAPID | '03'O | service access point 3 |
| C_CellA | CellID | "C_CellA" | cell A -- cell 1 |
| C_CellB | CellID | "C_CellB" | cell B -- cell 2 |
| C_CellC | CellID | "C_CellC" | cell C -- cell 3 |
| C_CellD | CellID | "C_CellD" | cell D -- cell 4 |
| C_CellE | CellID | "C_CellE" | cell E -- cell 5 |
| C_CellF | CellID | "C_CellF" | cell F -- cell 6 |
| C_CellG | CellID | "C_CellG" | cell G -- cell 7 |
| C_CellH | CellID | "C_CellH" | cell H -- cell 8 |
| C_ci_cellA | CI | '0001'O | Cell Id for cell A |
| C_ci_cellB | CI | '0002'O | Cell Id for cell B |
| C_ci_cellC | CI | '0003'O | Cell Id for cell C |
| C_ci_cellD | CI | '0004'O | Cell Id for cell D |
| C_ci_cellE | CI | '0005'O | Cell Id for cell E |
| C_ci_cellF | CI | '0006'O | Cell Id for cell F |
| C_ci_cellG | CI | '0007'O | Cell Id for cell G |
| C_ci_cellH | CI | '0008'O | Cell Id for cell H |
| C_cksnokey | BITSTRING | '111'B | No key available |
| C_flist_e_401 | OCTETSTRING | '8DF68AEC00'O | It includes the list of f's in EGSM test cases. The coded set is {1005, 1010, 1015}. |
| C_flist_e_402 | OCTETSTRING | '8A2481FF03F8'O | Length = 5 TC_26_10_4, k=1, c=1 TC: 26.10.5.1 k=1/2,c=1 It includes the list of f's in EGSM test cases. The coded set is {73, 74, 75, 76, 77}, range 256 format. |
| C_flist_e_403 | OCTETSTRING | '89EA00BFC040'O | Length = 6 TC_26_10_4, k=1, c=2 TC: 26.10.5.1 k=1/2,c=2 It includes the list of f's in EGSM test cases. The coded set is {980, 981, 982, 983}, range 512 format. |
| C_flist_e_404 | OCTETSTRING | '801EED02BEC0'O | Length = 6 TC_26_10_4, k=1, c=3 TC: 26.10.5.1 k=1/2,c=3 It includes the list of f's in EGSM test cases. The coded set is {30, 40, 1010, 1015}, range 1024 format. |
| C_flist_e_405 | OCTETSTRING | '8FEC001F000010'O | Length = 6 TC_26_10_4, k=1, c=4 TC: 26.10.5.1 k=1/2,c=4 It includes the list of f's in EGSM test cases. The coded set is {980, 991, 992, 993, 994, 1015}. |

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| C_flist_e_406 | OCTETSTRING | '000000000000000020000008000080000'O | Length = 7 TC_26_10_4, k=1, c=5 TC: 26.10.5.1 k=1/2,c=5 It includes the list of f's in EGSM test cases. The coded set is {20, 40, 66}, bitmap 0 format. |
| C_flist_e_407 | OCTETSTRING | '8DEA0DF4CC6C4AFAFB100000000000'O | Length = 16 TC_26_10_4, k=1, c=6 TC: 26.10.5.1 k=2,c=6 It includes the list of f's in EGSM test cases. The coded set is {980, 981, 982, 983, 990, 991, 992, 993, 994, 1000, 1005, 1010, 1015}, range 128 format. |
| C_flist_e_408 | OCTETSTRING | '8A0A1CFD3EF4610E2FFFFA0000'O | Length = 16 TC_26_10_4, k=2, c=1 TC: 26.10.5.1 k=3,c=1 TC: 26.10.6 c=1 It includes the list of f's in EGSM test cases. The coded set is {20, 40, 66, 73, 74, 75, 76, 77, 78, 79, 108, 114, 115}, range 256 format. |
| C_flist_e_409 | OCTETSTRING | '89EA037F433C7B042BFEBFEC1000000'O | Length = 13 TC_26_10_4, k=2, c=2 TC: 26.10.5.1 k=3,c=2 TC: 26.10.6 c=2 It includes the list of f's in EGSM test cases. The coded set is {980, 981, 982, 983, 990, 991, 992, 993, 994, 1000, 1005, 1010, 1015}, range 512 format. |
| C_flist_e_410 | OCTETSTRING | '841EEA893EF98143B161'O | Length = 16 TC_26_10_4, k=2, c=3 TC: 26.10.5.2 k=3,c=3 TC: 26.10.6 c=3 Length = 10 TC: 26.10.5.2 k=3,c=4 |
| C_flist_e_411 | OCTETSTRING | '8FEA703E084210'O | Length = 7 TC_26_10_4, k=2, c=5 TC: 26.10.5.1 k=3,c=5 TC: 26.10.6 c=5 It includes the list of f's in EGSM test cases. The coded set is {980, 981, 982, 983, 990, 991, 992, 993, 994, 1000, 1005, 1010, 1015}, variable bitmap format. |
| C_flist_e_412 | OCTETSTRING | '0002080000007F020000008000080000'O | Length = 7 TC_26_10_4, k=2, c=5 TC: 26.10.5.1 k=3,c=5 TC: 26.10.6 c=5 It includes the list of f's in EGSM test cases. The coded set is {20, 40, 66, 73, 74, 75, 76, 77, 78, 79, 108, 114, 115}, bitmap 0 format. |
| C_flist_e_413 | OCTETSTRING | '8DF68AEC00'O | Length = 16 TC_26_10_4, k=2, c=6 TC: 26.10.5.1 k=3,c=6 Length = 5 TC: 26.10.5.2 |
| C_flist_e_414 | OCTETSTRING | '00000000000000002000002000020080000'O | Length = 16 f_list: 20, 30, 50 ,70 TC: 26.10.6 c=6 |
| C_flist_e_415 | OCTETSTRING | '841EEA893EF9814380'O | Length = 9 Format: 1024 TC_26_10_4, k=2, c=4 TC: 26.10.6 c=4 It includes the list of f's in EGSM test cases. The coded set is {0, 30, 40, 66, 80, 1005, 1010, 1015}, range 1024 format. |
| C_IMSI | INTEGER | 0 | MI type: IMSI |
| C_TMSI | INTEGER | 1 | MI type: TMSI |
| C_IMEI | INTEGER | 2 | MI type: IMEI |
| C_IMEISV | INTEGER | 3 | MI type: IMEISV |

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| C_shortIMSI | HEXSTRING | '001011234'H | A short IMSI |
| C_lacellA | OCTETSTRING | '0001'O | lac A. |
| C_lacellB | OCTETSTRING | '0002'O | lac B. |
| C_lacellC | OCTETSTRING | '0003'O | lac C. |
| C_lacellD | OCTETSTRING | '0004'O | lac D. |
| C_lacellE | OCTETSTRING | '0005'O | lac E. |
| C_lacellF | OCTETSTRING | '0006'O | lac F. |
| C_lacellG | OCTETSTRING | '0007'O | lac G. |
| C_lacellH | OCTETSTRING | '0008'O | lac H. |
| C_lacdeleted | OCTETSTRING | 'FFFE'O | lac value deleted. |
| C_LAC_3 | OCTETSTRING | '0003'O | lac value 0003. |
| C_LAC_4 | OCTETSTRING | '0004'O | lac value 0004. |
| C_LAC_5 | OCTETSTRING | '0005'O | lac value 0005. |
| C_LAC_6 | OCTETSTRING | '0006'O | lac value 0006. |
| C_PLMN_1 | OCTETSTRING | '10'O | PLMN 1 (mnc=01) |
| C_PLMN_2 | OCTETSTRING | '20'O | PLMN 2 (mnc=02) |
| C_PLMN_3 | OCTETSTRING | '30'O | PLMN 3 (mnc=03) |
| C_PLMN_Home | OCTETSTRING | '10'O | PLMN 1 (mnc=01) |
| C_NotCombined | BOOLEAN | FALSE | CCCH not combined with SDCCH |
| C_Combined | BOOLEAN | TRUE | CCCH combined with SDCCH |
| C_FCCH_A | LOGICCH | "C_FCCH_A" | frequency correction channel of cell A(1) |
| C_FCCH_B | LOGICCH | "C_FCCH_B" | frequency correction channel of cell B(2) |
| C_FCCH_C | LOGICCH | "C_FCCH_C" | frequency correction channel of cell C(3) |
| C_FCCH_D | LOGICCH | "C_FCCH_D" | frequency correction channel of cell D(4) |
| C_FCCH_E | LOGICCH | "C_FCCH_E" | frequency correction channel of cell E(5) |
| C_FCCH_F | LOGICCH | "C_FCCH_F" | frequency correction channel of cell F(6) |
| C_FCCH_G | LOGICCH | "C_FCCH_G" | frequency correction channel of cell G(7) |
| C_FCCH_H | LOGICCH | "C_FCCH_H" | frequency correction channel of cell H(8) |
| C_SCH_A | LOGICCH | "C_SCH_A" | sync channel of cell A(1) |
| C_SCH_B | LOGICCH | "C_SCH_B" | sync channel of cell B(2) |
| C_SCH_C | LOGICCH | "C_SCH_C" | sync channel of cell C(3) |
| C_SCH_D | LOGICCH | "C_SCH_D" | sync channel of cell D(4) |
| C_SCH_E | LOGICCH | "C_SCH_E" | sync channel of cell E(5) |
| C_SCH_F | LOGICCH | "C_SCH_F" | sync channel of cell F(6) |
| C_SCH_G | LOGICCH | "C_SCH_G" | sync channel of cell G(7) |
| C_SCH_H | LOGICCH | "C_SCH_H" | sync channel of cell H(8) |
| C_BCCH_A_1 | LOGICCH | "C_BCCH_A_1" | 1st broadcast channel of cell A |
| C_BCCH_A_2 | LOGICCH | "C_BCCH_A_2" | 2nd broadcast channel of cell A |
| C_BCCH_A_3 | LOGICCH | "C_BCCH_A_3" | 3rd broadcast channel of cell A |
| C_BCCH_A_4 | LOGICCH | "C_BCCH_A_4" | 4th broadcast channel of cell A |
| C_BCCH_B_1 | LOGICCH | "C_BCCH_B_1" | 1st broadcast channel of cell B |
| C_BCCH_C_1 | LOGICCH | "C_BCCH_C_1" | 1st broadcast channel of cell C |
| C_BCCH_D_1 | LOGICCH | "C_BCCH_D_1" | 1st broadcast channel of cell D |
| C_BCCH_E_1 | LOGICCH | "C_BCCH_E_1" | 1st broadcast channel of cell E |
| C_BCCH_F_1 | LOGICCH | "C_BCCH_F_1" | 1st broadcast channel of cell F |
| C_BCCH_G_1 | LOGICCH | "C_BCCH_G_1" | 1st broadcast channel of cell G |
| C_BCCH_H_1 | LOGICCH | "C_BCCH_H_1" | 1st broadcast channel of cell H |
| C_CBCH_A | LOGICCH | "C_CBCH_A" | Cell broadcast channel in cell A |
| C_AGCH_A_1 | LOGICCH | "C_AGCH_A_1" | 1st down link CCCH (AGCH) of cell A |
| C_AGCH_A_2 | LOGICCH | "C_AGCH_A_2" | 2nd down link CCCH (AGCH) of cell A |
| C_AGCH_A_3 | LOGICCH | "C_AGCH_A_3" | 3rd down link CCCH (AGCH) of cell A |
| C_AGCH_A_4 | LOGICCH | "C_AGCH_A_4" | 4th down link CCCH (AGCH) of cell A |
| C_AGCH_B_1 | LOGICCH | "C_AGCH_B_1" | 1st down link CCCH (AGCH) of cell B |
| C_AGCH_B_2 | LOGICCH | "C_AGCH_B_2" | 2nd down link CCCH (AGCH) of |

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| C_AGCH_B_3 | LOGICCH | "C_AGCH_B_3" | cell B 3rd down link CCCH (AGCH) of cell B |
| C_AGCH_B_4 | LOGICCH | "C_AGCH_B_4" | 4th down link CCCH (AGCH) of cell B |
| C_AGCH_C_1 | LOGICCH | "C_AGCH_C_1" | 1st down link CCCH (AGCH) of cell C |
| C_AGCH_C_2 | LOGICCH | "C_AGCH_C_2" | 2nd down link CCCH (AGCH) of cell C |
| C_AGCH_C_3 | LOGICCH | "C_AGCH_C_3" | 3rd down link CCCH (AGCH) of cell C |
| C_AGCH_C_4 | LOGICCH | "C_AGCH_C_4" | 4th down link CCCH (AGCH) of cell C |
| C_AGCH_D_1 | LOGICCH | "C_AGCH_D_1" | 1st down link CCCH (AGCH) of cell D |
| C_AGCH_E_1 | LOGICCH | "C_AGCH_E_1" | 1st down link CCCH (AGCH) of cell E |
| C_AGCH_F_1 | LOGICCH | "C_AGCH_F_1" | 1st down link CCCH (AGCH) of cell F |
| C_AGCH_G_1 | LOGICCH | "C_AGCH_G_1" | 1st down link CCCH (AGCH) of cell G |
| C_AGCH_H_1 | LOGICCH | "C_AGCH_H_1" | 1st down link CCCH (AGCH) of cell H |
| C_PCH_A_1 | LOGICCH | "C_PCH_A_1" | 1st down link CCCH (PCH) of cell A |
| C_PCH_A_2 | LOGICCH | "C_PCH_A_2" | 2nd down link CCCH (PCH) of cell A |
| C_PCH_A_3 | LOGICCH | "C_PCH_A_3" | 3rd down link CCCH (PCH) of cell A |
| C_PCH_A_4 | LOGICCH | "C_PCH_A_4" | 4th down link CCCH (PCH) of cell A |
| C_PCH_B_1 | LOGICCH | "C_PCH_B_1" | 1st down link CCCH (PCH) of cell B |
| C_PCH_B_2 | LOGICCH | "C_PCH_B_2" | 2nd down link CCCH (PCH) of cell B |
| C_PCH_B_3 | LOGICCH | "C_PCH_B_3" | 3rd down link CCCH (PCH) of cell B |
| C_PCH_B_4 | LOGICCH | "C_PCH_B_4" | 4th down link CCCH (PCH) of cell B |
| C_PCH_C_1 | LOGICCH | "C_PCH_C_1" | 1st down link CCCH (PCH) of cell C |
| C_PCH_C_2 | LOGICCH | "C_PCH_C_2" | 2nd down link CCCH (PCH) of cell C |
| C_PCH_C_3 | LOGICCH | "C_PCH_C_3" | 3rd down link CCCH (PCH) of cell C |
| C_PCH_C_4 | LOGICCH | "C_PCH_C_4" | 4th down link CCCH (PCH) of cell C |
| C_PCH_D_1 | LOGICCH | "C_PCH_D_1" | 1st down link CCCH (PCH and AGCH) of cell D |
| C_PCH_E_1 | LOGICCH | "C_PCH_E_1" | 1st down link CCCH (PCH) of cell E |
| C_PCH_F_1 | LOGICCH | "C_PCH_F_1" | 1st down link CCCH (PCH) of cell F |
| C_PCH_G_1 | LOGICCH | "C_PCH_G_1" | 1st down link CCCH (PCH) of cell G |
| C_PCH_H_1 | LOGICCH | "C_PCH_H_1" | 1st down link CCCH (PCH) of cell H |
| C_RACH_A_1 | LOGICCH | "C_RACH_A_1" | 1st uplink CCCH (RACH) of cell A |
| C_RACH_A_2 | LOGICCH | "C_RACH_A_2" | 2nd uplink CCCH (RACH) of cell A |
| C_RACH_A_3 | LOGICCH | "C_RACH_A_3" | 3rd uplink CCCH (RACH) of cell A |
| C_RACH_A_4 | LOGICCH | "C_RACH_A_4" | 4th uplink CCCH (RACH) of cell A |
| C_RACH_B_1 | LOGICCH | "C_RACH_B_1" | 1st uplink CCCH (RACH) of cell B |
| C_RACH_C_1 | LOGICCH | "C_RACH_C_1" | 1st uplink CCCH (RACH) of cell C |
| C_RACH_D_1 | LOGICCH | "C_RACH_D_1" | 1st uplink CCCH (RACH) of cell D |
| C_RACH_E_1 | LOGICCH | "C_RACH_E_1" | 1st uplink CCCH (RACH) of cell E |
| C_RACH_F_1 | LOGICCH | "C_RACH_F_1" | 1st uplink CCCH (RACH) of cell F |
| C_RACH_G_1 | LOGICCH | "C_RACH_G_1" | 1st uplink CCCH (RACH) of cell G |
| C_RACH_H_1 | LOGICCH | "C_RACH_H_1" | 1st uplink CCCH (RACH) of cell H |
| C_FACCHF_A_1 | LOGICCH | "C_FACCHF_A_1" | FACCH associated with 1st |

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| C_FACCHF_A_2 | LOGICCH | "C_FACCHF_A_2" | TCH/F of cell A FACCH associated with 2nd TCH/F of cell A |
| C_FACCHF_A_3 | LOGICCH | "C_FACCHF_A_3" | FACCH associated with 3rd TCH/F of cell A |
| C_FACCHF_B_1 | LOGICCH | "C_FACCHF_B_1" | FACCH associated with 1st TCH/F of cell B |
| C_FACCHF_B_2 | LOGICCH | "C_FACCHF_B_2" | FACCH associated with 2nd TCH/F of cell B |
| C_FACCHF_B_3 | LOGICCH | "C_FACCHF_B_3" | FACCH associated with 3rd TCH/F of cell B |
| C_FACCHF_C_1 | LOGICCH | "C_FACCHF_C_1" | FACCH associated with 1st TCH/F of cell C |
| C_FACCHF_C_2 | LOGICCH | "C_FACCHF_C_2" | FACCH associated with 2nd TCH/F of cell C |
| C_FACCHF_C_3 | LOGICCH | "C_FACCHF_C_3" | FACCH associated with 3rd TCH/F of cell C |
| C_FACCHF_H_1 | LOGICCH | "C_FACCHF_H_1" | FACCH associated with 1st TCH/F of cell H |
| C_FACCHH_A_1 | LOGICCH | "C_FACCHH_A_1" | FACCH associated with 1st TCH/H of cell A |
| C_FACCHH_A_2 | LOGICCH | "C_FACCHH_A_2" | FACCH associated with 2nd TCH/H of cell A |
| C_FACCHH_A_3 | LOGICCH | "C_FACCHH_A_3" | FACCH associated with 3rd TCH/H of cell A |
| C_FACCHH_B_1 | LOGICCH | "C_FACCHH_B_1" | FACCH associated with 1st TCH/H of cell B |
| C_FACCHH_B_2 | LOGICCH | "C_FACCHH_B_2" | FACCH associated with 2nd TCH/H of cell B |
| C_FACCHH_B_3 | LOGICCH | "C_FACCHH_B_3" | FACCH associated with 3rd TCH/H of cell B |
| C_FACCHH_C_1 | LOGICCH | "C_FACCHH_C_1" | FACCH associated with 1st TCH/H of cell C |
| C_FACCHH_C_2 | LOGICCH | "C_FACCHH_C_2" | FACCH associated with 2nd TCH/H of cell C |
| C_FACCHH_C_3 | LOGICCH | "C_FACCHH_C_3" | FACCH associated with 3rd TCH/H of cell C |
| C_FACCHH0_A_1 | LOGICCH | "C_FACCHH0_A_1" | FACCH associated with 1st TCH/H0 of cell A |
| C_FACCHH1_A_1 | LOGICCH | "C_FACCHH1_A_1" | FACCH associated with 1st TCH/H1 of cell A |
| C_FACCHH0_A_2 | LOGICCH | "C_FACCHH0_A_2" | FACCH associated with 2nd TCH/H0 of cell A |
| C_FACCHH1_A_2 | LOGICCH | "C_FACCHH1_A_2" | FACCH associated with 2nd TCH/H1 of cell A |
| C_FACCHH0_A_3 | LOGICCH | "C_FACCHH0_A_3" | FACCH associated with 3rd TCH/H0 of cell A |
| C_FACCHH1_A_3 | LOGICCH | "C_FACCHH1_A_3" | FACCH associated with 3rd TCH/H1 of cell A |
| C_FACCHH0_B_1 | LOGICCH | "C_FACCHH0_B_1" | FACCH associated with 1st TCH/H0 of cell B |
| C_FACCHH1_B_1 | LOGICCH | "C_FACCHH1_B_1" | FACCH associated with 1st TCH/H1 of cell B |
| C_FACCHH0_B_2 | LOGICCH | "C_FACCHH0_B_2" | FACCH associated with 2nd TCH/H0 of cell B |
| C_FACCHH1_B_2 | LOGICCH | "C_FACCHH1_B_2" | FACCH associated with 2nd TCH/H1 of cell B |
| C_FACCHH0_B_3 | LOGICCH | "C_FACCHH0_B_3" | FACCH associated with 3rd TCH/H0 of cell B |
| C_FACCHH1_B_3 | LOGICCH | "C_FACCHH1_B_3" | FACCH associated with 3rd TCH/H1 of cell B |
| C_FACCHH0_C_1 | LOGICCH | "C_FACCHH0_C_1" | FACCH associated with 1st TCH/H0 of cell C |
| C_FACCHH1_C_1 | LOGICCH | "C_FACCHH1_C_1" | FACCH associated with 1st TCH/H1 of cell C |
| C_FACCHH0_C_2 | LOGICCH | "C_FACCHH0_C_2" | FACCH associated with 2nd TCH/H0 of cell C |
| C_FACCHH1_C_2 | LOGICCH | "C_FACCHH1_C_2" | FACCH associated with 2nd TCH/H1 of cell C |
| C_FACCHH0_C_3 | LOGICCH | "C_FACCHH0_C_3" | FACCH associated with 3rd TCH/H0 of cell C |

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| C_FACCHH1_C_3 | LOGICCH | "C_FACCHH1_C_3" | FACCH associated with 3rd TCH/H1 of cell C |
| C_SACCH_A | LOGICCH | "C_SACCH_A" | all SACCHs of cell A |
| C_SACCH_B | LOGICCH | "C_SACCH_B" | all SACCHs of cell B |
| C_SACCH_C | LOGICCH | "C_SACCH_C" | all SACCHs of cell C |
| C_SACCH_D | LOGICCH | "C_SACCH_D" | all SACCHs of cell D |
| C_SACCH_E | LOGICCH | "C_SACCH_E" | all SACCHs of cell E |
| C_SACCH_F | LOGICCH | "C_SACCH_F" | all SACCHs of cell F |
| C_SACCH_G | LOGICCH | "C_SACCH_G" | all SACCHs of cell G |
| C_SACCH_H | LOGICCH | "C_SACCH_H" | all SACCHs of cell H |
| C_SACCHF_A_1 | LOGICCH | "C_SACCHF_A_1" | SACCH associated with 1st TCH/F of cell A |
| C_SACCHF_A_2 | LOGICCH | "C_SACCHF_A_2" | SACCH associated with 2nd TCH/F of cell A |
| C_SACCHF_B_1 | LOGICCH | "C_SACCHF_B_1" | SACCH associated with 1st TCH/F of cell B |
| C_SACCHF_B_2 | LOGICCH | "C_SACCHF_B_2" | SACCH associated with 2nd TCH/F of cell B |
| C_SACCHF_H_1 | LOGICCH | "C_SACCHF_H_1" | SACCH associated with 1st TCH/F of cell H |
| C_SACCHH_A_1 | LOGICCH | "C_SACCHH_A_1" | SACCH associated with 1st TCH/H of cell A |
| C_SACCHH_A_2 | LOGICCH | "C_SACCHH_A_2" | SACCH associated with 2nd TCH/H of cell A |
| C_SACCHH_A_3 | LOGICCH | "C_SACCHH_A_3" | SACCH associated with 3rd TCH/H of cell A |
| C_SACCHH_B_1 | LOGICCH | "C_SACCHH_B_1" | SACCH associated with 1st TCH/H of cell B |
| C_SACCHH_B_2 | LOGICCH | "C_SACCHH_B_2" | SACCH associated with 2nd TCH/H of cell B |
| C_SACCHH_B_3 | LOGICCH | "C_SACCHH_B_3" | SACCH associated with 3rd TCH/H of cell B |
| C_SACCHH_C_1 | LOGICCH | "C_SACCHH_C_1" | SACCH associated with 1st TCH/H of cell C |
| C_SACCHH_C_2 | LOGICCH | "C_SACCHH_C_2" | SACCH associated with 2nd TCH/H of cell C |
| C_SACCHH_C_3 | LOGICCH | "C_SACCHH_C_3" | SACCH associated with 3rd TCH/H of cell C |
| C_SACCHH0_A_1 | LOGICCH | "C_SACCHH0_A_1" | SACCH associated with 1st TCH/H_0 of cell A |
| C_SACCHH1_A_1 | LOGICCH | "C_SACCHH1_A_1" | SACCH associated with 1st TCH/H_1 of cell A |
| C_SACCHH0_A_2 | LOGICCH | "C_SACCHH0_A_2" | SACCH associated with 2nd TCH/H_0 of cell A |
| C_SACCHH1_A_2 | LOGICCH | "C_SACCHH1_A_2" | SACCH associated with 2nd TCH/H_1 of cell A |
| C_SACCHH0_A_3 | LOGICCH | "C_SACCHH0_A_3" | SACCH associated with 3rd TCH/H_0 of cell A |
| C_SACCHH1_A_3 | LOGICCH | "C_SACCHH1_A_3" | SACCH associated with 3rd TCH/H_1 of cell A |
| C_SACCHH0_B_1 | LOGICCH | "C_SACCHH0_B_1" | SACCH associated with 1st TCH/H_0 of cell B |
| C_SACCHH1_B_1 | LOGICCH | "C_SACCHH1_B_1" | SACCH associated with 1st TCH/H_1 of cell B |
| C_SACCHH0_B_2 | LOGICCH | "C_SACCHH0_B_2" | SACCH associated with 2nd TCH/H_0 of cell B |
| C_SACCHH1_B_2 | LOGICCH | "C_SACCHH1_B_2" | SACCH associated with 2nd TCH/H_1 of cell B |
| C_SACCHH0_B_3 | LOGICCH | "C_SACCHH0_B_3" | SACCH associated with 3rd TCH/H_0 of cell B |
| C_SACCHH1_B_3 | LOGICCH | "C_SACCHH1_B_3" | SACCH associated with 3rd TCH/H_1 of cell B |
| C_SACCHH0_C_1 | LOGICCH | "C_SACCHH0_C_1" | SACCH associated with 1st TCH/H_0 of cell C |
| C_SACCHH1_C_1 | LOGICCH | "C_SACCHH1_C_1" | SACCH associated with 1st TCH/H_1 of cell C |
| C_SACCHH0_C_2 | LOGICCH | "C_SACCHH0_C_2" | SACCH associated with 2nd TCH/H_0 of cell C |
| C_SACCHH1_C_2 | LOGICCH | "C_SACCHH1_C_2" | SACCH associated with 2nd TCH/H_1 of cell C |

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| C_SACCHH0_C_3 | LOGICCH | "C_SACCHH0_C_3" | SACCH associated with 3rd TCH/H_0 of cell C |
| C_SACCHH1_C_3 | LOGICCH | "C_SACCHH1_C_3" | SACCH associated with 3rd TCH/H_1 of cell C |
| C_SACCHC4_A | LOGICCH | "C_SACCHC4_A" | SACCHC4 channel of cell A |
| C_SACCHC4_B | LOGICCH | "C_SACCHC4_B" | SACCHC4 channel of cell B |
| C_SACCHC4_C | LOGICCH | "C_SACCHC4_C" | SACCHC4 channel of cell C |
| C_SACCHC4_D | LOGICCH | "C_SACCHC4_D" | SACCHC4 channel of cell D |
| C_SACCHC4_E | LOGICCH | "C_SACCHC4_E" | SACCHC4 channel of cell E |
| C_SACCHC4_F | LOGICCH | "C_SACCHC4_F" | SACCHC4 channel of cell F |
| C_SACCHC4_G | LOGICCH | "C_SACCHC4_G" | SACCHC4 channel of cell G |
| C_SACCHC4_H | LOGICCH | "C_SACCHC4_H" | SACCHC4 channel of cell H |
| C_SACCHC40_A | LOGICCH | "C_SACCHC40_A" | SACCH/C4(0) associated with SDCCH/4(0) of cell A |
| C_SACCHC41_A | LOGICCH | "C_SACCHC41_A" | SACCH/C4(1) associated with SDCCH/4(1) of cell A |
| C_SACCHC42_A | LOGICCH | "C_SACCHC42_A" | SACCH/C4(2) associated with SDCCH/4(2) of cell A |
| C_SACCHC43_A | LOGICCH | "C_SACCHC43_A" | SACCH/C4(3) associated with SDCCH/4(3) of cell A |
| C_SACCHC40_B | LOGICCH | "C_SACCHC40_B" | SACCH/C4(0) associated with SDCCH/4(0) of cell B |
| C_SACCHC41_B | LOGICCH | "C_SACCHC41_B" | SACCH/C4(1) associated with SDCCH/4(1) of cell B |
| C_SACCHC42_B | LOGICCH | "C_SACCHC42_B" | SACCH/C4(2) associated with SDCCH/4(2) of cell B |
| C_SACCHC43_B | LOGICCH | "C_SACCHC43_B" | SACCH/C4(3) associated with SDCCH/4(3) of cell B |
| C_SACCHC40_C | LOGICCH | "C_SACCHC40_C" | SACCH/C4(0) associated with SDCCH/4(0) of cell C |
| C_SACCHC41_C | LOGICCH | "C_SACCHC41_C" | SACCH/C4(1) associated with SDCCH/4(1) of cell C |
| C_SACCHC42_C | LOGICCH | "C_SACCHC42_C" | SACCH/C4(2) associated with SDCCH/4(2) of cell C |
| C_SACCHC43_C | LOGICCH | "C_SACCHC43_C" | SACCH/C4(3) associated with SDCCH/4(3) of cell C |
| C_SACCHC40_D | LOGICCH | "C_SACCHC40_D" | SACCH/C4(0) associated with SDCCH/4(0) of cell D |
| C_SACCHC41_D | LOGICCH | "C_SACCHC41_D" | SACCH/C4(1) associated with SDCCH/4(1) of cell D |
| C_SACCHC42_D | LOGICCH | "C_SACCHC42_D" | SACCH/C4(2) associated with SDCCH/4(2) of cell D |
| C_SACCHC43_D | LOGICCH | "C_SACCHC43_D" | SACCH/C4(3) associated with SDCCH/4(3) of cell D |
| C_SACCHC40_E | LOGICCH | "C_SACCHC40_E" | SACCH/C4(0) associated with SDCCH/4(0) of cell E |
| C_SACCHC41_E | LOGICCH | "C_SACCHC41_E" | SACCH/C4(1) associated with SDCCH/4(1) of cell E |
| C_SACCHC42_E | LOGICCH | "C_SACCHC42_E" | SACCH/C4(2) associated with SDCCH/4(2) of cell E |
| C_SACCHC43_E | LOGICCH | "C_SACCHC43_E" | SACCH/C4(3) associated with SDCCH/4(3) of cell E |
| C_SACCHC40_F | LOGICCH | "C_SACCHC40_F" | SACCH/C4(0) associated with SDCCH/4(0) of cell F |
| C_SACCHC41_F | LOGICCH | "C_SACCHC41_F" | SACCH/C4(1) associated with SDCCH/4(1) of cell F |
| C_SACCHC42_F | LOGICCH | "C_SACCHC42_F" | SACCH/C4(2) associated with SDCCH/4(2) of cell F |
| C_SACCHC43_F | LOGICCH | "C_SACCHC43_F" | SACCH/C4(3) associated with SDCCH/4(3) of cell F |
| C_SACCHC40_G | LOGICCH | "C_SACCHC40_G" | SACCH/C4(0) associated with SDCCH/4(0) of cell G |
| C_SACCHC41_G | LOGICCH | "C_SACCHC41_G" | SACCH/C4(1) associated with SDCCH/4(1) of cell G |
| C_SACCHC42_G | LOGICCH | "C_SACCHC42_G" | SACCH/C4(2) associated with SDCCH/4(2) of cell G |
| C_SACCHC43_G | LOGICCH | "C_SACCHC43_G" | SACCH/C4(3) associated with SDCCH/4(3) of cell G |
| C_SACCHC40_H | LOGICCH | "C_SACCHC40_C" | SACCH/C4(0) associated with SDCCH/4(0) of cell H |

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| C_SACCHC41_H | LOGICCH | "C_SACCHC41_C" | SACCH/C4(1) associated with SDCCH/4(1) of cell H |
| C_SACCHC42_H | LOGICCH | "C_SACCHC42_C" | SACCH/C4(2) associated with SDCCH/4(2) of cell H |
| C_SACCHC43_H | LOGICCH | "C_SACCHC43_C" | SACCH/C4(3) associated with SDCCH/4(3) of cell H |
| C_SACCHC8_A_1 | LOGICCH | "C_SACCHC8_A_1" | 1st SACCH/8 channel of cell A |
| C_SACCHC8_A_2 | LOGICCH | "C_SACCHC8_A_2" | 2nd SACCH/8 channel of cell A |
| C_SACCHC8_A_3 | LOGICCH | "C_SACCHC8_A_3" | 3rd SACCH/8 channel of cell A |
| C_SACCHC8_B_1 | LOGICCH | "C_SACCHC8_B_1" | 1st SACCH/8 channel of cell B |
| C_SACCHC8_B_2 | LOGICCH | "C_SACCHC8_B_2" | 2nd SACCH/8 channel of cell B |
| C_SACCHC8_B_3 | LOGICCH | "C_SACCHC8_B_3" | 3rd SACCH/8 channel of cell B |
| C_SACCHC8_C_1 | LOGICCH | "C_SACCHC8_C_1" | 1st SACCH/8 channel of cell C |
| C_SACCHC8_C_2 | LOGICCH | "C_SACCHC8_C_2" | 2nd SACCH/8 channel of cell C |
| C_SACCHC8_C_3 | LOGICCH | "C_SACCHC8_C_3" | 3rd SACCH/8 channel of cell C |
| C_SACCHC80_A_1 | LOGICCH | "C_SACCHC80_A_1" | SACCH/C8(0) associated with 1st SDCCH/8(0) of cell A |
| C_SACCHC81_A_1 | LOGICCH | "C_SACCHC81_A_1" | SACCH/C8(1) associated with 1st SDCCH/8(1) of cell A |
| C_SACCHC82_A_1 | LOGICCH | "C_SACCHC82_A_1" | SACCH/C8(2) associated with 1st SDCCH/8(2) of cell A |
| C_SACCHC83_A_1 | LOGICCH | "C_SACCHC83_A_1" | SACCH/C8(3) associated with 1st SDCCH/8(3) of cell A |
| C_SACCHC84_A_1 | LOGICCH | "C_SACCHC84_A_1" | SACCH/C8(4) associated with 1st SDCCH/8(4) of cell A |
| C_SACCHC85_A_1 | LOGICCH | "C_SACCHC85_A_1" | SACCH/C8(5) associated with 1st SDCCH/8(5) of cell A |
| C_SACCHC86_A_1 | LOGICCH | "C_SACCHC86_A_1" | SACCH/C8(6) associated with 1st SDCCH/8(6) of cell A |
| C_SACCHC87_A_1 | LOGICCH | "C_SACCHC87_A_1" | SACCH/C8(7) associated with 1st SDCCH/8(7) of cell A |
| C_SACCHC80_A_2 | LOGICCH | "C_SACCHC80_A_2" | SACCH/C8(0) associated with 2nd SDCCH/8(0) of cell A |
| C_SACCHC81_A_2 | LOGICCH | "C_SACCHC81_A_2" | SACCH/C8(1) associated with 2nd SDCCH/8(1) of cell A |
| C_SACCHC82_A_2 | LOGICCH | "C_SACCHC82_A_2" | SACCH/C8(2) associated with 2nd SDCCH/8(2) of cell A |
| C_SACCHC83_A_2 | LOGICCH | "C_SACCHC83_A_2" | SACCH/C8(3) associated with 2nd SDCCH/8(3) of cell A |
| C_SACCHC84_A_2 | LOGICCH | "C_SACCHC84_A_2" | SACCH/C8(4) associated with 2nd SDCCH/8(4) of cell A |
| C_SACCHC85_A_2 | LOGICCH | "C_SACCHC85_A_2" | SACCH/C8(5) associated with 2nd SDCCH/8(5) of cell A |
| C_SACCHC86_A_2 | LOGICCH | "C_SACCHC86_A_2" | SACCH/C8(6) associated with 2nd SDCCH/8(6) of cell A |
| C_SACCHC87_A_2 | LOGICCH | "C_SACCHC87_A_2" | SACCH/C8(7) associated with 2nd SDCCH/8(7) of cell A |
| C_SACCHC80_A_3 | LOGICCH | "C_SACCHC80_A_3" | SACCH/C8(0) associated with 3rd SDCCH/8(0) of cell A |
| C_SACCHC81_A_3 | LOGICCH | "C_SACCHC81_A_3" | SACCH/C8(1) associated with 3rd SDCCH/8(1) of cell A |
| C_SACCHC82_A_3 | LOGICCH | "C_SACCHC82_A_3" | SACCH/C8(2) associated with 3rd SDCCH/8(2) of cell A |
| C_SACCHC83_A_3 | LOGICCH | "C_SACCHC83_A_3" | SACCH/C8(3) associated with 3rd SDCCH/8(3) of cell A |
| C_SACCHC84_A_3 | LOGICCH | "C_SACCHC84_A_3" | SACCH/C8(4) associated with 3rd SDCCH/8(4) of cell A |
| C_SACCHC85_A_3 | LOGICCH | "C_SACCHC85_A_3" | SACCH/C8(5) associated with 3rd SDCCH/8(5) of cell A |
| C_SACCHC86_A_3 | LOGICCH | "C_SACCHC86_A_3" | SACCH/C8(6) associated with 3rd SDCCH/8(6) of cell A |
| C_SACCHC87_A_3 | LOGICCH | "C_SACCHC87_A_3" | SACCH/C8(7) associated with 3rd SDCCH/8(7) of cell A |
| C_SACCHC80_B_1 | LOGICCH | "C_SACCHC80_B_1" | SACCH/C8(0) associated with 1st SDCCH/8(0) of cell B |
| C_SACCHC81_B_1 | LOGICCH | "C_SACCHC81_B_1" | SACCH/C8(1) associated with 1st SDCCH/8(1) of cell B |
| C_SACCHC82_B_1 | LOGICCH | "C_SACCHC82_B_1" | SACCH/C8(2) associated with 1st SDCCH/8(2) of cell B |
| C_SACCHC83_B_1 | LOGICCH | "C_SACCHC83_B_1" | SACCH/C8(3) associated with 1st |

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| C_SACCHC84_B_1 | LOGICCH | "C_SACCHC84_B_1" | SDCCH/8(3) of cell B |
| C_SACCHC85_B_1 | LOGICCH | "C_SACCHC85_B_1" | SACCH/C8(4) associated with 1st SDCCH/8(4) of cell B |
| C_SACCHC86_B_1 | LOGICCH | "C_SACCHC86_B_1" | SACCH/C8(5) associated with 1st SDCCH/8(5) of cell B |
| C_SACCHC87_B_1 | LOGICCH | "C_SACCHC87_B_1" | SACCH/C8(6) associated with 1st SDCCH/8(6) of cell B |
| C_SACCHC80_B_2 | LOGICCH | "C_SACCHC80_B_2" | SACCH/C8(7) associated with 1st SDCCH/8(7) of cell B |
| C_SACCHC81_B_2 | LOGICCH | "C_SACCHC81_B_2" | SACCH/C8(0) associated with 2nd SDCCH/8(0) of cell B |
| C_SACCHC82_B_2 | LOGICCH | "C_SACCHC82_B_2" | SACCH/C8(1) associated with 2nd SDCCH/8(1) of cell B |
| C_SACCHC83_B_2 | LOGICCH | "C_SACCHC83_B_2" | SACCH/C8(2) associated with 2nd SDCCH/8(2) of cell B |
| C_SACCHC84_B_2 | LOGICCH | "C_SACCHC84_B_2" | SACCH/C8(3) associated with 2nd SDCCH/8(3) of cell B |
| C_SACCHC85_B_2 | LOGICCH | "C_SACCHC85_B_2" | SACCH/C8(4) associated with 2nd SDCCH/8(4) of cell B |
| C_SACCHC86_B_2 | LOGICCH | "C_SACCHC86_B_2" | SACCH/C8(5) associated with 2nd SDCCH/8(5) of cell B |
| C_SACCHC87_B_2 | LOGICCH | "C_SACCHC87_B_2" | SACCH/C8(6) associated with 2nd SDCCH/8(6) of cell B |
| C_SACCHC80_B_3 | LOGICCH | "C_SACCHC80_B_3" | SACCH/C8(7) associated with 2nd SDCCH/8(7) of cell B |
| C_SACCHC81_B_3 | LOGICCH | "C_SACCHC81_B_3" | SACCH/C8(0) associated with 3rd SDCCH/8(0) of cell B |
| C_SACCHC82_B_3 | LOGICCH | "C_SACCHC82_B_3" | SACCH/C8(1) associated with 3rd SDCCH/8(1) of cell B |
| C_SACCHC83_B_3 | LOGICCH | "C_SACCHC83_B_3" | SACCH/C8(2) associated with 3rd SDCCH/8(2) of cell B |
| C_SACCHC84_B_3 | LOGICCH | "C_SACCHC84_B_3" | SACCH/C8(3) associated with 3rd SDCCH/8(3) of cell B |
| C_SACCHC85_B_3 | LOGICCH | "C_SACCHC85_B_3" | SACCH/C8(4) associated with 3rd SDCCH/8(4) of cell B |
| C_SACCHC86_B_3 | LOGICCH | "C_SACCHC86_B_3" | SACCH/C8(5) associated with 3rd SDCCH/8(5) of cell B |
| C_SACCHC87_B_3 | LOGICCH | "C_SACCHC87_B_3" | SACCH/C8(6) associated with 3rd SDCCH/8(6) of cell B |
| C_SACCHC80_C_1 | LOGICCH | "C_SACCHC80_C_1" | SACCH/C8(7) associated with 3rd SDCCH/8(7) of cell B |
| C_SACCHC81_C_1 | LOGICCH | "C_SACCHC81_C_1" | SACCH/C8(0) associated with 1st SDCCH/8(0) of cell C |
| C_SACCHC82_C_1 | LOGICCH | "C_SACCHC82_C_1" | SACCH/C8(1) associated with 1st SDCCH/8(1) of cell C |
| C_SACCHC83_C_1 | LOGICCH | "C_SACCHC83_C_1" | SACCH/C8(2) associated with 1st SDCCH/8(2) of cell C |
| C_SACCHC84_C_1 | LOGICCH | "C_SACCHC84_C_1" | SACCH/C8(3) associated with 1st SDCCH/8(3) of cell C |
| C_SACCHC85_C_1 | LOGICCH | "C_SACCHC85_C_1" | SACCH/C8(4) associated with 1st SDCCH/8(4) of cell C |
| C_SACCHC86_C_1 | LOGICCH | "C_SACCHC86_C_1" | SACCH/C8(5) associated with 1st SDCCH/8(5) of cell C |
| C_SACCHC87_C_1 | LOGICCH | "C_SACCHC87_C_1" | SACCH/C8(6) associated with 1st SDCCH/8(6) of cell C |
| C_SACCHC80_C_2 | LOGICCH | "C_SACCHC80_C_2" | SACCH/C8(7) associated with 1st SDCCH/8(7) of cell C |
| C_SACCHC81_C_2 | LOGICCH | "C_SACCHC81_C_2" | SACCH/C8(0) associated with 2nd SDCCH/8(0) of cell C |
| C_SACCHC82_C_2 | LOGICCH | "C_SACCHC82_C_2" | SACCH/C8(1) associated with 2nd SDCCH/8(1) of cell C |
| C_SACCHC83_C_2 | LOGICCH | "C_SACCHC83_C_2" | SACCH/C8(2) associated with 2nd SDCCH/8(2) of cell C |
| C_SACCHC84_C_2 | LOGICCH | "C_SACCHC84_C_2" | SACCH/C8(3) associated with 2nd SDCCH/8(3) of cell C |
| C_SACCHC85_C_2 | LOGICCH | "C_SACCHC85_C_2" | SACCH/C8(4) associated with 2nd SDCCH/8(4) of cell C |
| C_SACCHC86_C_2 | LOGICCH | "C_SACCHC86_C_2" | SACCH/C8(5) associated with 2nd SDCCH/8(5) of cell C |
| | | | SACCH/C8(6) associated with 2nd SDCCH/8(6) of cell C |

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| C_SACCHC87_C_2 | LOGICCH | "C_SACCHC87_C_2" | SACCH/C8(7) associated with 2nd SDCCH/8(7) of cell C |
| C_SACCHC80_C_3 | LOGICCH | "C_SACCHC80_C_3" | SACCH/C8(0) associated with 3rd SDCCH/8(0) of cell C |
| C_SACCHC81_C_3 | LOGICCH | "C_SACCHC81_C_3" | SACCH/C8(1) associated with 3rd SDCCH/8(1) of cell C |
| C_SACCHC82_C_3 | LOGICCH | "C_SACCHC82_C_3" | SACCH/C8(2) associated with 3rd SDCCH/8(2) of cell C |
| C_SACCHC83_C_3 | LOGICCH | "C_SACCHC83_C_3" | SACCH/C8(3) associated with 3rd SDCCH/8(3) of cell C |
| C_SACCHC84_C_3 | LOGICCH | "C_SACCHC84_C_3" | SACCH/C8(4) associated with 3rd SDCCH/8(4) of cell C |
| C_SACCHC85_C_3 | LOGICCH | "C_SACCHC85_C_3" | SACCH/C8(5) associated with 3rd SDCCH/8(5) of cell C |
| C_SACCHC86_C_3 | LOGICCH | "C_SACCHC86_C_3" | SACCH/C8(6) associated with 3rd SDCCH/8(6) of cell C |
| C_SACCHC87_C_3 | LOGICCH | "C_SACCHC87_C_3" | SACCH/C8(7) associated with 3rd SDCCH/8(7) of cell C |
| C_SDCCH4_A | LOGICCH | "C_SDCCH4_A" | SDCCH/4 channel of cell A |
| C_SDCCH4_B | LOGICCH | "C_SDCCH4_B" | SDCCH/4 channel of cell B |
| C_SDCCH4_C | LOGICCH | "C_SDCCH4_C" | SDCCH/4 channel of cell C |
| C_SDCCH4_D | LOGICCH | "C_SDCCH4_D" | SDCCH/4 channel of cell D |
| C_SDCCH4_E | LOGICCH | "C_SDCCH4_E" | SDCCH/4 channel of cell E |
| C_SDCCH4_F | LOGICCH | "C_SDCCH4_F" | SDCCH/4 channel of cell F |
| C_SDCCH4_G | LOGICCH | "C_SDCCH4_G" | SDCCH/4 channel of cell G |
| C_SDCCH4_H | LOGICCH | "C_SDCCH4_H" | SDCCH/4 channel of cell H |
| C_SDCCH40_A | LOGICCH | "C_SDCCH40_A" | SDCCH/4(0) of cell A |
| C_SDCCH41_A | LOGICCH | "C_SDCCH41_A" | SDCCH/4(1) of cell A |
| C_SDCCH42_A | LOGICCH | "C_SDCCH42_A" | SDCCH/4(2) of cell A |
| C_SDCCH43_A | LOGICCH | "C_SDCCH43_A" | SDCCH/4(3) of cell A |
| C_SDCCH40_B | LOGICCH | "C_SDCCH40_B" | SDCCH/4(0) of cell B |
| C_SDCCH41_B | LOGICCH | "C_SDCCH41_B" | SDCCH/4(1) of cell B |
| C_SDCCH42_B | LOGICCH | "C_SDCCH42_B" | SDCCH/4(2) of cell B |
| C_SDCCH43_B | LOGICCH | "C_SDCCH43_B" | SDCCH/4(3) of cell B |
| C_SDCCH40_C | LOGICCH | "C_SDCCH40_C" | SDCCH/4(0) of cell C |
| C_SDCCH41_C | LOGICCH | "C_SDCCH41_C" | SDCCH/4(1) of cell C |
| C_SDCCH42_C | LOGICCH | "C_SDCCH42_C" | SDCCH/4(2) of cell C |
| C_SDCCH43_C | LOGICCH | "C_SDCCH43_C" | SDCCH/4(3) of cell C |
| C_SDCCH40_D | LOGICCH | "C_SDCCH40_D" | SDCCH/4(0) of cell D |
| C_SDCCH41_D | LOGICCH | "C_SDCCH41_D" | SDCCH/4(1) of cell D |
| C_SDCCH42_D | LOGICCH | "C_SDCCH42_D" | SDCCH/4(2) of cell D |
| C_SDCCH43_D | LOGICCH | "C_SDCCH43_D" | SDCCH/4(3) of cell D |
| C_SDCCH40_E | LOGICCH | "C_SDCCH40_E" | SDCCH/4(0) of cell E |
| C_SDCCH41_E | LOGICCH | "C_SDCCH41_E" | SDCCH/4(1) of cell E |
| C_SDCCH42_E | LOGICCH | "C_SDCCH42_E" | SDCCH/4(2) of cell E |
| C_SDCCH43_E | LOGICCH | "C_SDCCH43_E" | SDCCH/4(3) of cell E |
| C_SDCCH40_F | LOGICCH | "C_SDCCH40_F" | SDCCH/4(0) of cell F |
| C_SDCCH41_F | LOGICCH | "C_SDCCH41_F" | SDCCH/4(1) of cell F |
| C_SDCCH42_F | LOGICCH | "C_SDCCH42_F" | SDCCH/4(2) of cell F |
| C_SDCCH43_F | LOGICCH | "C_SDCCH43_F" | SDCCH/4(3) of cell F |
| C_SDCCH40_G | LOGICCH | "C_SDCCH40_G" | SDCCH/4(0) of cell G |
| C_SDCCH41_G | LOGICCH | "C_SDCCH41_G" | SDCCH/4(1) of cell G |
| C_SDCCH42_G | LOGICCH | "C_SDCCH42_G" | SDCCH/4(2) of cell G |
| C_SDCCH43_G | LOGICCH | "C_SDCCH43_G" | SDCCH/4(3) of cell G |
| C_SDCCH40_H | LOGICCH | "C_SDCCH40_H" | SDCCH/4(0) of cell H |
| C_SDCCH41_H | LOGICCH | "C_SDCCH41_H" | SDCCH/4(1) of cell H |
| C_SDCCH42_H | LOGICCH | "C_SDCCH42_H" | SDCCH/4(2) of cell H |
| C_SDCCH43_H | LOGICCH | "C_SDCCH43_H" | SDCCH/4(3) of cell H |
| C_SDCCH8_A_1 | LOGICCH | "C_SDCCH8_A_1" | 1st SDCCH/8 channel of cell A |
| C_SDCCH8_A_2 | LOGICCH | "C_SDCCH8_A_2" | 2nd SDCCH/8 channel of cell A |
| C_SDCCH8_A_3 | LOGICCH | "C_SDCCH8_A_3" | 3rd SDCCH/8 channel of cell A |
| C_SDCCH8_B_1 | LOGICCH | "C_SDCCH8_B_1" | 1st SDCCH/8 channel of cell B |
| C_SDCCH8_B_2 | LOGICCH | "C_SDCCH8_B_2" | 2nd SDCCH/8 channel of cell B |
| C_SDCCH80_A_1 | LOGICCH | "C_SDCCH80_A_1" | 1st SDCCH/8(0) of cell A |
| C_SDCCH81_A_1 | LOGICCH | "C_SDCCH81_A_1" | 1st SDCCH/8(1) of cell A |
| C_SDCCH82_A_1 | LOGICCH | "C_SDCCH82_A_1" | 1st SDCCH/8(2) of cell A |

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| C_SDCCH84_C_3 | LOGICCH | "C_SDCCH84_C_3" | 3rd SDCCH/8(4) of cell C |
| C_SDCCH85_C_3 | LOGICCH | "C_SDCCH85_C_3" | 3rd SDCCH/8(5) of cell C |
| C_SDCCH86_C_3 | LOGICCH | "C_SDCCH86_C_3" | 3rd SDCCH/8(6) of cell C |
| C_SDCCH87_C_3 | LOGICCH | "C_SDCCH87_C_3" | 3rd SDCCH/8(7) of cell C |
| C_CHSDCCH8_FH | OCTETSTRING | '00'O | ch.type SDCCH8 with FH |
| C_CHSDCCH8_NonFH | OCTETSTRING | '01'O | ch.type SDCCH8 No FH |
| C_CHSDCCH4_NonFH | OCTETSTRING | '03'O | ch.type SDCCH4 NoFH |
| C_CHTCHF_FH | OCTETSTRING | '04'O | ch.type TCHF FH |
| C_CHTCHF_NonFH | OCTETSTRING | '05'O | ch.type TCHF NonFH |
| C_CHTCHH_FH | OCTETSTRING | '06'O | ch.type TCHH FH |
| C_TCHF_ACCHF_1 | LOGCH | "C_TCHF_ACCHF_1" | first TCH/F + ACCHs type channel |
| C_TCHF_ACCHF_2 | LOGCH | "C_TCHF_ACCHF_2" | second TCH/F + ACCHs type channel |
| C_TCHH_ACCHH_1 | LOGCH | "C_TCHH_ACCHH_1" | first TCH/H + ACCHs type channel |
| C_TCHH_ACCHH_2 | LOGCH | "C_TCHH_ACCHH_2" | second TCH/H + ACCHs type channel |
| C_FCCH_SCH_BCCH_CCCH_H | LOGCH | "C_FCCH_SCH_BCCH_CCCH_H" | FCCH_SCH_BCCH_CCCH type channel |
| C_BCCH_CCCH_2 | LOGCH | "C_BCCH_CCCH_2" | second BCCH_CCCH type channel |
| C_BCCH_CCCH_3 | LOGCH | "C_BCCH_CCCH_3" | third BCCH_CCCH type channel |
| C_BCCH_CCCH_4 | LOGCH | "C_BCCH_CCCH_4" | fourth BCCH_CCCH type channel |
| C_FCCH_SCH_BCCH_CCCH_H_SDCCH4_SACCHC4 | LOGCH | "C_FCCH_SCH_BCCH_CCCH_H_SDCCH4_SACCHC4" | combined CCCH type channel |
| C_CBCH_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC4 | LOGCH | "C_CBCH_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC4" | combined CCCH type channel for cell broadcast SM |
| C_SDCCH8_SACCHC8_1 | LOGCH | "C_SDCCH8_SACCHC8_1" | first SDCCH/8 type channel |
| C_SDCCH8_SACCHC8_2 | LOGCH | "C_SDCCH8_SACCHC8_2" | second SDCCH/8 type channel |
| C_SDCCH8_SACCHC8_3 | LOGCH | "C_SDCCH8_SACCHC8_3" | 3rd SDCCH/8 type channel |
| C_S0 | SN | '000'B | time slot 0 |
| C_S2 | SN | '010'B | time slot 2 |
| C_S3 | SN | '011'B | time slot 3 |
| C_S4 | SN | '100'B | time slot 4 |
| C_S6 | SN | '110'B | time slot 6 |
| C_Rcv | BITSTRING | '101'B | receiving only |
| C_SAVE | INTEGER | 0 | the OC_SaveAndProc saves input values |
| C_PROC | INTEGER | 1 | the OC_SvaAndProc processes saved values |
| C_RETRV | INTEGER | 1 | |
| C_U1 | CCSTATE | 1 | CC state U1 |
| C_U3 | CCSTATE | 3 | CC state U3 |
| C_U4 | CCSTATE | 4 | CC state U4 |
| C_U6 | CCSTATE | 6 | CC state U6 |
| C_U7 | CCSTATE | 7 | CC state U7 |
| C_U8 | CCSTATE | 8 | CC state U8 |
| C_U9 | CCSTATE | 9 | CC state U9 |
| C_U10 | CCSTATE | 10 | CC state U10 |
| C_U11 | CCSTATE | 11 | CC state U11 |
| C_U12 | CCSTATE | 12 | CC state U12 |
| C_U19 | CCSTATE | 19 | CC state U19 |
| C_U26 | CCSTATE | 26 | CC state U26 |
| C_NxtButOne | SENDINGMODE | 1 | send the second message on the next but one paging subblock |
| C_FmrAGB | SENDINGMODE | 2 | send the second message on the former access grant block |
| C_BfReOcc | SENDINGMODE | 3 | send the second message before the MS's original paging subchannel re-occurs, but later than the next paging block of that CCCH |
| C_NxtButOneNxt | SENDINGMODE | 4 | nothing is sent in the next but one paging sub block, then send the second message in the next paging subblock of |

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| C_CMServiceTypeE | CMSVTYPE | '0010'B | the MS's paging subchannel CM Service Type for emergency call. |
| C_Telephony | IA5String | "C_Telephony" | telephony service (TS11) |
| C_EmgCallSRV | IA5String | "C_EmgCallSRV" | emergency call service (TS12) |
| C_AltSpchG3_2400 | IA5String | "C_AltSpchG3_2400" | alternate speech and G3 fax (rate: 2400 Bit/s) service (TS61) |
| C_AltSpchG3_4800 | IA5String | "C_AltSpchG3_4800" | alternate speech and G3 fax (rate: 4800 Bit/s) service (TS61) |
| C_AltSpchG3_9600 | IA5String | "C_AltSpchG3_9600" | alternate speech and G3 fax (rate: 9600 Bit/s) service (TS61) |
| C_AutoG3_T_2400 | IA5String | "C_AutoG3_T_2400" | automatic G3 fax service (TS62) transparent, user rate 2,4 kbits/s |
| C_AutoG3_T_4800 | IA5String | "C_AutoG3_T_4800" | automatic G3 fax service (TS62) transparent, user rate 4,8 kbits/s |
| C_AutoG3_T_9600 | IA5String | "C_AutoG3_T_9600" | automatic G3 fax service (TS62) transparent, user rate 9,6 kbits/s |
| C_300cda | IA5String | "C_300cda" | data circuit duplex async. 300 bit/s service (BS21) |
| C_300cda_T | IA5String | "C_300cda_T" | data circuit duplex async. 300 bit/s service (BS21), transparent |
| C_1200cda | IA5String | "C_1200cda" | data circuit duplex async. 1200 bit/s service (BS22) |
| C_1200cda_T | IA5String | "C_1200cda_T" | data circuit duplex async. 1200 bit/s service (BS22), transparent |
| C_120075cda | IA5String | "C_120075cda" | data circuit duplex async. 1200/75 bit/s service (BS23) |
| C_120075cda_T | IA5String | "C_120075cda_T" | data circuit duplex async. 1200/75 bit/s service (BS23), transparent |
| C_2400cda | IA5String | "C_2400cda" | data circuit duplex async. 2400 bit/s service (BS24) |
| C_2400cda_T | IA5String | "C_2400cda_T" | data circuit duplex async. 2400 bit/s service (BS24), transparent |
| C_4800cda | IA5String | "C_4800cda" | data circuit duplex async. 4800 bit/s service (BS25) |
| C_4800cda_T | IA5String | "C_4800cda_T" | data circuit duplex async. 4800 bit/s service (BS25), transparent |
| C_9600cda | IA5String | "C_9600cda" | data circuit duplex async 9600 bit/s service (BS26) |
| C_1200cda | IA5String | "C_1200cda" | data circuit duplex sync. 1200 bit/s service (BS31) |
| C_2400cda | IA5String | "C_2400cda" | data circuit duplex sync. 2400 bit/s service (BS32) |
| C_2400cda_T | IA5String | "C_2400cda_T" | data circuit duplex sync. 2400 bit/s service (BS32), transparent |
| C_4800cda | IA5String | "C_4800cda" | data circuit duplex sync. 4800 bit/s service (BS33) |
| C_4800cda_T | IA5String | "C_4800cda_T" | data circuit duplex sync. 4800 bit/s service (BS33), transparent |
| C_9600cda | IA5String | "C_9600cda" | data circuit duplex sync 9600 bit/s service (BS34) |
| C_PAD300 | IA5String | "C_PAD300" | PAD access 300 bit/s service (BS41) |
| C_PAD300_T | IA5String | "C_PAD300_T" | PAD access 300 bit/s service (BS41), transparent |
| C_PAD1200 | IA5String | "C_PAD1200" | PAD access 1200 bit/s service (BS42) |
| C_PAD1200_T | IA5String | "C_PAD1200_T" | PAD access 1200 bit/s service (BS42), transparent |
| C_PAD120075 | IA5String | "C_PAD120075" | PAD access 1200/75 bit/s service (BS43) |
| C_PAD120075_T | IA5String | "C_PAD120075_T" | PAD access 1200/75 bit/s service (BS43), transparent |
| C_PAD2400 | IA5String | "C_PAD2400" | PAD access 2400 bit/s service (BS44) |
| C_PAD2400_T | IA5String | "C_PAD2400_T" | PAD access 2400 bit/s service (BS44), transparent |
| C_PAD4800 | IA5String | "C_PAD4800" | PAD access 4800 bit/s service (BS45) |
| C_PAD4800_T | IA5String | "C_PAD4800_T" | PAD access 4800 bit/s service (BS45), transparent |

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| C_PAD9600 | IA5String | "C_PAD9600" | PAD access 9600 bit/s service (BS46) |
| C_Pkt2400 | IA5String | "C_Pkt2400" | packt access 2400 bit/s service (BS51) |
| C_Pkt4800 | IA5String | "C_Pkt4800" | packt access 4800 bit/s service (BS52) |
| C_Pkt9600 | IA5String | "C_Pkt9600" | packt access 9600 bit/s service (BS53) |
| C_AltSpchData_300 | IA5String | "C_AltSpchData_300" | alternate speech/data (rate: 300 Bit/s) service (BS61) |
| C_AltSpchData_1200 | IA5String | "C_AltSpchData_1200" | alternate speech/data (rate: 1200 Bit/s) service (BS61) |
| C_AltSpchData_120075 | IA5String | "C_AltSpchData_120075" | alternate speech/data (rate: 1200/75 Bit/s) service (BS61) |
| C_AltSpchData_2400 | IA5String | "C_AltSpchData_2400" | alternate speech/data (rate: 2400 Bit/s) service (BS61) |
| C_AltSpchData_4800 | IA5String | "C_AltSpchData_4800" | alternate speech/data (rate: 4800 Bit/s) service (BS61) |
| C_AltSpchData_9600 | IA5String | "C_AltSpchData_9600" | alternate speech/data (rate: 9600 Bit/s) service (BS61) |
| C_SpchData_300 | IA5String | "C_SpchData_300" | speech followed data (rate: 300 Bit/s) service (BS81) |
| C_SpchData_1200 | IA5String | "C_SpchData_1200" | speech followed data (rate: 1200 Bit/s) service (BS81) |
| C_SpchData_120075 | IA5String | "C_SpchData_120075" | speech followed data (rate: 1200/75 Bit/s) service (BS81) |
| C_SpchData_2400 | IA5String | "C_SpchData_2400" | speech followed data (rate: 2400 Bit/s) service (BS81) |
| C_SpchData_4800 | IA5String | "C_SpchData_4800" | speech followed data (rate: 4800 Bit/s) service (BS81) |
| C_SpchData_9600 | IA5String | "C_SpchData_9600" | speech followed data (rate: 9600 Bit/s) service (BS81) |
| C_I | INTEGER | 1 | I command of L 2 |
| C_Immass | BITSTRING | '000'B | activation for immediate assignment |
| C_Ass | BITSTRING | '001'B | activation for assignment |
| C_Asynho | BITSTRING | '010'B | activation for asynchronous handover |
| C_LocEndRel | RelMode | '01'O | local end release |
| C_MaxPwrLvID | INTEGER | 15 | Max power level for MS DCS |
| C_MaxPwrLvIG | INTEGER | 19 | Max power level for MS GSM |
| C_rc_conditIEerror | REJCAU | '64'O | reject cause: Conditional IE error |
| C_rc_congestion | REJCAU | '16'O | reject cause: congestion |
| C_rc_illegal_ms | REJCAU | '03'O | reject cause: illegal MS |
| C_rc_illegal_me | REJCAU | '06'O | reject cause: illegal ME |
| C_rc_imsiunknownhlr | REJCAU | '02'O | reject cause: IMSI unknown in HLR |
| C_rc_imsiunknownvlr | REJCAU | '04'O | reject cause: IMSI unknown in VLR |
| C_rc_invalidmaninfo | REJCAU | '60'O | reject cause: invalid mandatory information |
| C_rc_LAnotallowed | REJCAU | '06'O | reject cause: LocationArea is not allowed |
| C_rc_networkfailure | REJCAU | '11'O | reject cause: network failure |
| C_rc_notidentified | REJCAU | '26'O | reject cause: can not be identified |
| C_rc_plmn_not | REJCAU | '0B'O | reject cause: PLMN not allowed |
| C_rc_protocolerror | REJCAU | '6F'O | reject cause: Protocol error unspecified |
| C_rc_reqservoptnotsub | REJCAU | '21'O | reject cause: requested service option not subscribed |

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| C_rc_roamingnot | REJCAU | '0D'O | reject cause: Roaming not allowed |
| C_RadioLinkTimeOut | INTEGER | 3766 | default value for radio link timeout in ms - Time for the period of 8 SACCH blocks in sec. (8X470,8ms= 3,766 sec) for SDCCH |
| C_Restablishment | B_1 | '0'B | Restablishment allowed |
| C_noRestablishment | B_1 | '1'B | No restablishment allowed |
| C_CellReselectHys0 | INTEGER | 0 | Cell Reselection Hysteresis value 0 |
| C_RI_alternate | B_8 | '11010001'B | Bcap repeat indicator for alternate (circular selection) |
| C_RI_follow | B_8 | '11010011'B | Bcap repeat indicator for successive (sequential selection) |
| C_SIMIn | BOOLEAN | FALSE | SIM is always inserted in a test case |
| C_SIMneedRmv | BOOLEAN | TRUE | Removal of SIM is needed in a test case (SIM is not always inserted.) |
| C_STRT | BOOLEAN | TRUE | start checking |
| C_STOP | BOOLEAN | FALSE | stop checking |
| C_normal Updating | B_2 | '00'B | normal location updating |
| C_periodic Updating | B_2 | '01'B | periodic location updating |
| C_normalOrperiodic | B_2 | '0?'B | periodic or normal location updating |
| C_imsi_attach | B_2 | '10'B | location updating IMSI attach |
| C_norm_period_attach | B_2 | '??'B | imsi attach or periodic location updating or normal location updating |
| C_Tzone0 | TZONES | 0 | Time zone 0 (used in TC_34_2_1, TC_34_2_5_3) |
| C_Tzone1 | TZONES | 4 | Time zone 4 (used in TC_34_2_2, TC_34_2_7) |
| C_Tzone2 | TZONES | 10 | Time zone 10 (used in TC_34_2_3) |
| C_Tzone3 | TZONES | 15 | Time zone 15 (used in TC_34_2_4) |
| C_Tzone4 | TZONES | 25 | Time zone 25 (used in TC_34_2_5_1) |
| C_Tzone5 | TZONES | 35 | Time zone 35 (used in TC_34_2_5_2) |
| C_Tzone6 | TZONES | 45 | Time zone 45 (used in TC_34_2_8) |
| C_T_mrsrp | INTEGER | 1500 | 3 times time btw 2 msr rpt. |
| C_T_TwiceTC1M | INTEGER | TSPX_TC1M * 2000 | Twice TC1M in ms |
| C_T_T3211_80 | INTEGER | 12000 | 80 % of T3211 (15s) |
| C_T_T3212 | INTEGER | 360000 | T3212(6min) |
| C_T_T3212min | INTEGER | 345000 | T3212(6min) - 15sec |
| C_T_T3212dif | INTEGER | 15000 | Difference between T3212 and T3212min |
| C_T_T3210 | INTEGER | 20000 | timer T3210 in ms |
| C_T_T3211min | INTEGER | 13500 | 90% T3211 in ms |
| C_T_T3230min | INTEGER | 13500 | 90% T3230 in ms |
| C_T_T3240min | INTEGER | 9000 | 90% T3240 in ms |
| C_T_T3240tol | INTEGER | 2000 | 20% T3240 in ms |
| C_T_Wait | INTEGER | 5000 | 5s. T3126max |
| C_release_time | INTEGER | 11 | release timer value |
| C_RegCFNRy | INTEGER | 1 | registration of call forwarding service for CFNRy (speech) |
| C_RegCFU | INTEGER | 2 | registration of call forwarding service for CFU (all facsimile) |
| C_RegCF | INTEGER | 3 | registration of call forwarding service for CF (all facsimile) |
| C_ErsCFC | INTEGER | 4 | erasure of call forwarding service for CFC (all facsimile) |
| C_ErsCFNRc | INTEGER | 5 | erasure of call forwarding service for CFNRc (all basic services) |
| C_ErsCFNRy | INTEGER | 6 | erasure of call forwarding service |

| | | | |
|----------------------|-------------|--------|---|
| C_ActCF | INTEGER | 7 | for CFNRy (all facsimile) activation of call forwarding service for CF (all synchronous services) |
| C_ActCFU | INTEGER | 8 | activation of call forwarding service for CFU (all basic services) |
| C_DeactCFC | INTEGER | 9 | deactivation of call forwarding service for CFC (speech) |
| C_DeactCFNRc | INTEGER | 10 | deactivation of call forwarding service for CFNRc (all facsimile) |
| C_InterrogCFC | INTEGER | 11 | interrogation of call forwarding service for CFC (Speech) |
| C_InterrogCFB | INTEGER | 12 | interrogation of call forwarding service for CFB (all basic services) |
| C_NotifyCFB | INTEGER | 13 | notification of call forwarding service for CFB (incoming call is forwarded) |
| C_NotifyCFU | INTEGER | 14 | notification of call forwarding service for CFU (provisioned, registered, active) |
| C_NotifyCFC | INTEGER | 15 | notification of call forwarding service for CFC (provisioned, registered, active) |
| C_NotifyCFNRc | INTEGER | 16 | notification of call forwarding service for CFNRc (Ms not reachable) |
| C_RegPswd | INTEGER | 17 | Registration of password for all call barring services |
| C_ActBOAC | INTEGER | 18 | Activation of BOAC |
| C_ActBICRoam | INTEGER | 19 | Activation of BICRoam |
| C_ActBOIC | INTEGER | 20 | Activation of BOIC |
| C_ActBAIC | INTEGER | 21 | Activation of BAIC |
| C_DeactBO | INTEGER | 22 | Deactivation of BO |
| C_DeactBI | INTEGER | 23 | Deactivation of BI |
| C_DeactBOICExHC | INTEGER | 24 | Deactivation of BOICExHC |
| C_NotifyBI | INTEGER | 25 | Notify of BI |
| C_InterrogBOIC | INTEGER | 26 | Interrogation of BOIC |
| C_InterrogBOICExHC | INTEGER | 27 | Interrogation of BOICExHC |
| C_Full | IA5String | "F" | full rate channel |
| C_Half | IA5String | "H" | half rate channel |
| C_StartingTimeHO | INTEGER | 238 | Value for Starting time (1.1sec=238 frames) for HO testcase TC_26_6_5_1_3, TC_26_6_5_1_6, TC_26_6_5_4_2 |
| C_Norm | OCTETSTRING | '00'O | Establish mode: normal |
| C_31kHz | B_3 | '010'B | Info. Transfer Cap. 3.1 kHz |
| C_UDI | B_3 | '001'B | Info. Transfer Cap. UDI |
| C_FAX3 | B_3 | '011'B | Info. Transfer Cap. FAX3 |
| C_itc_NA | B_3 | '100'B | Info. Transfer Cap. NA value arbitrarily choosen |
| C_SDUIntegrity | B_2 | '00'B | Structure SDU integrity |
| C_Unstructured | B_2 | '11'B | Structure Unstructured |
| C_nirr_nomeaning | B_1 | '0'B | NIRR no meaning |
| C_no_rate_adaption | B_2 | '00'B | Rate adaption no |
| C_rate_adaption_V110 | B_2 | '01'B | Rate adaption V110 |
| C_rate_adaption_X31 | B_2 | '10'B | Rate adaption X31 flag |
| C_sacp_NA | B_3 | '001'B | Signaling access NA |
| C_I440_450 | B_3 | '001'B | Signaling access I440/450 |
| C_X21 | B_3 | '010'B | Signaling access X21 |
| C_X28_inui | B_3 | '011'B | Signaling access X28 I NUI |
| C_X28_unui | B_3 | '100'B | Signaling access X28 U NUI |
| C_X28_nond | B_3 | '101'B | Signaling access X28 non dedicated |
| C_X32 | B_3 | '110'B | Signaling access X32 |
| C_Synchronous | B_1 | '0'B | Synchronous |
| C_Asynchronous | B_1 | '1'B | Asynchronous |

| | | | |
|------------------------------------|-------------|----------|---|
| C_sa_NA | B_1 | '1'B | Asynchronous/Synchronous. NA value arbitrarily chosen |
| C_stopbit_NA | B_1 | '0'B | Number of Stop bits NA |
| C_databit_NA | B_1 | '1'B | Number of Data bits NA |
| C_300Kbs | B_4 | '0001'B | User rate 300 Kbs |
| C_1200Kbs | B_4 | '0010'B | User rate 1200 Kbs |
| C_120075Kbs | B_4 | '0111'B | User rate 1200/75 Kbs |
| C_2400Kbs | B_4 | '0011'B | User rate 2400 Kbs |
| C_4800Kbs | B_4 | '0100'B | User rate 4800 Kbs |
| C_9600Kbs | B_4 | '0101'B | User rate 9600 Kbs |
| C_ur_NA | B_4 | '1111'B | User rate NA value arbitrarily chosen |
| C_parity_NA | B_3 | '011'B | Parity NA |
| C_ir_8kbs | B_2 | '10'B | Intermediate rate 8 Kbs |
| C_ir_16kbs | B_2 | '11'B | Intermediate rate 16 Kbs |
| C_transparent | B_2 | '00'B | Connection element T |
| C_nottransparent | B_2 | '01'B | Connection element NT |
| C_BothT | B_2 | '10'B | Connection element both T |
| C_BothNT | B_2 | '11'B | Connection element both NT |
| C_ce_NA | B_2 | '11'B | Connection element NA value arbitrarily chosen |
| C_modemt_none | B_5 | '00000'B | no modem |
| C_modemt_V21 | B_5 | '00001'B | modem V21 |
| C_modemt_V22 | B_5 | '00010'B | modem V22 |
| C_modemt_V22bis | B_5 | '00011'B | modem V22bis |
| C_modemt_V23 | B_5 | '00100'B | modem V23 |
| C_modemt_V26ter | B_5 | '00101'B | modem V26ter |
| C_modemt_V32 | B_5 | '00110'B | modem V32 |
| C_ISO6429 | B_5 | '01000'B | Inband flow control |
| C_COPnoFLCT | B_5 | '01100'B | No flow control |
| C_X25_flct | B_5 | '00110'B | X25 flow control |
| maxAddressLength | Asn1Integer | 20 | |
| maxISDN_AddressLength | Asn1Integer | 9 | |
| maxISDN_SubaddressLength | Asn1Integer | 21 | |
| maxNumOfBasicServiceGroups | Asn1Integer | 13 | |
| maxNumOfCUG | Asn1Integer | 10 | |
| maxNumberOfSegmentsPerDataInterval | Asn1Integer | 8191 | |
| maxSignalInfoLength | Asn1Integer | 200 | |
| maxUSSD_StringLength | Asn1Integer | 160 | |
| max10TimesIncrement | Asn1Integer | 8191 | |
| max10TimesIncrementPerDataInterval | Asn1Integer | 8191 | |
| max10TimesInitialTime | Asn1Integer | 8191 | |
| max100TimesScalingFactor | Asn1Integer | 8191 | |
| max10TimesTimeInterval | Asn1Integer | 8191 | |
| max10TimesUnitsPerTime | Asn1Integer | 8191 | |

Detailed Comments:

Test case variable declarations

| Test Case Variable Declarations | | | |
|---------------------------------|---------------|---------|--|
| Variable Name | Type | Value | Comments |
| TCV_AssCmd | ASS_CMD_PDU | | to hold ASSIGNMENT COMMAND PDU |
| TCV_Att | BITSTRING | | to hold ATT bitstring |
| TCV_Bcap1 | BCAP | | to hold bearer capability |
| TCV_Bcap2 | BCAP | | to hold bearer capability |
| TCV_bs_ag_blks_res | INTEGER | | |
| TCV_bs_cc_chans | INTEGER | | |
| TCV_bs_pa_mfrms | INTEGER | | |
| TCV_CalledNum | CDPN | | to hold called party number |
| TCV_CallProc | CALL_PROC_PDU | | to hold CALL PROCEEDING PDU |
| TCV_CallCfm | CALL_CO_PDU | | to hold CALL CONFIRM PDU |
| TCV_Cau | CAU | | to hold cause |
| TCV_Cau0 | CAU | | to hold cause |
| TCV_CA | CCHD | | |
| TCV_CB1 | OCTETSTRING | | store SMSB block data |
| TCV_CB2 | OCTETSTRING | | store SMSB block data |
| TCV_CB3 | OCTETSTRING | | store SMSB block data |
| TCV_CB4 | OCTETSTRING | | store SMSB block data |
| TCV_Ccchg | INTEGER | | CCCH_GROUP |
| TCV_Ccd0A | CCD | | a copy of control channel description in use for cell A |
| TCV_Ccd0B | CCD | | a copy of control channel description in use for cell B |
| TCV_Ccd0C | CCD | | a copy of control channel description in use for cell C |
| TCV_Ccd0D | CCD | | a copy of control channel description in use for cell D |
| TCV_Ccd0E | CCD | | a copy of control channel description in use for cell E |
| TCV_Ccd0F | CCD | | a copy of control channel description in use for cell F |
| TCV_Ccd0G | CCD | | a copy of control channel description in use for cell G |
| TCV_Ccd0H | CCD | | a copy of control channel description in use for cell H |
| TCV_cchdescr | OCTETSTRING | | Frequency list of Cell Channel Descr, used in EGSM |
| TCV_CCst | CST | | to hold call status |
| TCV_ch | LOGICCH | "dummy" | to hold logic channel |
| TCV_ch1 | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacch | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacch_B | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacch_C | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacch_D | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacch_E | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacch_F | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacch_G | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacch_H | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacch8 | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacchTch | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacchTch1 | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacchTch_B | LOGICCH | "dummy" | to hold logic channel |
| TCV_sacchTch_H | LOGICCH | "dummy" | to hold logic channel |
| TCV_chTch | LOGICCH | "dummy" | to hold logic channel |
| TCV_chTch1 | LOGICCH | "dummy" | to hold logic channel |
| TCV_chSms | LOGICCH | "dummy" | to hold logic channel |
| TCV_cellid | CellID | | to hold the cell identifier |
| TCV_agch | LOGICCH | "dummy" | downlink access grant channel |
| TCV_Char | IA5String | | to hold the IA5 char. corresponding to a DTMF tone |
| TCV_chd1 | CHD | | to hold channel description IE |
| TCV_ChMod | CHMOD | | to hold channel mode IE |

| | | |
|---------------------|-------------|--|
| TCV_ChModb | CHMOD | to hold channel mode IE for second mode in dual mode services |
| TCV_cht1 | BITSTRING | to channel type and TDMA offset in channel description IE |
| TCV_ctype | BITSTRING | to channel type and TDMA offset in channel description IE |
| TCV_cksn | BITSTRING | to hold the CKSN. |
| TCV_cksn1 | BITSTRING | to hold the CKSN. |
| TCV_Cnt | INTEGER | general loop counter |
| TCV_Cnt1 | INTEGER | general loop counter |
| TCV_Cnt2 | INTEGER | general loop counter |
| TCV_Cntstart | BOOLEAN | general loop counter start decision |
| TCV_Cntstart1 | BOOLEAN | general loop counter start decision |
| TCV_Cntref | INTEGER | Reference for general loop counter |
| TCV_CphAlg | BITSTRING | ciphering algorithm |
| TCV_CphKey | BITSTRING | ciphering key |
| TCV_CphMd | CPHMS | ciphering mode setting |
| TCV_CPDDataRetx | INTEGER | Number of CP Data retransmissions for SMS |
| TCV_ChRate | IA5String | channel rate |
| TCV_counter_c | INTEGER | loop counter c |
| TCV_counter_k | INTEGER | loop counter k |
| TCV_Fk | INTEGER | to hold an interval between events |
| TCV_flist | OCTETSTRING | Frequency List, used in EGSM for IE "frequency list" or "frequency short list" |
| TCV_flistl | OCTETSTRING | Length of Frequency List, used in EGSM for IE "frequency list" or "frequency short list" |
| TCV_Fn | FN | to hold the frame number (T1' , T2, T3) |
| TCV_Fn1 | FN | to hold the frame number (T1' , T2, T3) |
| TCV_FnAss | FN | to hold the frame number in AssCmd statement |
| TCV_FollowingOctets | OCTETSTRING | Contains the octets following the invoke id |
| TCV_Horf | HORF | Variable for HO reference in HO-Messages of HO cases. |
| TCV_Hrf | HORF | to hold handover reference |
| TCV_ImmConn | BOOLEAN | The selected MT service supports immediate connect |
| TCV_kcnt | INTEGER | loop counter |
| TCV_K | INTEGER | |
| TCV_L1Head0 | L1HD | to hold L 1 header |
| TCV_L1Head | L1HD | to hold L 1 header |
| TCV_lac | OCTETSTRING | to hold the lac. 2 octets |
| TCV_n | INTEGER | |
| TCV_Neci | BITSTRING | |
| TCV_M | INTEGER | counter |
| TCV_mae1 | BITSTRING | Mobile Allocation in EGSM. It includes the 1.octet of MA |
| TCV_mae2 | BITSTRING | Mobile Allocation in EGSM. It includes the 2.octet of MA |
| TCV_Max | BITSTRING | to hold Max-retrans bitstring |
| TCV_MaxRetrans | INTEGER | to hold Max_Retrans chosen randomly |
| TCV_MemCapExcd | BOOLEAN | RP error Memory Capacity Exceeded was sent |
| TCV_MsrRes | MSRR | to hold measurement results |
| TCV_Mt | BITSTRING | to hold message type |
| TCV_Mt1 | BITSTRING | to hold message type |
| TCV_Modify | MODIFY_PDU | To hold Modify message |
| TCV_Null | BOOLEAN | to collect useless result from some test suite operations |

| | | | |
|---------------------|-----------------|---------|---|
| TCV_PgCh | LOGICCH | "dummy" | logical channel for paging |
| TCV_Pgg | PGG | | paging group |
| TCV_PreviousOctets | OCTETSTRING | | Contains the octets previous to the invoke id |
| TCV_ProtErrorUnspec | BOOLEAN | | RP error Protocol Error Unspecified was sent |
| TCV_Pwrlvl | BITSTRING | | to hold the power level |
| TCV_Pwrlvl_ho | BITSTRING | | power level for HO_CMD, used in HO cases. |
| TCV_Rchr | BITSTRING | | to hold Radio channel requirement |
| TCV_Res | BOOLEAN | | to hold the result of a test suite operation |
| TCV_Rpmr | MR | | RP message reference for SMS |
| TCV_Rqr | RQR | | to hold the request reference |
| TCV_Rqr9 | RQR | | to hold the request reference differing from TCV_Rqr |
| TCV_Rqr10 | RQR | | to hold the request reference differing from TCV_Rqr, TCV_Rqr9 |
| TCV_Rqr11 | RQR | | to hold the request reference differing from TCV_Rqr, TCV_Rqr9, TCV_Rqr10 |
| TCV_Rr | BITSTRING | | to hold the random request reference |
| TCV_Rr1 | BITSTRING | | to hold the random reference |
| TCV_rc | REJCAU | | Reject cause |
| TCV_Service | IA5String | | to hold basicservice selected |
| TCV_Setup_mo | SETUP_MO_PDU | | to hold the SETUP PDU (MO) |
| TCV_Setup_mt | SETUP_MT_PDU | | to hold the SETUP PDU (MT) |
| TCV_Esetup | ESETUP_PDU | | to hold the emergency SETUP PDU |
| TCV_slot | SN | | To hold the default slot used during the entire TC. |
| TCV_sl2 | SN | | To hold a second working slot number. |
| TCV_Sres | OCTETSTRING | | to hold the SRES returned |
| TCV_sysinfo5 | SYSINFO5_PDU | | to hold the SysInfo5 PDU for cell A |
| TCV_sysinfo5bis | SYSINFO5bis_PDU | | to hold the SysInfo5bis PDU for cell A |
| TCV_sysinfo5_B | SYSINFO5_PDU | | to hold the SysInfo5 PDU for cell B |
| TCV_sysinfo5_C | SYSINFO5_PDU | | to hold the SysInfo5 PDU for cell c |
| TCV_sysinfo5_D | SYSINFO5_PDU | | to hold the SysInfo5 PDU for cell D |
| TCV_sysinfo5_E | SYSINFO5_PDU | | to hold the SysInfo5 PDU for cell E |
| TCV_sysinfo5_F | SYSINFO5_PDU | | to hold the SysInfo5 PDU for cell F |
| TCV_sysinfo5_G | SYSINFO5_PDU | | to hold the SysInfo5 PDU for cell G |
| TCV_sysinfo5_H | SYSINFO5_PDU | | to hold the SysInfo5 PDU for cell H |
| TCV_sysinfo6 | SYSINFO6_PDU | | to hold the SysInfo6 PDU for cell A |
| TCV_sysinfo6_B | SYSINFO6_PDU | | to hold the SysInfo6 PDU for cell B |
| TCV_sysinfo6_C | SYSINFO6_PDU | | to hold the SysInfo6 PDU for cell C |
| TCV_sysinfo6_D | SYSINFO6_PDU | | to hold the SysInfo6 PDU for cell D |
| TCV_sysinfo6_E | SYSINFO6_PDU | | to hold the SysInfo6 PDU for cell E |
| TCV_sysinfo6_F | SYSINFO6_PDU | | to hold the SysInfo6 PDU for cell F |
| TCV_sysinfo6_G | SYSINFO6_PDU | | to hold the SysInfo6 PDU for cell G |
| TCV_sysinfo6_H | SYSINFO6_PDU | | to hold the SysInfo6 PDU for cell |

| | | | |
|-------------------|-------------|---------|--|
| TCV_ti_orig | TI | | H |
| TCV_ti_dest | TI | | to hold the transaction id. for originating part |
| TCV_ti_v | TI_V | | to hold the transaction id. for the destination part |
| TCV_ti_v_2 | TI_V | | to hold the transaction id. value for another transaction |
| TCV_ti_f | BITSTRING | | to hold the transaction id. flag. Only one bit. |
| TCV_timeout | BOOLEAN | | |
| TCV_T | INTEGER | | to hold Tx-integer chosen randomly |
| TCV_chdescr_arfcn | INTEGER | | ARFCN carrier of actual cell. |
| TCV_asscmd_ts | BITSTRING | | Time slot for channel description in assignment cmd. |
| TCV_ts | BITSTRING | | Time slot for channel description in handover cmd. |
| TCV_ia_ts | BITSTRING | | Time slot for channel description in immediate assignment |
| TCV_tchcarrier | INTEGER | | TCH carrier of actual cell. |
| TCV_tsc | TSC | | To hold the default training sequence used during the entire TC. |
| TCV_Td | OCTETSTRING | | to hold timing difference |
| TCV_Time | INTEGER | | to hold the measured value of T310 or T305 or T308 |
| TCV_TimingAdv | TA | | To hold multiple TimingAdv used in one TC |
| TCV_TimingAdviei | TA | | To hold multiple TimingAdv wit iei value used in one TC |
| TCV_TI | TI | | to hold the transaction ID for MO calls in sending evets |
| TCV_TI0 | TI | | to hold the transaction ID for MO calls in receiving evets |
| TCV_TI1 | TI | | to hold the transaction ID |
| TCV_TI2 | TI | | to hold the transaction ID |
| TCV_TI3 | TI | | to hold the transaction ID |
| TCV_tmp | INTEGER | | temporary integer variable |
| TCV_Tx | BITSTRING | | to hold Tx bitstring |
| TCV_S | INTEGER | | to hold the S parameter |
| TCV_Upd | BOOLEAN | | to hold the information whether the MS is updated or not,. |
| TCV_UssdString | IA5String | | String for USS Data |
| TCV_UssdString1 | IA5String | | String for USS Data |
| TCV_UssdString2 | IA5String | | String for USS Data |
| TCV_Invkld | OCTETSTRING | | to hold SS transaction ID |
| TCV_Invkld0 | OCTETSTRING | | to hold SS transaction ID |
| TCV_Invkld1 | OCTETSTRING | | to hold SS transaction ID |
| TCV_Comp | Components | | to hold SS Components |
| TCV_Strt | STRT | | to hold starting time |
| TCV_CBch | LOGICCH | "dummy" | Cell Broadcast channel |
| TCV_Tpmr | MR | | TP message reference |
| TCV_TPOA1 | BCDN | | TP originating address digits |
| TCV_TPOA2 | BCDN | | TP originating address digits |
| TCV_TPDA | BCDN | | TP destination address digits |
| TCV_RPOA_MT | BCDN | | RP originating address digits for MT short messages |
| TCV_RPOA_MO | BCDN | | RP originating address digits for MO short messages |
| TCV_RPOA1 | BCDN | | RP originating address digits for MT short messages |
| TCV_RPOA2 | BCDN | | RP originating address digits for MT short messages |
| TCV_RPDA_MT | BCDN | | RP destination address digits for MT short messages |
| TCV_RPDA_MO | BCDN | | RP destination address digits for MO short messages |
| TCV_SMTtypeM | INTEGER | | Replace short message type |

| | | | |
|---------------------------|-------------|--|-------------------------------|
| TCV_SMTpeN | INTEGER | | Replace short message type |
| TCV_SMcntns | OCTETSTRING | | short message contents |
| TCV_SMSCBpack | SMSCBpack | | CB message contents |
| TCV_freq | FRQPARA | | to hold Freq type constraints |
| Detailed Comments: | | | |

PCO declarations

| PCO Declarations | | | |
|--|--------|------|----------|
| PCO Name | Type | Role | Comments |
| L | SAP0_3 | LT | |
| Detailed Comments: | | | |
| <ol style="list-style-type: none"> 1. The PCO consists of multiple SAPs: the SAP0 and SAP3. 2. The lower tester (LT) is the user of the data link layer service. 3. The SAP0 at the lower tester controlling and observing the exchange of CC, MM, RR and SS PDUs (messages) on the DCCH, SACCH and/or RACH, BCCH, CCCH channels. 4. The SAP3 at the lower tester controlling and observing the exchange of SMS PDUs (messages) on the DCCH or SACCH channels. | | | |

Timer declarations

| Timer Declarations | | | |
|--|----------------|------|-----------------------------|
| Timer Name | Duration | Unit | Comments |
| T_dly | | ms | general purpose delay timer |
| T_dly1 | | ms | general purpose delay timer |
| T_dly2 | | ms | general purpose delay timer |
| T_dlyAss | 5000 | ms | AssCmd timer, 1) |
| T_guard | 300 | s | guard timer |
| T_release | C_release_time | s | release timer |
| Detailed Comments: | | | |
| <p>1) In order to give to the lower tester enough time to dequeue and to send out the call SETUP and the other call establishment related messages in the sending buffer before starting sending of ASSIGNMENT COMMAND message, the default value 5s is used in the test step AssCh_complete. In the test step AssCh_failure the timer value is set to 4s. For the TC_26_6_4_1, 600ms is used.</p> | | | |

ASP type definitions

TTCN ASP Type definitions

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_EstRq (DL_ESTABLISH_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the establishment of multiple frame operation (L3 -> L2). The normal establishment procedure is initiated. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| establish_mode | EstMode | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_EstIn (DL_ESTABLISH_INDICATION) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the establishment of multiple frame operation (L2 -> L3). The normal establishment procedure has been initiated. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| establish_mode | EstMode | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_EstInCmsRq (DL_ESTABLISH_INDICATION_CM_SERVICE_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the establishment of multiple frame operation due to the receipt of the MM CM SERVICE REQUEST message (L2 -> L3). The contention resolution establishment procedure has been initiated. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| establish_mode | EstMode | |
| msg | CMS_RQ_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_EstInLupRq (DL_ESTABLISH_INDICATION_LOCATION_UPDATING_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the establishment of multiple frame operation due to the receipt of the MM LOCATION UPDATING REQUEST message (L2 -> L3). The contention resolution establishment procedure has been initiated. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| establish_mode | EstMode | |
| msg | LUP_RQ_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_EstInImsidIn (DL_ESTABLISH_INDICATION_IMSI_DETACH_INDICATION) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the establishment of multiple frame operation due to the receipt of the MM IMSI DETACH INDICATION message (L2 -> L3). The contention resolution establishment procedure has been initiated. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| establish_mode | EstMode | |
| msg | IMSID_IN_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_EstInPgRes (DL_ESTABLISH_INDICATION_PAGING_RESPONSE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the establishment of multiple frame operation due to the receipt of the RR PAGING RESPONSE message (L2 -> L3). The contention resolution establishment procedure has been initiated. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| establish_mode | EstMode | |
| msg | PG_RES_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_EstInCmreRq (DL_ESTABLISH_INDICATION_CM_REESTABLISHMENT_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the establishment of multiple frame operation due to the receipt of the MM CM REESTABLISHMENT REQUEST message (L2 -> L3). The contention resolution establishment procedure has been initiated. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| establish_mode | EstMode | |
| msg | CMRE_RQ_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_EstCo (DL_ESTABLISH_CONFIRM) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used by the L2 to inform the L3 about the establishment of multiple frame link (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| establish_mode | EstMode | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_RelIn (DL_RELEASE_INDICATION) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the termination of an established multiple frame operation or to report an unsuccessful establishment attempt (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| release_mode | RelMode | |
| outstanding_indicator | BOOLEAN | |
| fn | FN | |
| Detailed Comments: | The outstanding indicator indicates whether or not there are outstanding acknowledgements or unsolved DL_DATA_REQUEST primitives. | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_RaInChRq (DL_RANDOM_ACCESS_INDICATION_CHANNEL_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the arrival of an RR CHANNEL REQUEST message (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| fn | FN | |
| msg | CH_RQ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_RaInHoacc (DL_RADOM_ACCESS_INDICATION_HANDOVER_ACCESS) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the arrival of an RR HANDOVER ACCESS message (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | HOACC_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_UdatRqImmass (DL_UNIT_DATA_REQUEST_IMMEDIATE_ASSIGNMENT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR IMMEDIATE ASSIGNMENT message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | IMMASS_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqImmass_sp (DL_UNIT_DATA_REQUEST_IMMEDIATE_ASSIGNMENT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR IMMEDIATE ASSIGNMENT message using unacknowledged operation (L3 -> L2) on the MS paging channel. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| pgg | PGG | |
| msg | IMMASS_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqImmassx (DL_UNIT_DATA_REQUEST_IMMEDIATE_ASSIGNMENT_EXTENDED) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR IMMEDIATE ASSIGNMENT EXTENDED message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | IMMASSX_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_UdatRqImmassx_sp (DL_UNIT_DATA_REQUEST_IMMEDIATE_ASSIGNMENT_EXTENDED) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR IMMEDIATE ASSIGNMENT EXTENDED message using unacknowledged operation (L3 -> L2) on the MS paging channel. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| pgg | PGG | |
| msg | IMMASSX_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqImmassRej (DL_UNIT_DATA_REQUEST_IMMEDIATE_ASSIGNMENT_REJECT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR IMMEDIATE ASSIGNMENT REJECT message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | IMMASS_REJ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_UdatRqImmassRej_sp (DL_UNIT_DATA_REQUEST_IMMEDIATE_ASSIGNMENT_REJECT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR IMMEDIATE ASSIGNMENT REJECT message using unacknowledged operation (L3 -> L2) on the MS paging channel. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| pgg | PGG | |
| msg | IMMASS_REJ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|--|---|----------|
| ASP Name: | DL_UdatInMsrRpt (DL_DATA_INDICATION_MEASUREMENT_REPORT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the RR MEASUREMENT REPORT message using unacknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | MSR_RPT_PDU | |
| fn | FN | |
| Detailed Comments: The ASPs are continuously received during the testing. | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqSMSCBData (DL_UNIT_DATA_REQUEST_SMSCB_DATA) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the SMSCB data using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SMSCB_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqPg1Rq (DL_UNIT_DATA_REQUEST_PAGING_REQUEST_TYPE1) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR PAGING REQUEST TYPE 1 message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| pgg | PGG | |
| msg | PG1_RQ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqPg2Rq (DL_UNIT_DATA_REQUEST_PAGING_REQUEST_TYPE2) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR PAGING REQUEST TYPE 2 message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| pgg | PGG | |
| msg | PG2_RQ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqPg3Rq (DL_UNIT_DATA_REQUEST_PAGING_REQUEST_TYPE3) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR PAGING REQUEST TYPE 3 message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| pgg | PGG | |
| msg | PG3_RQ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqSchinfo (DL_UNIT_DATA_REQUEST_SYNCHRONIZATION_CHANNEL_INFORMATION) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR SYNCHRONIZATION CHANNEL INFORMATION message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SCHINFO_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqSysinfo1 (DL_UNIT_DATA_REQUEST_SYSTEM_INFORMATION_TYPE1) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR SYSTEM INFORMATION TYPE 1 message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SYSINFO1_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqSysinfo1_nh (DL_UNIT_DATA_REQUEST_SYSTEM_INFORMATION_TYPE1) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR SYSTEM INFORMATION TYPE 3 message in case of non hopping | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SYSINFO3_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqSysinfo2 (DL_UNIT_DATA_REQUEST_SYSTEM_INFORMATION_TYPE2) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR SYSTEM INFORMATION TYPE 2 message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SYSINFO2_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_UdatRqSysinfo2bis (DL_UNIT_DATA_REQUEST_SYSTEM_INFORMATION_TYPE2bis) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR SYSTEM INFORMATION TYPE 2bis message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SYSINFO2bis_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqSysinfo3 (DL_UNIT_DATA_REQUEST_SYSTEM_INFORMATION_TYPE3) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR SYSTEM INFORMATION TYPE 3 message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SYSINFO3_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqSysinfo4 (DL_UNIT_DATA_REQUEST_SYSTEM_INFORMATION_TYPE4) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR SYSTEM INFORMATION TYPE 4 message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SYSINFO4_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqSysinfo5 (DL_UNIT_DATA_REQUEST_SYSTEM_INFORMATION_TYPE5) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR SYSTEM INFORMATION TYPE 5 message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SYSINFO5_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_UdatRqSysinfo5bis (DL_UNIT_DATA_REQUEST_SYSTEM_INFORMATION_TYPE5bis) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR SYSTEM INFORMATION TYPE 5bis message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SYSINFO5bis_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_UdatRqSysinfo6 (DL_UNIT_DATA_REQUEST_SYSTEM_INFORMATION_TYPE6) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR SYSTEM INFORMATION TYPE 6 message using unacknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SYSINFO6_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_UdatInCImChn (DL_UdatINDICATION_CLASSMARK_CHANGE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the RR CLASSMARK CHANGE message using unacknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CLM_CHN_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqAssCmd (DL_DATA_REQUEST_ASSIGNMENT_COMMAND) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR ASSIGNMENT COMMAND message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | ASS_CMD_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInAssCom (DL_DATA_INDICATION_ASSIGNMENT_COMPLETE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the RR ASSIGNMENT COMPLETE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | ASS_COM_PDU | |
| fn | FN | |
| Detailed Comments: | The ASP is a result of the ASP DL_RESUME_REQUEST of the SUT sending the ASSIGNMENT COMPLETE message. | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInAssfl (DL_DATA_INDICATION_ASSIGNMENT_FAILURE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the RR ASSIGNMENT FAILURE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | ASSFL_PDU | |
| fn | FN | |
| Detailed Comments: | The ASP is a result of the ASP DL_RECONNECT_REQUEST of the SUT sending the ASSIGNMEN FAILURE message. | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInCmsRq (DL_DATA_INDICATION_CM_SERVICE_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the MM CM SERVICE REQUEST message (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CMS_RQ_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqChmmo (DL_DATA_REQUEST_CHANNEL_MODE_MODIFY) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR CHANNEL MODE MODIFY message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CHMMO_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInChmmoAck (DL_DATA_INDICATION_CHANNEL_MODE_MODIFY_ACKNOWLEDGE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the RR CHANNEL MODE MODIFY ACKNOWLEDGE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CHMMO_ACK_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqChRel (DL_DATA_REQUEST_CHANNEL_RELEASE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR CHANNEL_RELEASE message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CH_REL_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqChRelErr (DL_DATA_REQUEST_CHANNEL_RELEASE_ERROR) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR CHANNEL_RELEASE message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CH_REL_PDU_ERR | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqCphmCmd (DL_DATA_REQUEST_CIPHERING_MODE_COMMAND) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR CIPHERING_MODE_COMMAND message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CPHM_CMD_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqCphmCmdErr (DL_DATA_REQUEST_CIPHERING_MODE_COMMAND_ERROR) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the invalid RR CIPHERING_MODE_COMMAND message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CPHM_CMD_PDU_ERR | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInCphmCom (DL_DATA_INDICATION_CIPHERING_MODE_COMPLETE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the RR CIPHERING MODE COMPLETE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CPHM_COM_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInCImChn (DL_DAT_INDICATION_CLASSMARK_CHANGE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the RR CLASSMARK CHANGE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CLM_CHN_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqCImEnq (DL_DATA_REQUEST_CLASSMARK_ENQUIRY) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR CLASSMARK ENQUIRY message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CLM_ENQ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqFrqre (DL_DATA_REQUEST_FREQUENCY_REDEFINITION) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR FREQUENCY REDEFINITION message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | FRQRE_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqHoCmd (DL_DATA_REQUEST_HANDOVER_COMMAND) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR HANDOVER COMMAND message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | HO_CMD_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInHoCom (DL_DATA_INDICATION_HANDOVER_COMPLETE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the RR HANDOVER COMPLETE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | HO_COM_PDU | |
| fn | FN | |
| Detailed Comments: | The ASP is a result of the ASP DL_RESUME_REQUEST of the SUT sending the HANDOVER COMPLETE message. | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInHofl (DL_DATA_INDICATION_HANDOVER_FAILURE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the RR HANDOVER FAILURE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | HOFL_PDU | |
| fn | FN | |
| Detailed Comments: | The ASP is a result of the ASP DL_RECONNECT_REQUEST of the SUT sending the HANDOVER FAILURE message. | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqPhyinfo (DL_DATA_REQUEST_PHYSICAL_INFORMATION) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the RR PHYSICAL INFORMATION message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | PHYINFO_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInRrst (DL_DATA_INDICATION_RR_STATUS) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the RR STATUS message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | RRST_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqAuthRej (DL_DATA_REQUEST_AUTHENTICATION_REJECT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the MM AUTHENTICATION REJECT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | AUTH_REJ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqAuthRq (DL_DATA_REQUEST_AUTHENTICATION_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the MM AUTHENTICATION REQUEST message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | AUTH_RQ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInAuthRes (DL_DATA_INDICATION_AUTHENTICATION_RESPONSE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the MM AUTHENTICATION RESPONSE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | AUTH_RES_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqCmsAcp (DL_DATA_REQUEST_CM_SERVICE_ACCEPT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the MM CM SERVICE ACCEPT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CMS_ACP_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqCmsRej (DL_DATA_REQUEST_CM_SERVICE_REJECT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the MM CM SERVICE REJECT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CMS_REJ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqAbrt (DL_DATA_REQUEST_ABORT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the MM ABORT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | ABRT_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqIdRq (DL_DATA_REQUEST_IDENTITY_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the MM IDENTITY REQUEST message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | ID_RQ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInIdRes (DL_DATA_INDICATION_IDENTIFY_RESPONSE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the MM IDENTITY RESPONSE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | ID_RES_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqLupAcp (DL_DATA_REQUEST_LOCATION_UPDATING_ACCEPT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the MM LOCATION UPDATING ACCEPT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | LUP_ACP_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqLupAcpErr (DL_DATA_REQUEST_LOCATION_UPDATING_ACCEPT_ERR) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the MM LOCATION UPDATING ACCEPT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | LUP_ACP_PDU_ERR | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqLupRej (DL_DATA_REQUEST_LOCATION_UPDATING_REJECT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the MM LOCATION UPDATING REJECT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | LUP_REJ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInMmst (DL_DATA_INDICATION_MM_STATUS) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the MM STATUS message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | MMST_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqTmsireCmd (DL_DATA_REQUEST_TMSI_REALLOCATION_COMMAND) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the MM TMSI REALLOCATION COMMAND message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | TMSIRE_CMD_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInTmsireCom (DL_DATA_INDICATION_TMSI_REALLOCATION_COMPLETE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the MM TMSI REALLOCATION COMPLETE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | TMSIRE_COM_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqAlert (DL_DATA_REQUEST_ALERTING) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC ALERTING message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | ALERT_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInAlert (DL_DATA_INDICATION_ALERTING) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC ALERTING message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | ALERT_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInCallCo (DL_DATA_INDICATION_CALL_CONFIRMED) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC CALL CONFIRMED message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CALL_CO_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqCallProc (DL_DATA_REQUEST_CALL_PROCEEDING) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC CALL PROCEEDING message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CALL_PROC_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqConn (DL_DATA_REQUEST_CONNECT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC CONNECT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CONN_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqConnErr (DL_DATA_REQUEST_CONNECT_ERR) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC CONNECT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CONN_PDU_ERR | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInConn (DL_DATA_INDICATION_CONNECT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC CONNECT message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CONN_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqConnAck (DL_DATA_REQUEST_CONNECT_ACKNOWLEDGE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC CONNECT ACKNOWLEDGE message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CONN_ACK_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInConnAck (DL_DATA_INDICATION_CONNECT_ACKNOWLEDGE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the reception of the CC CONNECT ACKNOWLEDGE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CONN_ACK_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqDisc (DL_DATA_REQUEST_DISCONNECT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC DISCONNECT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | DISC_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqDiscErr (DL_DATA_REQUEST_DISCONNECT_ERR) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC DISCONNECT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | DISC_PDU_ERR | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInDisc (DL_DATA_INDICATION_DISCONNECT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC DISCONNECT message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | DISC_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInESetup (DL_DATA_INDICATION_EMERGENCY_SETUP) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC EMERGENCY_SETUP message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | ESETUP_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|----------------------------|---|----------|
| ASP Name: | DL_DatRqFac (DL_DATA_REQUEST_FACILITY) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC FACILITY message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | FAC_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|----------------------------|---|----------|
| ASP Name: | DL_DatInFac (DL_DATA_INDICATION_FACILITY) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC FACILITY message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | FAC_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|----------------------------|---|----------|
| ASP Name: | DL_DatInHold (DL_DATA_INDICATION_HOLD) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC HOLD message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | HOLD_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|----------------------------|---|----------|
| ASP Name: | DL_DatRqHoldAck (DL_DATA_REQUEST_HOLD_ACKNOWLEDGE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC HOLD ACKNOWLEDGE message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | HOLD_ACK_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqModify (DL_DATA_REQUEST_MODIFY) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC MODIFY message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | MODIFY_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInModify (DL_DATA_INDICATION_MODIFY) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC MODIFY message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | MODIFY_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqModifyCom (DL_DATA_REQUEST_MODIFY_COMPLETE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC MODIFY COMPLETE message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | MODIFY_COM_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqModifyRej (DL_DATA_REQUEST_MODIFY_REJECT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC MODIFY REJECT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | MODIFY_REJ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInModifyRej (DL_DATA_INDICATION_MODIFY_REJECT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC MODIFY REJECT message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | MODIFY_REJ_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqNotify (DL_DATA_REQUEST_NOTIFY) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC NOTIFY message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | NOTIFY_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqProg (DL_DATA_REQUEST_PROGRESS) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC PROGRESS message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | PROG_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqRegister (DL_DATA_REQUEST_REGISTER) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the SS REGISTER message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | REGISTER_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInRegister (DL_DATA_INDICATION_REGISTER) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to receive the transmission of the SS REGISTER message using acknowledged operation. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | REGISTER_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqRel (DL_DATA_REQUEST_RELEASE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC RELEASE message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | REL_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInRel (DL_DATA_INDICATION_RELEASE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC RELEASE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | REL_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqRelCmp (DL_DATA_REQUEST_RELEASE_COMPLETE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC RELEASE COMPLETE message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | REL_COM_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInRelCmp (DL_DATA_INDICATION_RELEASE_COMPLETE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC RELEASE COMPLETE message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | REL_COM_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqSetup (DL_DATA_REQUEST_SETUP) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC SETUP message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SETUP_MT_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInSetup (DL_DATA_INDICATION_SETUP) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC SETUP message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | SETUP_MO_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInStartDtmf (DL_DATA_INDICATION_START_DTMF) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC START_DTMF message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | START_DTMF_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqStartDtmfAck (DL_DATA_REQUEST_START_DTMF_ACKNOWLEDGE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC START DTMF ACKNOWLEDGE message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | START_DTMF_ACK_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqStartDtmfRej (DL_DATA_REQUEST_START_DTMF_REJCT) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC START DTMF REJCT message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | START_DTMF_REJ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInStopDtmf (DL_DATA_INDICATION_STOP_DTMF) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC STOP_DTMF message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | STOP_DTMF_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqStopDtmfAck (DL_DATA_REQUEST_STOP_DTMF_ACKNOWLEDGE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC STOP DTMF ACKNOWLEDGE message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | STOP_DTMF_ACK_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqCcst (DL_DATA_REQUEST_CC_STATUS) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC STATUS message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CCST_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatInCcst (DL_DATA_INDICATION_CC_STATUS) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the CC STATUS message using acknowledged operation (L2 -> L3). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CCST_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqCcstEnq (DL_DATA_REQUEST_CC_STATUS_ENQ) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CC STATUS_ENQ message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CCST_ENQ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqUndefCC (DL_DATA_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to transmit any message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CONN_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqUndefMM (DL_DATA_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to transmit any message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | ID_RES_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqUndefRR (DL_DATA_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to transmit any message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | PART_REL_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqUnknown (DL_DATA_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to transmit any message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CCST_ENQ_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInCpData (DL_DATA_INDICATION_CP_DATA) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the SMS CP DATA message using acknowledged operation (L2 -> L3) for MT. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CP_DATA_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatRqCpData (DL_DATA_REQUEST_CP_DATA) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the SMS CP DATA message using acknowledged operation (L3 -> L2) for MO. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CP_DATA_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | DL_DatInCpDataAck (DL_DATA_INDICATION_CPDATA_ACKNOWLEDGE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to indicate the receipt of the SMS CP DATA message using acknowledged operation (L2 -> L3) . | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CPDATA_ACK_PDU | |
| fn | FN | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqCpDataAck (DL_DATA_REQUEST_CPDATA_ACKNOWLEDGE) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the CP DATA ACKNOWLEDGE message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CPDATA_ACK_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|---|----------|
| ASP Name: | DL_DatRqCpError (DL_DATA_REQUEST_CP_ERROR) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the transmission of the SMS CP ERROR message using acknowledged operation (L3 -> L2) for MO. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| msg | CPERR_PDU | |
| Detailed Comments: | | |

| ASP Type Definition | | |
|---------------------------|--|----------|
| ASP Name: | MDL_RelRq (MDL_RELEASE_REQUEST) | |
| PCO Type: | SAP0_3 | |
| Comments: | The ASP is used to request the local end termination of a previous established acknowledged mode operation (L3 -> L2). The local end termination procedure is initiated. | |
| Parameter Name | Parameter Type | Comments |
| sapi | SAPID | |
| logic_ch | LOGICCH | |
| release_mode | RelMode | |
| Detailed Comments: | | |

PDU type definitions

TTCN PDU Type definitions

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | ASS_CMD_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR ASSSIGNMENT COMMAND n -> ms GSM 04.08, 9.1.2 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| ch1d_at | CHD | |
| pcmd | PCMD | |
| frql_at | FRQL | |
| cchd | CCHD | |
| ch1mod | CHMOD | |
| ch2d_at | CHD | |
| ch2mod | CHMOD | |
| ma_at | MA | |
| strt | STRT | |
| frql_bt | FRQL | |
| ch1d_bt | CHD | |
| ch2d_bt | CHD | |
| frqchs_bt | FRQCHS | |
| ma_bt | MA | |
| cphms | CPHMS | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | ASS_COM_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR ASSSIGNMENT COMPLETE ms -> n GSM 04.08, 9.1.3 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| rrcau | RRCAU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | ASSFL_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR ASSSIGNMENT FAILURE ms -> n GSM 04.08, 9.1.4 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| rrcau | RRCAU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | CHMMO_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR CHANNEL MODE MODIFY n -> ms GSM 04.08, 9.1.5 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| chd | CHD | |
| chmod | CHMOD | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | CHMMO_ACK_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR CHANNEL MODE MODIFY ACKNOWLEDGE ms -> n GSM 04.08, 9.1.6 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| chd | CHD | |
| chmod | CHMOD | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | CH_REL_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR CHANNEL RELEASE n -> ms GSM 04.08, 9.1.7 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| rrcau | RRCAU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CH_REL_PDU_ERR | |
| PCO Type: | SAP0_3 | |
| Comments: | RR CHANNEL RELEASE containing additional unknown IE n -> ms GSM 04.08, 9.1.7 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| rrcau | RRCAU | |
| add | OCTETSTRING | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | CH_RQ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR CHANNEL REQUEST ms -> n GSM 04.08, 9.1.8 | |
| Field Name | Field Type | Comments |
| ecau_rrf | BITSTRING [8] | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CPHM_CMD_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR CIPHERING MODE COMMAND n -> ms GSM 04.08, 9.1.9 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| cph_res | CPH_RES | |
| cphms | CPHMS | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | CPHM_CMD_PDU_ERR | |
| PCO Type: | SAP0_3 | |
| Comments: | RR CIPHERING MODE COMMAND with additional unknown IE GSM 04.08, 9.1.9 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| cph_res | CPH_RES | |
| cphms | CPHMS | |
| add | OCTETSTRING | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CPHM_COM_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR CIPHERING MODE COMPLETE ms -> n GSM 04.08, 9.1.10 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| mei | MI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | CLM_CHN_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR CLASSMARK CHANGE ms -> n GSM 04.08, 9.1.11 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| msclm | MSCLM2 | |
| msclm_adi | MSCLM3 | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CLM_ENQ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR CLASSMARK ENQUIRY n -> ms GSM 04.08, 9.1.12 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | FRQRE_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR FREQUENCY REDEFINITIONY n -> ms GSM 04.08, 9.1.13 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| chd | CHD | |
| ma | MA | |
| strt | STRT | |
| cchd | CCHD | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | HOACC_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR HANDOVER ACCESS ms -> n GSM 04.08, 9.1.14 | |
| Field Name | Field Type | Comments |
| horf | HORF | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | HO_CMD_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR HANDOVER COMMAND n -> ms GSM 04.08, 9.1.15 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| cd | CD | |
| ch1d_at | CHD | |
| horf | HORF | |
| pcmd | PCMD | |
| synchi | SYNCHI | |
| frqsl_at | FRQL | |
| frql_at | FRQL | |
| cchd | CCHD | |
| ch1mod | CHMOD | |
| ch2d_at | CHD | |
| ch2mod | CHMOD | |
| frqchs_at | FRQCHS | |
| ma_at | MA | |
| strt | STRT | |
| rtdif | TDIF | |
| ta | TA | |
| frqsl_bt | FRQL | |
| frql_bt | FRQL | |
| ch1d_bt | CHD | |
| ch2d_bt | CHD | |
| frqchs_bt | FRQCHS | |
| ma_bt | MA | |
| cphms | CPHMS | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | HO_COM_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR HANDOVER COMPLETE ms -> n GSM 04.08, 9.1.16 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| rrcau | RRCAU | |
| motdif | MTDIF | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | HOFL_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR HANDOVER FAILURE ms -> n GSM 04.08, 9.1.17 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| rrcau | RRCAU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | IMMASS_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR IMMEDIATE ASSIGNMENT n -> ms GSM 04.08, 9.1.18 | |
| Field Name | Field Type | Comments |
| l2_pl | LENGTH | |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| shoct | SHOCT | |
| pm | PM | |
| chd | CHD | |
| rqr | RQR | |
| ta | TA | |
| ma | MA | |
| strt | STRT | |
| iaroct | IARESTOCT | |
| Detailed Comments: | The message has a fixed length of 23 octets. | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | IMMASSX_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR IMMEDIATE ASSIGNMENT n -> ms GSM 04.08, 9.1.19 | |
| Field Name | Field Type | Comments |
| l2_pl | LENGTH | |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| shoct | SHOCT | |
| pm | PM | |
| chd1 | CHD | |
| rqr1 | RQR | |
| ta1 | TA | |
| chd2 | CHD | |
| rqr2 | RQR | |
| ta2 | TA | |
| ma | MA | |
| strt | STRT | |
| iaxroct | OCTETSTRING [1..4] | |
| Detailed Comments: | The message has a fixed length of 23 octets. | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | IMMASS_REJ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR IMMEDIATE REJECT n -> ms GSM 04.08, 9.1.20 | |
| Field Name | Field Type | Comments |
| l2_pl | LENGTH | |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| shoct | SHOCT | |
| pm | PM | |
| rqr1 | RQR | |
| wi1 | WI | |
| rqr2 | RQR | |
| wi2 | WI | |
| rqr3 | RQR | |
| wi3 | WI | |
| rqr4 | RQR | |
| wi4 | WI | |
| iarroct | OCTETSTRING [3] | |
| Detailed Comments: | The message has a fixed length of 23 octets. | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | MSR_RPT_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR MEASUREMENT REPORT ms -> n GSM 04.08, 9.1.21 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| msrr | MSRR | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | PG1_RQ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR PAGING REQUEST_TYPE1 n -> ms GSM 04.08, 9.1.22 | |
| Field Name | Field Type | Comments |
| l2_pl | LENGTH | |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| chn_m1_2 | CHNEED | |
| pm | PM | |
| mi1 | MI | |
| mi2 | MI | |
| p1roct | OCTETSTRING [0..17] | |
| Detailed Comments: | The message has a fixed length of 23 octets. | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | PG2_RQ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR PAGING REQUEST TYPE2 n -> ms GSM 04.08, 9.1.23 | |
| Field Name | Field Type | Comments |
| l2_pl | LENGTH | |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| chn_m1_2 | CHNEED | |
| pm | PM | |
| mi1 | TMSI | |
| mi2 | TMSI | |
| mi3 | MI | |
| p2roct | OCTETSTRING [1..11] | |
| Detailed Comments: | The message has a fixed length of 23 octets. | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | PG3_RQ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR PAGING REQUEST TYPE3 n -> ms GSM 04.08, 9.1.24 | |
| Field Name | Field Type | Comments |
| l2_pl | LENGTH | |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| chn_m1_2 | CHNEED | |
| pm | PM | |
| mi1 | TMSI | |
| mi2 | TMSI | |
| mi3 | TMSI | |
| mi4 | TMSI | |
| p3roct | OCTETSTRING [3] | |
| Detailed Comments: | The message has an L2 pseudo length of 19 octets and a total length of 23 octets. | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | PG_RES_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR PAGING RESPONSE ms -> n GSM 04.08, 9.1.25 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| shoct | SHOCT | |
| cphksn | CPHKS | |
| msclm | MSCLM2 | |
| mi | MI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | PART_REL_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR PARTIAL RELEASE n -> ms GSM 04.08, 9.1.26 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| chd | CHD | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | PHYINFO_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR PHYSICAL INFORMATION n -> ms GSM 04.08 clause 9.1.28 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| ta | TA | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | RRST_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR STATUS n <-> ms GSM 04.08, 9.1.29 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| rrcau | RRCAU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | SCHINFO_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR SYNCHRONIZATION CHANNEL INFORMATION n -> ms GSM 04.08, 9.1.30 | |
| Field Name | Field Type | Comments |
| ncc | NCC | |
| bcc | BCC | |
| t1 | T1 | |
| t2 | T2 | |
| t3_ | T3_ | |
| Detailed Comments: | SCHINFO_PDU has a total length of 25 bits (GSM 04.04). | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | SYSINFO1_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR SYSTEM INFORMATION TYPE1 n -> ms GSM 04.08, 9.1.31 | |
| Field Name | Field Type | Comments |
| l2_pl | LENGTH | |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| cchd | CCHD | |
| rachcp | RACHCP | |
| si1roct | OCTETSTRING [1] | |
| Detailed Comments: | The message has an L2 pseudo length of 21 octets and a total length of 23 octets. | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | SYSINFO2_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR SYSTEM INFORMATION TYPE2 n -> ms GSM 04.08, 9.1.32 | |
| Field Name | Field Type | Comments |
| l2_pl | LENGTH | |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| bcchfl | NCD | |
| nccp | NCCP | |
| rachcp | RACHCP | |
| Detailed Comments: | The message has an L2 pseudo length of 22 octets and a total length of 23 octets. | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | SYSINFO2bis_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR SYSTEM INFORMATION TYPE2bis or 2ter n -> ms GSM 04.08, 9.1.33, 9.1.33a | |
| Field Name | Field Type | Comments |
| l2_pl | LENGTH | |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| xbcchfl | NCD | |
| rachcp | RACHCP | |
| si2bisroct | OCTETSTRING [1..4] | |
| Detailed Comments: | This PDU type is used both for SYSINFO2bis, as well as for 2ter. The 2bis message has an L2 pseudo length of 21 octets and a total length of 23 octets. The 2ter message has an L2 pseudo length of 18 octets and a total length of 23 octets. | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | SYSINFO3_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR SYSTEM INFORMATION TYPE3 n -> ms GSM 04.08, 9.1.34 | |
| Field Name | Field Type | Comments |
| l2_pl | LENGTH | |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| ci | CI | |
| lai | LAI | |
| ccd | CCD | |
| co | CO | |
| csp | CSP | |
| rachcp | RACHCP | |
| si3roct | OCTETSTRING [4] | |
| Detailed Comments: | The message has an L2 pseudo length of 18 octets and a total length of 23 octets. | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | SYSINFO4_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR SYSTEM INFORMATION TYPE4 n -> ms GSM 04.08, 9.1.35 | |
| Field Name | Field Type | Comments |
| l2_pl | LENGTH | |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| lai | LAI | |
| csp | CSP | |
| rachcp | RACHCP | |
| cbchd | CHD | |
| cbchma | MA | |
| si4roct | OCTETSTRING [1..10] | |
| Detailed Comments: | The message has a total length of 23 octets. | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | SYSINFO5_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR SYSTEM INFORMATION TYPE5 n -> ms GSM 04.08, 9.1.36 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| bcchfl | NCD | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|--|---|----------|
| PDU Name: | SYSINFO5bis_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR SYSTEM INFORMATION TYPE5bis n -> ms GSM 04.08, 9.1.37 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| xbcchfl | NCD | |
| Detailed Comments: This message type is also used as SYSINFO5ter PDU. | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | SYSINFO6_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | RR SYSTEM INFORMATION TYPE6 n -> ms GSM 04.08, 9.1.38 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| rrpd | PD | |
| mt | MT | |
| ci | CI | |
| lai | LAI | |
| co | CO | |
| nccp | NCCP | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--------------------------------------|----------|
| PDU Name: | ABRT_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM ABORT n -> ms GSM 04.08, 9.2.8 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| rejcau | REJCAU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | AUTH_REJ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM AUTHENTICATION REJECT n -> ms GSM 04.08, 9.2.1 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | AUTH_RQ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM AUTHENTICATION REQUEST n -> ms GSM 04.08, 9.2.2 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| shoct | SHOCT | |
| cphksn | CPHKS | |
| rand | RAND | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | AUTH_RES_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM AUTHENTICATION RESPONSE ms -> n GSM 04.08, 9.2.3 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| sres | SRES | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CMRE_RQ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM CM REESTABLISHMENT REQUEST ms -> n GSM 04.08, 9.2.4 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| shoct | SHOCT | |
| cphksn | CPHKS | |
| msclm | MSCLM2 | |
| mi | MI | |
| lai | LAI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | CMS_ACP_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM CM SERVICE ACCEPT n -> ms GSM 04.08, 9.2.5 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | CMS_REJ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM CM SERVICE REJECT n -> ms GSM 04.08, 9.2.6 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| mmcau | REJCAU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CMS_RQ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM CM SERVICE REQUEST ms -> n GSM 04.08, 9.2.9 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| cphksn | CPHKSN | |
| svtype | CMSVTYPE | |
| msclm | MSCLM2 | |
| mi | MI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | ID_RQ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM IDENTITY REQUEST n -> ms GSM 04.08, 9.2.10 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| shoct | SHOCT | |
| idtype | IDTYPE | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | ID_RES_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM IDENTITY RESPONSE ms -> n GSM 04.08, 9.2.11 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| mi | MI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | IMSID_IN_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM IMSI DETACH INDICATION ms -> n GSM 04.08, 9.2.12 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| msclm | MSCLM1 | |
| mi | MI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | LUP_ACP_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM LOCATION UPDATING ACCEPT n -> ms GSM 04.08, 9.2.13 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| lai | LAI | |
| mi | MI | |
| fop | IEI_8 | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | LUP_ACP_PDU_ERR | |
| PCO Type: | SAP0_3 | |
| Comments: | MM LOCATION UPDATING ACCEPT n -> ms GSM 04.08, 9.2.13 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| lai | LAI | |
| mi | MI | |
| dupmi | MI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | LUP_REJ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM LOCATION UPDATING REJECT n -> ms GSM 04.08, 9.2.14 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| rejcau | REJCAU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | LUP_RQ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM LOCATION UPDATING REQUEST ms -> n GSM 04.08, 9.2.15 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| cphksn | CPHKS | |
| lutype | LUT | |
| lai | LAI | |
| msclm | MSCLM1 | |
| mi | MI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | MMST_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM STATUS n <-> ms GSM 04.08, 9.2.16 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| rejcau | REJCAU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | TMSIRE_CMD_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM TMSI REALLOCATION COMMAND n -> ms GSM 04.08, 9.2.17 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| lai | LAI | |
| mi | MI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | TMSIRE_COM_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | MM TMSI REALLOCATION COMPLETE ms -> n GSM 04.08, 9.2.18 | |
| Field Name | Field Type | Comments |
| ski | SKI | |
| mmpd | PD | |
| mt | MT | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | ALERT_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC ALERTING ms <-> n GSM 04.08, 9.3.1 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| fie | FIE | |
| pi | PI | |
| uu | UU | |
| ssvi | SSVI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CALL_CO_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC CALL CONFIRMED ms -> n GSM 04.08, 9.3.2 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| bcri | RPI | |
| bcap1 | BCAP | |
| bcap2 | BCAP | |
| cau | CAU | |
| cccap | CCCAP | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | CALL_PROC_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC CALL PROCEEDING n -> ms GSM 04.08, 9.3.3 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| bcri | RPI | |
| bcap1 | BCAP | |
| bcap2 | BCAP | |
| fie | FIE | |
| pi | PI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CONN_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC CONNECT n <-> ms GSM 04.08, 9.3.5 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| fie | FIE | |
| pi | PI | |
| cnm | CNN | |
| cns | CNS | |
| uu | UU | |
| ssvi | SSVI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | CONN_PDU_ERR | |
| PCO Type: | SAP0_3 | |
| Comments: | CC CONNECT n <-> ms Used as invalid message | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| unknown | UNKWN | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CONN_ACK_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC CONNECT ACKNOWLEDGE ms <-> n GSM 04.08, 9.3.6 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | DISC_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC DISCONNECT ms <-> n (both directions) GSM 04.08, 9.3.7 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| cau | CAU | |
| fie | FIE | |
| pi | PI | |
| uu | UU | |
| ssvi | SSVI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--------------|----------|
| PDU Name: | DISC_PDU_ERR | |
| PCO Type: | SAP0_3 | |
| Comments: | | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| cau | CAU | |
| unknown | UNKWN | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | ESETUP_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC EMERGENCY SETUP ms -> n GSM 04.08, 9.3.8 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| bcap | BCAP | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | FAC_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC FACILITY n <-> ms GSM 04.08, 9.3.9 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| cc_sspd | PD | |
| mt | MT | |
| fie | FIE | |
| ssvi | SSVI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--------------------------------------|----------|
| PDU Name: | HOLD_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC HOLD ms -> n GSM 04.08, 9.3.10 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | HOLD_ACK_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC HOLD ACKNOWLEDGE n -> ms GSM 04.08, 9.3.11 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | MODIFY_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC MODIFY ms <-> n GSM 04.08, 9.3.13 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| bcap | BCAP | |
| llcmp | LLCMP | |
| hlcmp | HLCMP | |
| rcsd | RCSD | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | MODIFY_COM_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC MODIFY COMPLETE ms <-> n GSM 04.08, 9.3.14 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| bcap | BCAP | |
| llcmp | LLCMP | |
| hlcmp | HLCMP | |
| rcsd | RCSD | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | MODIFY_REJ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC MODIFY REJECT ms <-> n GSM 04.08, 9.3.15 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| bcap | BCAP | |
| cau | CAU | |
| llcmp | LLCMP | |
| hlcmp | HLCMP | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | NOTIFY_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC NOTIFY ms <-> n GSM 04.08, 9.3.16 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| nti | NTI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | REGISTER_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | SS REGISTER ms <-> n GSM 04.80, 2.4 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| sspd | PD | |
| mt | MT | |
| fie | FIE | |
| ssvi | SSVI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | PROG_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC PROGRESS n -> ms GSM 04.08, 9.3.17 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| pi | PI | |
| uu | UU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | REL_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC RELEASE n <-> ms GSM 04.08, 9.3.18 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| cau | CAU | |
| cau2 | CAU | |
| fie | FIE | |
| uu | UU | |
| ssvi | SSVI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | REL_COM_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC or SS RELEASE COMPLETE n <-> ms GSM 04.08, 9.3.19; GSM 04.80, 2.5 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| cc_sspd | PD | |
| mt | MT | |
| cau | CAU | |
| fie | FIE | |
| uu | UU | |
| ssvi | SSVI | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | SETUP_MO_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC SETUP n <- ms GSM 04.08, 9.3.23.2 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| bcri | RPI | |
| bcap1 | BCAP | |
| bcap2 | BCAP | |
| fie | FIE | |
| cgps | CGPS | |
| cdpn | CDPN | |
| cdps | CDPS | |
| llcri | RPI | |
| llcmp1 | LLCMP | |
| llcmp2 | LLCMP | |
| hlcri | RPI | |
| hlcmp1 | HLCMP | |
| hlcmp2 | HLCMP | |
| uu | UU | |
| ssvi | SSVI | |
| clirsup | CLRSUP | |
| clirinv | CLRINV | |
| cccacp | CCCAP | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | SETUP_MT_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC SETUP n -> ms GSM 04.08, 9.3.23.1 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| bcri | RPI | |
| bcap1 | BCAP | |
| bcap2 | BCAP | |
| fie | FIE | |
| pi | PI | |
| sig | SIGNAL | |
| cgpn | CGPN | |
| cgps | CGPS | |
| cdpn | CDPN | |
| cdps | CDPS | |
| llcri | RPI | |
| llcmp1 | LLCMP | |
| llcmp2 | LLCMP | |
| hlcri | RPI | |
| hlcmp1 | HLCMP | |
| hlcmp2 | HLCMP | |
| uu | UU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---------------------------------|----------|
| PDU Name: | SMSCB_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | SMSCB message GSM 03.41, 9.3 | |
| Field Name | Field Type | Comments |
| blocktype | BLOCKTYPE | |
| serial_number | SERIAL_NUMBER | |
| message_id | OCTETSTRING[2] | |
| dcs | TPDCS | |
| page_param | BITSTRING[8] | |
| message_contents | OCTETSTRING | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | START_DTMF_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC START DTMF ms -> n GSM 04.08, 9.3.24 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| kpf | KPF | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | START_DTMF_ACK_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC START DTMF ACKNOWLEDGE n -> ms GSM 04.08, 9.3.25 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| kpf | KPF | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | START_DTMF_REJ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC START DTMF REJECT n -> ms GSM 04.08, 9.3.26 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| cau | CAU | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CCST_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC STATUS n <-> ms GSM 04.08, 9.3.27 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| cau | CAU | |
| cst | CST | |
| acst | ACST | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CCST_ENQ_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC STATUS ENQUIRY ms <-> n GSM 04.08, 9.3.28 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | STOP_DTMF_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC STOP DTMF ms -> n GSM 04.08, 9.3.29 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | STOP_DTMF_ACK_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CC STOP DTMF acknowledge n -> ms GSM 04.08, 9.3.30 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| ccpd | PD | |
| mt | MT | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---|--|----------|
| PDU Name: | CP_DATA_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | SMS CP DATA ms <-> n GSM 04.11, 7.2.1 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| smspd | PD | |
| mt | MT | |
| CPdata | CPDATA | |
| Detailed Comments: CPDATA contains RPDU - RP_ACK or RP_ERROR, either returning to the MS in case of MO, or reporting the outcome of a MT messaging attempt in case of MT . | | |

| PDU Type Definition | | |
|---------------------------|--|----------|
| PDU Name: | CPDATA_ACK_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CP DATA ACKNOWLEDGE ms <-> n GSM 04.11, 7.2.2 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| smspd | PD | |
| mt | MT | |
| Detailed Comments: | | |

| PDU Type Definition | | |
|---------------------------|---|----------|
| PDU Name: | CPERR_PDU | |
| PCO Type: | SAP0_3 | |
| Comments: | CP_ERROR n <-> ms GSM 04.11, 7.2.3 | |
| Field Name | Field Type | Comments |
| ti | TI | |
| smspd | PD | |
| mt | MT | |
| cp_cause | CP_CAU | |
| Detailed Comments: | CP_UDAT contains RPDU, RP_ACK or RP_ERROR, either returning to the MS in case of MO, or reporting the outcome of a MT messaging attempt in case of MT . | |

Constraints Part

Test suite type constraint declarations

Structured type constraint declarations

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Bcap(itc1:B_3; strc1:B_2; nirr:B_1; ra1 :B_2; sacp:B_3; sb:B_1; nbsb, nbdb:B_1; ur1:B_4; ir1:B_2; parity:B_3; ce1:B_2; modemt1:B_5) | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | BS bearer capability for direction n->ms BS 21, .. 26, except BS23 | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | '07'O | |
| extb3 | '1'B | |
| rchr | '01'B | |
| cs | '0'B | |
| tm | '0'B | |
| itc | itc1 | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | strc1 | |
| dplxm | '1'B | |
| config | '0'B | |
| nirr | nirr | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | ra1 | |
| sacp | sacp | |
| extb6 | '0'B | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | sb | |
| extb6a | '0'B | |
| nbsb | nbsb | |
| nb | '0'B | |
| ndb | ndb | |
| ur | ur1 | |
| extb6b | '0'B | |
| ir | ir1 | |
| nictx | '0'B | |
| nicrx | '0'B | |
| pi | parity | |
| extb6c | '1'B | |
| ce | ce1 | |
| modemt | modemt1 | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcapX(itc1:B_3; strc1:B_2; nirr:B_1; ra1 :B_2; sacp:B_3; sb:B_1; nbsb, nbdb:B_1; ur1:B_4; ir1:B_2; parity:B_3; ce1:B_2; modemt1:B_5; flct:B_5) | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | BS bearer capability for direction n->ms BS 21, .. 26, except BS23 | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | '08'O | |
| extb3 | '1'B | |
| rchr | '01'B | |
| cs | '0'B | |
| tm | '0'B | |
| itc | itc1 | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | strc1 | |
| dplxm | '1'B | |
| config | '0'B | |
| nirr | nirr | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | ra1 | |
| sacp | sacp | |
| extb6 | '0'B | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | sb | |
| extb6a | '0'B | |
| nbsb | nbsb | |
| nb | '0'B | |
| ndb | nbdb | |
| ur | ur1 | |
| extb6b | '0'B | |
| ir | ir1 | |
| nictx | '0'B | |
| nicrx | '0'B | |
| pi | parity | |
| extb6c | '1'B | |
| ce | ce1 | |
| modemt | modemt1 | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | flct | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Bcap_01 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | speech bearer capability for direction n->ms | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | '01'O | |
| extb3 | '1'B | |
| rchr | '01'B | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '000'B | |
| extb4 | OMIT | |
| spb | OMIT | |
| strc | OMIT | |
| dplxm | OMIT | |
| config | OMIT | |
| nirr | OMIT | |
| est | OMIT | |
| extb5 | OMIT | |
| accid | OMIT | |
| ra | OMIT | |
| sacp | OMIT | |
| extb6 | OMIT | |
| l1id | OMIT | |
| uil1 | OMIT | |
| sb | OMIT | |
| extb6a | OMIT | |
| nsb | OMIT | |
| nb | OMIT | |
| ndb | OMIT | |
| ur | OMIT | |
| extb6b | OMIT | |
| ir | OMIT | |
| nictx | OMIT | |
| nicrx | OMIT | |
| pi | OMIT | |
| extb6c | OMIT | |
| ce | OMIT | |
| modemt | OMIT | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Bcap_02 | |
| Structured Type: | BCAP | |
| Derivation Path: | Bcap_01. | |
| Comments: | invalid information element, length = 1, arbitrary contents. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '01'O | |
| extb3 | '1'B | |
| rchr | '11'B | |
| cs | '0'B | |
| tm | '1'B | |
| itc | '110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Bs2(itc1:B_3; strc1, ra1 :B_2; ur1:B_4; ir1,ce1:B_2; modemt1:B_5) | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | BS bearer capability for direction n->ms BS 21, .. 26, except BS23 | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | '07'O | |
| extb3 | '1'B | |
| rchr | '01'B | |
| cs | '0'B | |
| tm | '0'B | |
| itc | itc1 | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | strc1 | |
| dplxm | '1'B | |
| config | '0'B | |
| nirr | '0'B | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | ra1 | |
| sacp | '001'B | |
| extb6 | '0'B | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | '0'B | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | ur1 | |
| extb6b | '0'B | |
| ir | ir1 | |
| nictx | '0'B | |
| nicrx | '0'B | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ce1 | |
| modemt | modemt1 | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Bcap_Bs3(itc1:B_3; strc1, ra1 :B_2; sacp1:B_3; ur1:B_4; ir1,ce1:B_2; modemt1:B_5) | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | BS bearer capability for direction n->ms BS 11, .. 34 | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | '07'O | |
| extb3 | '1'B | |
| rchr | '01'B | |
| cs | '0'B | |
| tm | '0'B | |
| itc | itc1 | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | strc1 | |
| dplxm | '1'B | |
| config | '0'B | |
| nirr | '0'B | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | ra1 | |
| sacp | sacp1 | |
| extb6 | '0'B | |
| l1id | '10'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | '0'B | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | ur1 | |
| extb6b | '0'B | |
| ir | ir1 | |
| nictx | '0'B | |
| nicrx | '0'B | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ce1 | |
| modemt | modemt1 | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Bcap_Fax(strc1 :B_2; ur1:B_4; ir1,ce1:B_2) | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | BS bearer capability for direction n->ms Group3 facsimile | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | '07'O | |
| extb3 | '1'B | |
| rchr | '01'B | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '011'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | strc1 | |
| dplxm | '1'B | |
| config | '0'B | |
| nirr | '0'B | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | '0'B | |
| l1id | '10'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | '0'B | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | ur1 | |
| extb6b | '0'B | |
| ir | ir1 | |
| nictx | '0'B | |
| nicrx | '0'B | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ce1 | |
| modemt | '00000'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Bcap_Speech | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | speech bearer capability for direction n->ms | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | '01'O | |
| extb3 | '1'B | |
| rchr | '01'B | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '000'B | |
| extb4 | OMIT | |
| spb | OMIT | |
| strc | OMIT | |
| dplxm | OMIT | |
| config | OMIT | |
| nirr | OMIT | |
| est | OMIT | |
| extb5 | OMIT | |
| accid | OMIT | |
| ra | OMIT | |
| sacp | OMIT | |
| extb6 | OMIT | |
| l1id | OMIT | |
| uil1 | OMIT | |
| sb | OMIT | |
| extb6a | OMIT | |
| nsb | OMIT | |
| nb | OMIT | |
| ndb | OMIT | |
| ur | OMIT | |
| extb6b | OMIT | |
| ir | OMIT | |
| nictx | OMIT | |
| nicrx | OMIT | |
| pi | OMIT | |
| extb6c | OMIT | |
| ce | OMIT | |
| modemt | OMIT | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B121_300_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.1, is not for Setup messages, the rate 300 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0001'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_300_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.1, is not for Setup messages, the rate 300 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0001'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_1200_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 1200 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.1, is not for Setup messages, the rate 1200 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0010'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_1200_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 1200 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.1, is not for Setup messages, the rate 1200 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0010'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_2400_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 2400 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.1, is not for Setup messages, the rate 2400 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_2400_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 2400 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.1, is not for Setup messages, the rate 2400 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B121_4800_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 4800 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.1, is not for Setup messages, the rate 4800 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_4800_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 4800 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.1, is not for Setup messages, the rate 4800 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_9600_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: NT, bothNT, bothT</p> <p>S: SDU</p> <p>UIL2P: ISO 6429</p> <p>NDB: 7 bits</p> <p>NPB: any valid value.</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_9600_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: NT, bothNT, bothT</p> <p>S: SDU</p> <p>UIL2P: ISO 6429</p> <p>NDB: 8 bits</p> <p>NPB: none</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_9600_3 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: T S: unstructured UIL2P: NAV NDB: 7 bits NPB: any valid value.</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00000'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_9600_4 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: T S: unstructured UIL2P: NAV NDB: 8 bits NPB: none</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00000'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_120075_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 1200/75 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.1, is not for Setup messages, the rate 1200/75 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0111'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B121_120075_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.1 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.1, is not for Setup messages, the rate 1200/75 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0111'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_300_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits</p> <p>NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.2, is not for Setup messages, the rate 300 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0001'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00001'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_300_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.2, is not for Setup messages, the rate 300 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0001'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00001'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_1200_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 1200 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.2, is not for Setup messages, the rate 1200 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0010'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00010'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_1200_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 1200 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.2, is not for Setup messages, the rate 1200 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0010'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00010'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_2400_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 2400 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits</p> <p>NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.2, is not for Setup messages, the rate 2400 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00011'B, '00101'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_2400_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 2400 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.2, is not for Setup messages, the rate 2400 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00011'B, '00101'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_4800_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 4800 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.2, is not for Setup messages, the rate 4800 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00110'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_4800_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 4800 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.2, is not for Setup messages, the rate 4800 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00110'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_9600_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: NT, bothNT, bothT</p> <p>S: SDU</p> <p>UIL2P: ISO 6429</p> <p>NDB: 7 bits</p> <p>NPB: any valid value.</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00110'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_9600_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: NT, bothNT, bothT</p> <p>S: SDU</p> <p>UIL2P: ISO 6429</p> <p>NDB: 8 bits</p> <p>NPB: none</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00110'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_9600_3 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: T S: unstructured UIL2P: NAV NDB: 7 bits NPB: any valid value.</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00110'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_9600_4 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: T S: unstructured UIL2P: NAV NDB: 8 bits NPB: none</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00110'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_120075_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 1200/75 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.2, is not for Setup messages, the rate 1200/75 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0111'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00100'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B122_120075_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.2.2 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.2.2, is not for Setup messages, the rate 1200/75 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | ('001'B, '101'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0111'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00100'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1311_1200 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.1.1 of GSM 07.01. This constraint corresponds to the combination: IR: 8 kbits/s UR: 1.2 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | ('00'B, '01'B, '10'B) | |
| sacp | ('001'B, '010'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0010'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00000'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1311_2400 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.1.1 of GSM 07.01. This constraint corresponds to the combination: IR: 8 kbits/s UR: 2.4 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | ('00'B, '01'B, '10'B) | |
| sacp | ('001'B, '010'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00000'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1311_4800 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.1.1 of GSM 07.01. This constraint corresponds to the combination: IR: 8 kbits/s UR: 4.8 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | ('00'B, '01'B, '10'B) | |
| sacp | ('001'B, '010'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00000'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1311_9600 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.1.1 of GSM 07.01. This constraint corresponds to the combination: IR: 16 kbits/s UR: 9.6 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | ('00'B, '01'B, '10'B) | |
| sacp | ('001'B, '010'B) | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00000'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1312_2400 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.1.2 of GSM 07.01. This constraint corresponds to the combination: UR: 2.4 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '10'B | |
| sacp | '110'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '01'B | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '00110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1312_4800 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.1.2 of GSM 07.01. This constraint corresponds to the combination: UR: 4.8 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '10'B | |
| sacp | '110'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '01'B | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '00110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1312_9600 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.1.2 of GSM 07.01. This constraint corresponds to the combination: UR: 9.6 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '10'B | |
| sacp | '110'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '01'B | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '00110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1321_1200 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.2.1 of GSM 07.01. This constraint corresponds to the combination: IR: 8 kbit/s UR: 1.2 kbit/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0010'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00010'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1321_2400 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.2.1 of GSM 07.01. This constraint corresponds to the combination: IR: 8 kbit/s UR: 2.4 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | ('00011'B, '00101'B) | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1321_4800 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.2.1 of GSM 07.01. This constraint corresponds to the combination: IR: 8 kbit/s UR: 4.8 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00110'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1321_9600 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.2.1 of GSM 07.01. This constraint corresponds to the combination: IR: 16 kbits/s UR: 9.6 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00110'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1322_2400 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.2.2 of GSM 07.01. This constraint corresponds to the combination: CE: NT or "both" S: SDU UIL2P: X.25 IR: 16 kbits/s UR: 2.4 kbits/s</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '110'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00011'B, '00101'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '00110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1322_4800 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.2.2 of GSM 07.01. This constraint corresponds to the combination: CE: NT or "both" S: SDU UIL2P: X.25 IR: 16 kbits/s UR: 4.8 kbits/s</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '110'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00110'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '00110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1322_9600_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.2.2 of GSM 07.01. This constraint corresponds to the combination: CE: NT or "both" S: SDU UIL2P: X.25 IR: 16 kbits/s UR: 9.6 kbits/s</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '110'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00110'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '00110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1322_9600_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.3.2.2 of GSM 07.01. This constraint corresponds to the combination:</p> <p>CE: T S: unstructured UIL2P: NAV IR: 16 kbits/s UR: 9.6 kbits/s</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '110'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00110'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B14_300_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits</p> <p>NPB: any valid value but "none".</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.4, is not for Setup messages, the rate 300 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0001'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B14_300_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.4, is not for Setup messages, the rate 300 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0001'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B14_1200_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 1200 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits</p> <p>NPB: any valid value but "none".</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.4, is not for Setup messages, the rate 1200 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0010'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B14_1200_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 1200 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.4, is not for Setup messages, the rate 1200 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0010'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B14_2400_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 2400 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits</p> <p>NPB: any valid value but "none".</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.4, is not for Setup messages, the rate 2400 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B14_2400_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 2400 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.4, is not for Setup messages, the rate 2400 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B14_4800_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 4800 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits</p> <p>NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.4, is not for Setup messages, the rate 4800 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B14_4800_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 4800 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.4, is not for Setup messages, the rate 4800 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B14_9600_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: NT, bothNT, bothT</p> <p>S: SDU</p> <p>UIL2P: ISO 6429</p> <p>NDB: 7 bits</p> <p>NPB: any valid value but "none".</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nzb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B14_9600_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: NT, bothNT, bothT</p> <p>S: SDU</p> <p>UIL2P: ISO 6429</p> <p>NDB: 8 bits</p> <p>NPB: none</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B14_9600_3 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: T S: unstructured UIL2P: NAV NDB: 7 bits NPB: any valid value but "none".</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00000'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

Structured Type Constraint

Constraint Name: Bcap_Setup_B14_9600_4
Structured Type: BCAP
Derivation Path:
Comments: To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:
 CE: T
 S: unstructured
 UIL2P: NAV
 NDB: 8 bits
 NPB: none
 The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)
ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!

| Element Name | Element Value | Comments |
|--------------|--|----------|
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00000'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |

Detailed Comments:

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B14_120075_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 1200/75 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits</p> <p>NPB: any valid value but "none".</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.4, is not for Setup messages, the rate 1200/75 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0111'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B14_120075_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.4 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.4, is not for Setup messages, the rate 1200/75 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '01'B | |
| sacp | '100'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0111'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B15_2400 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.5 of GSM 07.01. This constraint corresponds to the combination:</p> <p>UR: 2.4 kbits/s</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '10'B | |
| sacp | '110'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '01'B | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '00110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B15_4800 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.5 of GSM 07.01. This constraint corresponds to the combination:</p> <p>UR: 4.8 kbits/s</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '10'B | |
| sacp | '110'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '01'B | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '00110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B15_9600 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.5 of GSM 07.01. This constraint corresponds to the combination:</p> <p>UR: 9.6 kbits/s</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '001'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '10'B | |
| sacp | '110'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '01'B | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '00110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B161 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.1 of GSM 07.01. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '0000100'B | |
| iel | '01'O | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '000'B | |
| extb4 | OMIT | |
| spb | OMIT | |
| strc | OMIT | |
| dplxm | OMIT | |
| config | OMIT | |
| nirr | OMIT | |
| est | OMIT | |
| extb5 | OMIT | |
| accid | OMIT | |
| ra | OMIT | |
| sacp | OMIT | |
| extb6 | OMIT | |
| l1id | OMIT | |
| uil1 | OMIT | |
| sb | OMIT | |
| extb6a | OMIT | |
| nsb | OMIT | |
| nb | OMIT | |
| ndb | OMIT | |
| ur | OMIT | |
| extb6b | OMIT | |
| ir | OMIT | |
| nictx | OMIT | |
| nicrx | OMIT | |
| pi | OMIT | |
| extb6c | OMIT | |
| ce | OMIT | |
| modemt | OMIT | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1621_300_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.6.2.1, is not for Setup messages, the rate 300 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0001'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00001'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1621_300_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.6.2.1, is not for Setup messages, the rate 300 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0001'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00001'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1621_1200_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 1200 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.6.2.1, is not for Setup messages, the rate 1200 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0010'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00010'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1621_1200_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 1200 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.6.2.1, is not for Setup messages, the rate 1200 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0010'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00010'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1621_2400_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 2400 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.6.2.1, is not for Setup messages, the rate 2400 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00011'B, '00101'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1621_2400_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 2400 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.6.2.1, is not for Setup messages, the rate 2400 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00011'B, '00101'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1621_4800_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 4800 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.6.2.1, is not for Setup messages, the rate 4800 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00110'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1621_4800_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 4800 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.6.2.1, is not for Setup messages, the rate 4800 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00110'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1621_9600_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: NT, bothNT, bothT</p> <p>S: SDU</p> <p>UIL2P: ISO 6429</p> <p>NDB: 7 bits</p> <p>NPB: any valid value.</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00110'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1621_9600_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: NT, bothNT, bothT</p> <p>S: SDU</p> <p>UIL2P: ISO 6429</p> <p>NDB: 8 bits</p> <p>NPB: none</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00110'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1621_9600_3 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: T S: unstructured UIL2P: NAV NDB: 7 bits NPB: any valid value.</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00110'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1621_9600_4 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 9600 Bits/s. This constraint corresponds to the combination:</p> <p>CE: T</p> <p>S: unstructured</p> <p>UIL2P: NAV</p> <p>NDB: 8 bits</p> <p>NPB: none</p> <p>The rate 9600 Bit/s can only be achieved with IR 16 kbits/s either using the path with CE: NT or "both" or using the path with CE:T. (See other steps for this table and rate)</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00110'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1621_120075_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 1200/75 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 7 bits NPB: any valid value.</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.6.2.1, is not for Setup messages, the rate 1200/75 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '0'B | |
| ur | '0111'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00100'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1621_120075_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.1 of GSM 07.01 for the UR 300 Bits/s. This constraint corresponds to the combination:</p> <p>NDB: 8 bits NPB: none</p> <p>Since the path acc. to comment 2) in GSM 07.01, clause B.1.6.2.1, is not for Setup messages, the rate 1200/75 Bit/s can only be achieved with IR 16 kbits/s and the path acc. to comment 1), which is for CE: NT or "both" only. So the path CE: T is discarded.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '1'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | ('0'B, '1'B) | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0111'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | ('00100'B, '01000'B) | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '01000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1622_1200 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.2 of GSM 07.01. This constraint corresponds to the combination: IR: 8 kbits/s UR: 1.2 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0010'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00010'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1622_2400 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.2 of GSM 07.01. This constraint corresponds to the combination: IR: 8 kbits/s UR: 2.4 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0011'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | ('00011'B, '00101'B) | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1622_4800 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.2 of GSM 07.01. This constraint corresponds to the combination: IR: 8 kbits/s UR: 4.8 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0100'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00110'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1622_9600 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.6.2.2 of GSM 07.01. This constraint corresponds to the combination: IR: 16 kbits/s UR: 9.6 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | ('01'B, '10'B, '11'B) | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '010'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00110'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1102_1 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.10.2 of GSM 07.01. This constraint corresponds to the combination: CE: NT or "both" S: SDU UIL2P: X.25 IR: 16 kbits/s UR: 2.4, 4.8 and 9.6 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | '01'B | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '011'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '00'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | ('0011'B, '0100'B, '0101'B) | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | ('01'B, '10'B, '11'B) | |
| modemt | '00000'B | |
| extb7 | '1'B | |
| l2id | '10'B | |
| uil2 | '00110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | Bcap_Setup_B1102_2 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.10.2 of GSM 07.01. This constraint corresponds to the combination: CE: T S: unstructured UIL2P: NAV IR: 8kBits/s UR: 2.4 and 4.8 kbits/s</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | '01'B | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '011'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | ('0011'B, '0100'B) | |
| extb6b | ('0'B, '1'B) | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00000'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | Bcap_Setup_B1102_3 | |
| Structured Type: | BCAP | |
| Derivation Path: | | |
| Comments: | <p>To check a Bearer Capability IE of a Setup PDU acc. to table in clause B.1.10.2 of GSM 07.01. This constraint corresponds to the combination: CE: T S: unstructured UIL2P: NAV IR: 16 kbits/s UR: 9.6 kbits/s ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING LOWER LAYER COMPATIBILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '00000100'B | |
| iel | ('01'O, '02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O) | |
| extb3 | '1'B | |
| rchr | '01'B | |
| cs | '0'B | |
| tm | '0'B | |
| itc | '011'B | |
| extb4 | '1'B | |
| spb | '0'B | |
| strc | '11'B | |
| dplxm | ('0'B, '1'B) | |
| config | '0'B | |
| nirr | ('0'B, '1'B) | |
| est | '0'B | |
| extb5 | '1'B | |
| accid | '00'B | |
| ra | '00'B | |
| sacp | '001'B | |
| extb6 | ('0'B, '1'B) | |
| l1id | '01'B | |
| uil1 | '0000'B | |
| sb | '0'B | |
| extb6a | ('0'B, '1'B) | |
| nsb | '0'B | |
| nb | '0'B | |
| ndb | '1'B | |
| ur | '0101'B | |
| extb6b | ('0'B, '1'B) | |
| ir | '11'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| pi | '011'B | |
| extb6c | '1'B | |
| ce | '00'B | |
| modemt | '00000'B | |
| extb7 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Blocktype_01(seqnum: BITSTRING; lb: BITSTRING) | |
| Structured Type: | BLOCKTYPE | |
| Derivation Path: | | |
| Comments: | Block type, GSM 04.12, 3.3.1 | |
| Element Name | Element Value | Comments |
| spare1 | '0'B | |
| lpd | '01'B | |
| lb | lb | |
| sequence_number | seqnum | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_01 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Default neighbour cells description for SYSTEM INFORMATION 2 and 5 under GSM900 with the ARFCN list = {10, 20, 40, 80, 90, 100, 110, 120}. | |
| Element Name | Element Value | Comments |
| rfl2 | '00'B | |
| extind | '0'B | |
| baind | '0'B | |
| rfl4 | '0000'B | |
| rfl | '8020080200800000000008000080200'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_02 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Alternative neighbour cells description for SYSTEM INFORMATION 2 and 5 under GSM900. These are ARFCNs 15, 85, 95, 105, 115, and 122 | |
| Element Name | Element Value | Comments |
| rfl4 | '0010'B | |
| rfl | '04010040100000000000000004000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_03 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Default neighbour cells description for SYSTEM INFORMATION 2 and 5 for DCS1800 for cell B with the ARFCN list = {520, 600, 700, 780, 810, 870}. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '0'B | |
| baind | '0'B | |
| rfl4 | '1001'B | |
| rfl | '04412C168E4400000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_04 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Alternative neighbour cells description for SYSTEM INFORMATION 2 and 5 for DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '0'B | |
| baind | '0'B | |
| rfl4 | '1001'B | |
| rfl | '09412C168E44000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_05 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 1 for idle mode testing of GSM900. | |
| Element Name | Element Value | Comments |
| rfl2 | '00'B | |
| extind | '0'B | |
| baind | '0'B | |
| rfl4 | '1000'B | |
| rfl | '000001001000030000004000000040'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_06 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_05. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 2 for idle mode testing of GSM900. | |
| Element Name | Element Value | Comments |
| rfl4 | '0100'B | |
| rfl | '0000020020000C0000008000000080'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_07 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_05. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 3 for idle mode testing of GSM900. | |
| Element Name | Element Value | Comments |
| rfl4 | '0010'B | |
| rfl | '000004004000300000010000000100'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_08 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_05. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 4 for idle mode testing of GSM900. | |
| Element Name | Element Value | Comments |
| rfl4 | '0001'B | |
| rfl | '000008008000C00000020000000200'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_09 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_05. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 5 for idle mode testing of GSM900. | |
| Element Name | Element Value | Comments |
| rfl4 | '0000'B | |
| rfl | '800010010003000000040000000400'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_10 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_05. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 6 for idle mode testing of GSM900. | |
| Element Name | Element Value | Comments |
| rfl4 | '0000'B | |
| rfl | '40002002000C000000080000000800'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_11 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_05. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 7 for idle mode testing of GSM900. | |
| Element Name | Element Value | Comments |
| rfl4 | '0000'B | |
| rfl | '200040040030000000100000001000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_12 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_05. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 8 for idle mode testing of GSM900. | |
| Element Name | Element Value | Comments |
| rfl4 | '1000'B | |
| rfl | '0000000000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_13 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 1 for idle mode testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| rfl4 | '1001'B | |
| rfl | '042DE8EDB149B80000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_14 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 2 for idle mode testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| rfl4 | '1001'B | |
| rfl | '04AE28ECF0CBB80000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_15 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 3 for idle mode testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| rfl4 | '1001'B | |
| rfl | '052E68EC304DB80000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_16 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 4 for idle mode testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| rfl4 | '1001'B | |
| rfl | '05AEA8EB6FCFB80000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_17 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 5 for idle mode testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| rfl4 | '1001'B | |
| rfl | '062F6869EF53B80000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_18 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 6 for idle mode testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| rfl4 | '1001'B | |
| rfl | '06AF28E9EED3B80000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_19 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | cells description for SYSTEM INFORMATION 2 and 5 of cell 7 for idle mode testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| rfl4 | '1001'B | |
| rfl | '072F5FE900D5480000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_20 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for measurement testing. Empty BA list, format is bitmap 0, IE carries complete BA. | |
| Element Name | Element Value | Comments |
| baind | '1'B | |
| rfl | '00000000000000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_21 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for measurement testing. BA list = {2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 28, 29, 30, 32, 34, 35, 36, 38, 40, 44}, format is bitmap 0, IE carries complete BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '00'B | |
| extind | '0'B | |
| baind | '1'B | |
| rfl4 | '0000'B | |
| rfl | '00000000000000000000000008AEBAFFBFFA'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_22 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for measurement testing. BA list = {2, 14, 20, 38, 44}, format is bitmap 0, IE carries complete BA. | |
| Element Name | Element Value | Comments |
| baind | '1'B | |
| rfl | '000000000000000000000000082000082002'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_24 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | neighbour cells description with out channel for SYSTEM INFORMATION 5 for GSM. Empty BA-list. Format is bitmap 0, IE carries only a part of the BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '00'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0000'B | |
| rfl | '00000000000000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_25 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description without channel for SYSTEM INFORMATION 5 for DCS1800. Empty BA-list. Format is bitmap 0, IE carries only a part of the BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0000'B | |
| rfl | '00000000000000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_26 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5bis for GSM900. ARFCN 500 belongs to the BA list, format is 1024 range, IE carries only a part of the BA | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0001'B | |
| rfl | 'F40000000000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_27 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for DCS1800. BA list = {514, 530, 549, 602, 665, 686, 762, 810}, format is 1024 range, IE carries complete BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '0'B | |
| baind | '1'B | |
| rfl4 | '0010'B | |
| rfl | '99C6187B6D0D4C3800000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_28 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for measurement testing. BA list = {2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 28, 29, 30, 32, 34, 35, 36, 38, 40, 44}, format is bitmap 0, IE carries only a part of the BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '00'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0000'B | |
| rfl | '000000000000000000000008AEBAFFBFFA'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_29 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for DCS1800 measurement testing. BA list = {549, 602, 665, 686, 810}. Format is range 1024, IE carries only a part of the BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0010'B | |
| rfl | '99E0A472E100000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_30 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5bis for measurement testing. BA list {0, 800}, format is range 1024, IE carries only a part of the BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0111'B | |
| rfl | '20000000000000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_31 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for DCS1800 measurement testing. BA list {20, 514, 530, 549, 762}, format is range 1024, IE carries only a part of the BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0000'B | |
| rfl | '1473FF8AFC00000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_32 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for DCS1800 measurement testing. BA list {514, 549, 602, 665, 810 }, format is range 1024, IE carries complete BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '0'B | |
| baind | '1'B | |
| rfl4 | '0000'B | |
| rfl | '5AE5B4375BC00000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_33 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for GSM900. BA list = {2, 14, 20, 38, 44}, format is bitmap 0, IE carries only a part of the BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '00'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0000'B | |
| rfl | '000000000000000000000000082000082002'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_34 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for DCS1800 measurement testing. BA list = {549, 602, 810 }, format is range 1024, IE carries only a part of the BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0010'B | |
| rfl | '5AE5B4000000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_34d | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for DCS1800 measurement testing. BA list = {514, 665 }, format is range 1024, IE carries only a part of the BA. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0010'B | |
| rfl | '99B480000000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_35 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for measurement testing. | |
| Element Name | Element Value | Comments |
| baind | '1'B | |
| rfl | '0000000000000000000000082082082082'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_36 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for measurement testing. | |
| Element Name | Element Value | Comments |
| extind | '1'B | |
| baind | '1'B | |
| rfl | '0000000000000000000000082082082002'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_37 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for measurement testing. | |
| Element Name | Element Value | Comments |
| rfl2 | '00'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0000'B | |
| rfl | '00000000000000000000000000000000A2'O | |
| Detailed Comments: | only used in TC_26_6_3_5 | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_38 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '0110'B | |
| rfl | 'CBA3BEB89A9048C0000000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_39 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '1111'B | |
| rfl | 'E28000000010000014500000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_40 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '1101'B | |
| rfl | '5B945800000000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_41 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 BIS for GSM900. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '1001'B | |
| rfl | '097BBA32AE888C0000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_42 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for GSM900. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '1000'B | |
| rfl | 'FA0787AE4B880000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_43 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for GSM900. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '1111'B | |
| rfl | 'E28000000010000014400000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_44 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Neighbour cells description for SYSTEM INFORMATION 5 for DCS1800. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '1'B | |
| rfl4 | '1011'B | |
| rfl | '97E8E80CEF800000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_45 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description of cell B for SYSTEM INFORMATION 2 and 5 under GSM900. | |
| Element Name | Element Value | Comments |
| rfl | '802008020080000000000000000000200'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_46 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Default neighbour cells description for SYSTEM INFORMATION 2bis and 5bis in cell A under EGSMwith the ARFCN list = {988, 990, 1003}. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '0'B | |
| rfl4 | '1011'B | |
| rfl | 'EE07F3000000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | BcchFreqLst_47 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Default neighbour cells description for SYSTEM INFORMATION 2bis and 5bis in cell B under EGSMwith the ARFCN list = {1005, 1010, 1015}. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '1'B | |
| baind | '0'B | |
| rfl4 | '1101'B | |
| rfl | 'F68AEC000000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_48 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | Default neighbour cells description for SYSTEM INFORMATION 2 and 5 for DCS1800 for cell B in RR, MM and SMS test cases with the ARFCN list = {520, 590, 600, 700, 780, 810, 870}. | |
| Element Name | Element Value | Comments |
| rfl2 | '10'B | |
| extind | '0'B | |
| baind | '0'B | |
| rfl4 | '1001'B | |
| rfl | '04411307BB00C80000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | BcchFreqLst_49 | |
| Structured Type: | NCD | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| rfl2 | '00'B | |
| extind | '0'B | |
| baind | '0'B | |
| rfl4 | '0000'B | |
| rfl | '220000000000000000008800000200'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e201 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '038C0D0C00000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e202 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '058DEF07FE000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e203 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '078904797F83F98000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e204 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '0987EDFF0E3CFD0000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e205 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '078E00000020020000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e206 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '10000000000000000000000000000020'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e207 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '078904797F83F98000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e208 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '058C0026D000000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e209 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '058A00137400000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e210 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '0583E8100500000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e211 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '058FBA020014000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | BcchFreqLst_e212 | |
| Structured Type: | NCD | |
| Derivation Path: | BcchFreqLst_01. | |
| Comments: | Default neighbour cells description any cell for SYSTEM INFORMATION 2 and 5 under EGSM. | |
| Element Name | Element Value | Comments |
| rfl | '06890478FCC0000000000000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------|----------|
| Constraint Name: | CallState_01(st:INTEGER) | |
| Structured Type: | CST | |
| Derivation Path: | | |
| Comments: | CC state 'st' | |
| Element Name | Element Value | Comments |
| cs | '11'B | |
| csv | INT_TO_BIT(st, 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_Def | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with any valid cause value, any valid location. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | ('0000'B, '0001'B, '0010'B, '0011'B, '0100'B, '0101'B, '0111'B, '1010'B) | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | ? | |
| cau_class | ? | |
| cau_va | ? | |
| cau_di | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Cause_01 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #16, location = user. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '0000'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '001'B | |
| cau_va | '0000'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_01iei | |
| Structured Type: | CAU | |
| Derivation Path: | Cause_01. | |
| Comments: | optional (IEI present) cause information element with cause value = #16, location = user. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | Cause_02 | |
| Structured Type: | CAU | |
| Derivation Path: | Cause_01. | |
| Comments: | cause value #97 | |
| Element Name | Element Value | Comments |
| iel | ? | |
| location | ? | |
| extb4 | ? | |
| cau_class | '110'B | |
| cau_va | '0001'B | |
| cau_di | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Cause_03 | |
| Structured Type: | CAU | |
| Derivation Path: | Cause_01.Cause_02. | |
| Comments: | cause #98 -- message type not compatible with protocol state | |
| Element Name | Element Value | Comments |
| cau_va | '0010'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_04 | |
| Structured Type: | CAU | |
| Derivation Path: | Cause_01.Cause_02. | |
| Comments: | The cause value is #96 -- invalid mandatory information | |
| Element Name | Element Value | Comments |
| cau_va | '0000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_04iei | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | The cause value is #96 -- invalid mandatory information | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | ? | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | ? | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | ? | |
| cau_class | '110'B | |
| cau_va | '0000'B | |
| cau_di | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_06 | |
| Structured Type: | CAU | |
| Derivation Path: | Cause_01. | |
| Comments: | Cause information element containing arbitrary spare bits | |
| Element Name | Element Value | Comments |
| spb | '1'B | |
| cau_class | '000'B | |
| cau_va | '0001'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_07 | |
| Structured Type: | CAU | |
| Derivation Path: | Cause_01. | |
| Comments: | cause information element with cause value = #81. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | ? | |
| location | ? | |
| extb4 | ? | |
| cau_class | '101'B | |
| cau_va | '0001'B | |
| cau_di | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------|----------|
| Constraint Name: | Cause_08 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | used as an unknown IE | |
| Element Name | Element Value | Comments |
| iei | '00100100'B | |
| iel | '01'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '1'B | |
| location | '1111'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | OMIT | |
| cau_class | OMIT | |
| cau_va | OMIT | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------|----------|
| Constraint Name: | Cause_09 | |
| Structured Type: | CAU | |
| Derivation Path: | Cause_08. | |
| Comments: | used as an unknown IE | |
| Element Name | Element Value | Comments |
| iei | '01111101'B | |
| iel | '01'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '1110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_10 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #1, location = user. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '0000'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '000'B | |
| cau_va | '0001'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_11 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #31. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '0000'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '001'B | |
| cau_va | '1111'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_12 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #88. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '????'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '101'B | |
| cau_va | '1000'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_13 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #21. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '????'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '001'B | |
| cau_va | '0101'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Cause_14 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #102. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | ? | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '????'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | ? | |
| cau_class | '110'B | |
| cau_va | '0110'B | |
| cau_di | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Cause_15 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #47, n -> ms. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '0010'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '010'B | |
| cau_va | '1111'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Cause_16 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #58 bearer capability not presently available, n -> ms. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '0010'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '011'B | |
| cau_va | '1010'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_17 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | optional (IEI present) cause information element with cause value = #17 user busy. ms -> n. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | ? | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '????'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | ? | |
| cau_class | '001'B | |
| cau_va | '0001'B | |
| cau_di | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_18 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #30 response to status enquiry. ms -> n. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '????'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | ? | |
| cau_class | '001'B | |
| cau_va | '1110'B | |
| cau_di | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Cause_22 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #81. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '????'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '101'B | |
| cau_va | '0001'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Cause_23 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #102. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '0000'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '110'B | |
| cau_va | '0110'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Cause_24 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #68, location = user. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '0000'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '100'B | |
| cau_va | '0100'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Cause_26 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #16, location = user. n->ms | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '0000'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '001'B | |
| cau_va | '0000'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------|----------|
| Constraint Name: | Cause_27 | |
| Structured Type: | CAU | |
| Derivation Path: | Cause_26. | |
| Comments: | cause value #88, ms->n. | |
| Element Name | Element Value | Comments |
| iel | ? | |
| location | ? | |
| extb4 | ? | |
| cau_class | '101'B | |
| cau_va | '1000'B | |
| cau_di | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Cause_28 | |
| Structured Type: | CAU | |
| Derivation Path: | | |
| Comments: | cause information element with cause value = #29 'facility rejected', n -> ms. | |
| Element Name | Element Value | Comments |
| iei | '00001000'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| location | '0010'B | |
| extb3a | OMIT | |
| rec | OMIT | |
| extb4 | '1'B | |
| cau_class | '001'B | |
| cau_va | '1101'B | |
| cau_di | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Ca1_g04 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | ARFCNs = 2, 4, 6, ..., 124, 1, 3, for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '0AAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAF'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Ca1_g05 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | ARFCNs = 21, ..., 84, for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '000000000000FFFFFFFFFFFFFFFF0000 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca1_g06 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | ARFCNs = 81, ..., 124, 1, ..., 20, for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '0FFFFFFFFF0000000000000000FFFF F'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Ca1_g07 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | ARFCNs = 11, ..., 74, for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '000000000000003FFFFFFFFFFFFFFC0 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Ca1_g08 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | ARFCNs = 31, ..., 94, for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '000000003FFFFFFFFFFFFFFC000000 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca1_g09 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | ARFCNs = 51, ..., 114, for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '0003FFFFFFFFFFFFFFFFC00000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-------------------------------------|---|----------|
| Constraint Name: | Ca2_g01 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 30 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '0F00F000003C003C0000FE003C008081' O | |
| Detailed Comments: 30 ARFCHs | | |

| Structured Type Constraint | | |
|-------------------------------------|---|----------|
| Constraint Name: | Ca2_g02 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 30 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '0101F1F1010101012101011111111111' O | |
| Detailed Comments: 30 ARFCHs | | |

| Structured Type Constraint | | |
|-------------------------------------|---|----------|
| Constraint Name: | Ca2_g03 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 30 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '00101010101010101010101010101010FFFF' O | |
| Detailed Comments: 30 ARFCHs | | |

| Structured Type Constraint | | |
|-------------------------------------|---|----------|
| Constraint Name: | Ca2_g04 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 30 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '00909090909090909090909090909090' O | |
| Detailed Comments: 30 ARFCHs | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca3_g01 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 12 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '00000000000000000000000000000000E0F0F1' O | |
| Detailed Comments: | 12 ARFCNs | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca3_g02 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 12 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '00010001010001012001010001018080' O | |
| Detailed Comments: | 12 ARFCNs | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca3_g03 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 12 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '00C0008000C000C000C000C000000010' O | |
| Detailed Comments: | 12 ARFCNs | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca3_g04 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 12 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '00000000080018180000180018001880' O | |
| Detailed Comments: | 12 ARFCNs | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca3_g05 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 12 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '00000000002000240024002401240024' O | |
| Detailed Comments: | 12 ARFCNs | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca3_g06 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 12 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '00300300003000000300300003000000' O | |
| Detailed Comments: | 12 ARFCHs | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca3_g07 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 12 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '00101000100000080800080810128080' O | |
| Detailed Comments: | 12 ARFCHs | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Ca3_g08 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 12 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '0F000000000000380000002000000F0' O | |
| Detailed Comments: | 12 ARFCHs | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Ca3_g09 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 12 ARFCNs for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '0081810000000040460000000008181' O | |
| Detailed Comments: | 12 ARFCHs | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca1_d01 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 64 ARFCNs for DCS of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '8F5E800000000000FFFFFFFFFFFFFFF' FO | |
| Detailed Comments: | 64 ARFCHs: 749, ..., 812 | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Ca1_d02 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 64 ARFCNs for DCS of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '8F5EFFFFFFFFFFFFFFFF8000000000 0'O | |
| Detailed Comments: | 64 ARFCHs: 702, ..., 765 | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca1_d03 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 64 ARFCNs for DCS of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '8F5ED5555555D5D5D5D5D5D555 55'O | |
| Detailed Comments: | 64 ARFCHs: 702, 704, ..., 812, 733, 741, 749, 757, 765, 773, 781, 789 | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca1_d04 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 64 ARFCNs for DCS of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '8F5E8000FF00FF00F000FFFFFFFF F'O | |
| Detailed Comments: | 64 ARFCHs: 717, ..., 724, 733, ..., 744, 757, ..., 760, 773, ..., 812 | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ca1_d05 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | 64 ARFCNs for DCS of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '8F5EFFFFFFFF0004474747474747 'O | |
| Detailed Comments: | 64 ARFCHs: 702, ..., 732, 749, 750, 754, ..., 756, 758, 762, ..., 764, 766, 770, ..., 772, 774, 778, ..., 780, 782, 786, ..., 788, 790, 794, ..., 796, 798, 802, ..., 804, 806, 810, ..., 812 | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | CellChDes_01 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | ARFCN = 124 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '38000000000000000000000000000000' | |
| | O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | CellChDes_01d | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | ARFCN = 801 | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | 'BF908000000000000000000000000000' | |
| | O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_02 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | for cell A in RR testing of GSM 900 with the ARFCN_list={20,30,50,70}. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '00000000000000200002000020080000' | |
| | O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_03 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | for cell A in RR testing of DCS1800 with the ARFCN list = {590, 650, 750, 850}.. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '89272827190000000000000000000000' | |
| | O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | CellChDes_04 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | for cell B in RR testing of GSM 900. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '00000000000000000000000000000200' | |
| | O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_07d | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_04. | |
| Comments: | for cell N3 in measurement testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl | '82990000000000000000000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_08 | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_04. | |
| Comments: | for cell N4 in measurement testing of GSM 900. | |
| Element Name | Element Value | Comments |
| rfl | '000000000000000000000000000000002000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_08d | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_04. | |
| Comments: | for cell N4 in measurement testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl | '82FA000000000000000000000000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_09 | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_04. | |
| Comments: | for cell N5 in measurement testing of GSM 900. | |
| Element Name | Element Value | Comments |
| rfl | '00000000000000000000000000000000080000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_09d | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_04. | |
| Comments: | for cell N5 in measurement testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl | '82AE0000000000000000000000000000080000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_10 | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_04. | |
| Comments: | for cell N6 in measurement testing of GSM 900. | |
| Element Name | Element Value | Comments |
| rfl | '000000000000000000000000002000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_10d | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_04. | |
| Comments: | for cell N6 in measurement testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl | '8225000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_11 | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_04. | |
| Comments: | for cell N7 in measurement testing of GSM 900. | |
| Element Name | Element Value | Comments |
| rfl | '008000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_11d | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_04. | |
| Comments: | for cell N7 in measurement testing of DCS1800. | |
| Element Name | Element Value | Comments |
| rfl | '832A000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_12 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | bit map o format | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---|---|----------|
| Constraint Name: | CellChDes_17 | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | for cell B in RR testing of GSM 900 with the ARFCN_list={10, 80, 100, 120}. | |
| Element Name | Element Value | Comments |
| rfl | '00800008000080000000000000000000200' O | |
| Detailed Comments: Used in TC_26_6_13_5, TC_26_6_13_6, TC_26_6_13_7, TC_26_6_13_8. | | |

| Structured Type Constraint | | |
|---|---|----------|
| Constraint Name: | CellChDes_17man | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | for cell B in RR testing of GSM 900 with the ARFCN_list={10, 80, 100, 120}. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '00800008000080000000000000000000200' O | |
| Detailed Comments: Used in TC_26_6_13_5, TC_26_6_13_6, TC_26_6_13_7, TC_26_6_13_8. | | |

| Structured Type Constraint | | |
|---|---|----------|
| Constraint Name: | CellChDes_18 | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | for cell B in RR testing of DCS with the ARFCN_list={520, 600, 700, 870}. | |
| Element Name | Element Value | Comments |
| rfl | '89041403D90000000000000000000000000000' O | |
| Detailed Comments: Used in TC_26_6_13_5, TC_26_6_13_6, TC_26_6_13_7, TC_26_6_13_8. | | |

| Structured Type Constraint | | |
|---|---|----------|
| Constraint Name: | CellChDes_18man | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | for cell B in RR testing of DCS with the ARFCN_list={520, 600, 700, 870}. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '89041403D90000000000000000000000000000' O | |
| Detailed Comments: Used in TC_26_6_13_5, TC_26_6_13_6, TC_26_6_13_7, TC_26_6_13_8. | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_19 | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | Frequency list for EGSM test case TC_26_10_2_2: 0, 30, 40, 66, 80, 1005, 1010, 1015. | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '841EEA893EF981438000000000000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_20_A | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | Cell Channel Description for any cell in RR testing of GSM 900 HO cases with the ARFCN_list={10,17,20,26,34,42,45,46,52,59,66,73,74,75,76,108,114}. | |
| Element Name | Element Value | Comments |
| rfl | '000208000000F220408320222090200' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_20_Aman | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | Cell Channel Description for any cell in RR testing of GSM 900 HO cases with the ARFCN_list={10,17,20,26,34,42,45,46,52,59,66,73,74,75,76,108,114}. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '000208000000F220408320222090200' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_201_Ad | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | Cell Channel Description for cell A in RR testing of DCS1800 HO cases with the ARFCN_list={734,741,747,754,759,762,766,767,773,775,779,782,791,798,829,832,844} using 256 format. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '8B6F14F32FC602C59EFA5499940000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_202_Ad | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | Cell Channel Description for cell A in RR testing of DCS1800 HO cases with the Complete Cell Allocation of Cell A in HO cases using 512 format. ARFCN_list={734,741,747,754,759,762,766,767,773,775,779,782,791,798,829,832,844} using 512 format. | |
| Element Name | Element Value | Comments |
| rfl | '896F0A7CC5FC700A8B9F7FF45246334' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_202_Adman | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | Cell Channel Description for cell A in RR testing of DCS1800 HO cases with the Complete Cell Allocation of Cell A in HO cases using 512 format. ARFCN_list={734,741,747,754,759,762,766,767,773,775,779,782,791,798,829,832,844} using 512 format. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '896F0A7CC5FC700A8B9F7FF45246334 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_20_B | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | for cell B in RR testing of GSM 900 HO cases with the complete Cell Allocation ARFCN_list={14,18,22,24,30,31,38,40,60,66,73,74,75,76,108,114}. | |
| Element Name | Element Value | Comments |
| rfl | '000208000000F02080000A060A22000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_20_Bman | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | for cell B in RR testing of GSM 900 HO cases with the complete Cell Allocation ARFCN_list={14,18,22,24,30,31,38,40,60,66,73,74,75,76,108,114}. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '000208000000F02080000A060A22000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_20_Be(par_rfl:OCTETSTRING) | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | for cell B in RR testing of EGSM HO cases with the complete Cell Allocation ARFCN_list={par_rfl}. | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | par_rfl | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_201_Bd | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | Cell Channel Description for cell B in RR testing of DCS1800 HO cases with the ARFCN_list={739,743,746,749,756,758,761,764,771,779,782,791,798,829,832,844} using 256 format. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '8A71907137B602C5DEF7A348D800000 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_202_Bd | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | Cell Channel Description for cell B in RR testing of DCS1800 HO cases with the ARFCN_list={739,743,746,749,756,758,761,764,771,779,782,791,798,829,832,844} using 512 format. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '8A71907137B602C5DEF7A348D800000 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_20_B0d | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | for cell B in RR testing of DCS1800 HO cases with the complete Cell Allocation List_ARFCN= complete cell allocation of cell B in HO cases. | |
| Element Name | Element Value | Comments |
| rfl | '8B751A2245DFA1980000000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_21_B | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | for any cell in RR testing of GSM 900 HO cases with the ARFCN_list={40,66,73,74,75,76,108,114}. | |
| Element Name | Element Value | Comments |
| rfl | '0002080000000F000400008000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_21_Bd | |
| Structured Type: | CCHD | |
| Derivation Path: | CellChDes_01. | |
| Comments: | for cell B in RR testing of GSM 900 HO cases with the List_ARFCN={761,764,771,779,782,791,798,829,832} | |
| Element Name | Element Value | Comments |
| rfl | '897C87BD09BC61060F90000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_22 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | for cell A in EGSM testing: 20, 30, 50, 70 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | '00000000000000200002000020080000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------|----------|
| Constraint Name: | CellChDes_omit | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| rfl | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellChDes_r01 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | for cell A in RR testing of DCS1800 with the ARFCN_list={773, 775, 779, 782, 791, 798, 829, 832, 844}. | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '8D8299C22EF52CC00000000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_r02 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | for cell A in RR testing of GSM 900 with the ARFCN_list={741, 747}. | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '8F728200000000000000000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_r03 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | for cell A in RR testing of GSM 900 with the ARFCN_list={45, 46, 52, 59, 66, 73, 74, 75, 76, 108, 114}. | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '0002080000000000F0204083000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellChDes_r04 | |
| Structured Type: | CCHD | |
| Derivation Path: | | |
| Comments: | for cell A in RR testing of GSM 900 with the ARFCN_list={17, 20}. | |
| Element Name | Element Value | Comments |
| iei | '01100010'B | |
| rfl | '0000000000000000000000000000090000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellDescrp_01 | |
| Structured Type: | CD | |
| Derivation Path: | | |
| Comments: | BCCH channel for Cell A | |
| Element Name | Element Value | Comments |
| bcch_arfcn_h | OC_MostBits(INT_TO_BIT(C_arfcnA,10), 2) | |
| ncc | '001'B | |
| bcc | '101'B | |
| bcch_arfcn_l | OC_LeastBits(INT_TO_BIT(C_arfcnA,10), 8) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellDescrp_02 | |
| Structured Type: | CD | |
| Derivation Path: | | |
| Comments: | BCCH channel for Cell B | |
| Element Name | Element Value | Comments |
| bcch_arfcn_h | OC_MostBits(INT_TO_BIT(TSPX_BCCHc arrierB,10),2) | |
| ncc | '001'B | |
| bcc | '110'B | |
| bcch_arfcn_l | OC_LeastBits(INT_TO_BIT(TSPX_BCCH carrierB,10),8) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellDescrp_03 | |
| Structured Type: | CD | |
| Derivation Path: | | |
| Comments: | cell description for Cell S1 of GSM in TC_26_6_3_4 | |
| Element Name | Element Value | Comments |
| bcch_arfcn_h | '00'B | |
| ncc | '001'B | |
| bcc | '011'B | |
| bcch_arfcn_l | '00000010'B | |
| Detailed Comments: | ARFCN = 2 | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellDescrp_03d | |
| Structured Type: | CD | |
| Derivation Path: | | |
| Comments: | cell description for Cell S1 of DCS in TC_26_6_3_4 | |
| Element Name | Element Value | Comments |
| bcch_arfcn_h | '10'B | |
| ncc | '001'B | |
| bcc | '011'B | |
| bcch_arfcn_l | '00000010'B | |
| Detailed Comments: | ARFCN = 514 | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | CellDescrp_20 | |
| Structured Type: | CD | |
| Derivation Path: | | |
| Comments: | BCCH channel for Cell B in HO cases | |
| Element Name | Element Value | Comments |
| bcch_arfcn_h | '00'B | |
| ncc | '001'B | |
| bcc | '101'B | |
| bcch_arfcn_l | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CellDescrp_21_A | |
| Structured Type: | CD | |
| Derivation Path: | CellDescrp_20. | |
| Comments: | ARFCN in Cell A in HO cases | |
| Element Name | Element Value | Comments |
| bcch_arfcn_h | OC_MostBits(INT_TO_BIT(TSPX_BCCHcarrierA_HO,10),2) | |
| bcch_arfcn_l | OC_LeastBits(INT_TO_BIT(TSPX_BCCHcarrierA_HO,10),8) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | CellDescrp_21_B | |
| Structured Type: | CD | |
| Derivation Path: | CellDescrp_20. | |
| Comments: | For Cell B in HO cases | |
| Element Name | Element Value | Comments |
| bcch_arfcn_l | INT_TO_BIT(TSPX_BCCHcarrierB_HO, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | CellDescrp_21_Be | |
| Structured Type: | CD | |
| Derivation Path: | CellDescrp_20. | |
| Comments: | For Cell B in HO cases | |
| Element Name | Element Value | Comments |
| bcch_arfcn_l | INT_TO_BIT(C_BCCHcarrierB_hoe, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------|----------|
| Constraint Name: | CellDescrp_r01 | |
| Structured Type: | CD | |
| Derivation Path: | | |
| Comments: | For Cell A | |
| Element Name | Element Value | Comments |
| bcch_arfcn_h | '00'B | |
| ncc | '001'B | |
| bcc | '101'B | |
| bcch_arfcn_l | '00010100'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------|----------|
| Constraint Name: | CellDescrp_r01d | |
| Structured Type: | CD | |
| Derivation Path: | | |
| Comments: | For Cell A of DCS1800 | |
| Element Name | Element Value | Comments |
| bcch_arfcn_h | '10'B | |
| ncc | '001'B | |
| bcc | '101'B | |
| bcch_arfcn_l | '01001110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------|----------|
| Constraint Name: | CellDescrp_r02 | |
| Structured Type: | CD | |
| Derivation Path: | | |
| Comments: | For Cell B of RR testing | |
| Element Name | Element Value | Comments |
| bcch_arfcn_h | '00'B | |
| ncc | '001'B | |
| bcc | '101'B | |
| bcch_arfcn_l | '00001010'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | CellDescrp_r02d | |
| Structured Type: | CD | |
| Derivation Path: | | |
| Comments: | For Cell B in DCS ARFCN = 520 | |
| Element Name | Element Value | Comments |
| bcch_arfcn_h | '10'B | |
| ncc | '001'B | |
| bcc | '101'B | |
| bcch_arfcn_l | '00001000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | CellOpt_01 | |
| Structured Type: | CO | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| sprb | '0'B | |
| pwrc | '0'B | |
| dtx | '10'B | |
| rlt | '0001'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | CellOpt_02 | |
| Structured Type: | CO | |
| Derivation Path: | | |
| Comments: | parameters from 26.3.1 of GSM 11.10 | |
| Element Name | Element Value | Comments |
| sprb | '0'B | |
| pwrc | '0'B | |
| dtx | '10'B | |
| rlt | '0101'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------|----------|
| Constraint Name: | CellOpt_03 | |
| Structured Type: | CO | |
| Derivation Path: | | |
| Comments: | used in measurement testing | |
| Element Name | Element Value | Comments |
| sprb | '0'B | |
| pwrc | '1'B | |
| dtx | '01'B | |
| rlt | '0001'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------|----------|
| Constraint Name: | CellOpt_04 | |
| Structured Type: | CO | |
| Derivation Path: | CellOpt_01. | |
| Comments: | spare bit is set to '1'B | |
| Element Name | Element Value | Comments |
| sprb | '1'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CellSelPara(crh, mtmc:INTEGER; neci:B_1) | |
| Structured Type: | CSP | |
| Derivation Path: | | |
| Comments: | Default value for GSM900. | |
| Element Name | Element Value | Comments |
| crh | INT_TO_BIT(crh, 3) | |
| mtmc | INT_TO_BIT(mtmc, 5) | |
| acs | '0'B | |
| neci | neci | |
| ram | '000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | CellSelPara_01 | |
| Structured Type: | CSP | |
| Derivation Path: | | |
| Comments: | Default value for GSM900. | |
| Element Name | Element Value | Comments |
| crh | '000'B | |
| mtmc | '10011'B | |
| acs | '0'B | |
| neci | '0'B | |
| ram | '000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | CellSelPara_03 | |
| Structured Type: | CSP | |
| Derivation Path: | | |
| Comments: | value defined in 26.3.1 of GSM 11.10 | |
| Element Name | Element Value | Comments |
| crh | '010'B | |
| mtmc | INT_TO_BIT(TSPX_MSTxpwrMax,5) | |
| acs | '0'B | |
| neci | '0'B | |
| ram | '011110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------------|----------|
| Constraint Name: | CellSelPara_04 | |
| Structured Type: | CSP | |
| Derivation Path: | CellSelPara_01. | |
| Comments: | Default value for DCS1800. | |
| Element Name | Element Value | Comments |
| mtmc | '01111'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Cgpn_01 | |
| Structured Type: | CGPN | |
| Derivation Path: | | |
| Comments: | calling party BCD number with arbitrary spare bits | |
| Element Name | Element Value | Comments |
| iei | '01011100'B | |
| iel | '03'O | |
| tonnpi | TonNpi_01 | |
| pisi | PiSi_01 | |
| digits | '01'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | Cgps_01 | |
| Structured Type: | CGPS | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '01011101'B | |
| iel | '03'O | |
| subad | SubAdd_01 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------|----------|
| Constraint Name: | Chd_01 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | used as invalid IE | |
| Element Name | Element Value | Comments |
| iei | '00000010'B | |
| cht_schn | '11100'B | |
| tn | '000'B | |
| tsc | '100'B | |
| hch | '1'B | |
| maio | '0000'B | |
| hsn | OMIT | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_01(slot:SN; tsc:TSC; par_arfcn: INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH4 subchannel defined by TSPX_SDCCH4SubDef in cell A. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((4+ BIT_TO_INT(TSPX_SDCCH4SubDef)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(par_arfcn, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_01Def(slot:SN; tsc:TSC; par_arfcn:INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH4 subchannel defined by TSPX_SDCCH4SubDef in cell A. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((4+ BIT_TO_INT(TSPX_SDCCH4SubDef)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(par_arfcn,10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_03(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | An invalid channel description with arbitrary spare bits | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((4+ BIT_TO_INT(TSPX_SDCCH4SubDef)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '11'B | |
| arfcn | INT_TO_BIT(TSPX_BCCHcarrierA,10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_04(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH4 in cell B. The TDMA offset is TSPX_SDCCH4SubDef. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((4+ BIT_TO_INT(TSPX_SDCCH4SubDef)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(TSPX_BCCHcarrierB,10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_10(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a traffic channel in cell A. Time slot = TSPX_TmSlcC. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(C_arfcnA,10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_11(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel used in TC_26_5_6_3 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | '000000'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_12(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a full rate hopping channel used in TC_26_6_4_2_2 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | '000000'B | |
| hsn | '000100'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_13(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a half rate hopping channel used in TC_26_6_4_2_2, not activated at all. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00010'B | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | '000001'B | |
| hsn | '000110'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_14(type:BITSTRING; slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for CC testing. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | type | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(TSPX_TCHcarrierA, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_14Def(type:BITSTRING; slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for CC testing. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | type | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(20, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_14TCH(type:BITSTRING; slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for CC testing. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | type | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(30, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_19(ts_ccch: SN; tsc:TSC; maio, hsn:BITSTRING) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | A derived constraint for <<Channel description >>ie with TCH/F freq. hopping in any CELL. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((2+ BIT_TO_INT(TSPX_TCHHSubDef)), 5) | |
| tn | ts_ccch | |
| tsc | tsc | |
| hch | '1'B | |
| maio | maio | |
| hsn | hsn | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_20(ts_ccch: SN; tsc:TSC; maio, hsn:BITSTRING) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | A derived constraint for <<Channel description >>ie with TCH/F freq. hopping in any CELL. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | ts_ccch | |
| tsc | tsc | |
| hch | '1'B | |
| maio | maio | |
| hsn | hsn | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_21(ts_ccch:BITSTRING; par_arfcn: INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | A derived constraint for <<Channel description >>ie with TCH/F non hopping in any CELL. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | ts_ccch | |
| tsc | TSPX_TscDef | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(par_arfcn, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_22(ts_ccch:BITSTRING) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | A derived constraint for <<Channel description >>ie with TCH/F freq. hopping in any CELL. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | ts_ccch | |
| tsc | TSPX_TscDef | |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_22e(ts_ccch: BITSTRING; par_chtype: BITSTRING) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | A derived constraint for <<Channel description >>ie with TCH/F freq. hopping in any CELL. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | par_chtype | |
| tn | ts_ccch | |
| tsc | TSPX_TscDef | |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_222(ts_ccch: BITSTRING) | |
| Structured Type: | CHD | |
| Derivation Path: | ChDescrp_22. | |
| Comments: | A derived constraint for <<Channel description >>ie with TCH/F freq. hopping | |
| Element Name | Element Value | Comments |
| tn | ts_ccch | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_23(ts_ccch: BITSTRING; par_arfcn: INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | A constraint for <<Channel description >>ie with TCH/H non hopping in any CELL. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((2 + BIT_TO_INT(TSPX_TCHHSubDef)), 5) | |
| tn | ts_ccch | |
| tsc | TSPX_TscDef | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(par_arfcn, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_23f(ts_ccch: BITSTRING; par_arfcn: INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | A derived constraint for <<Channel description >>ie with TCH/H hopping in any CELL. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((2 + BIT_TO_INT(TSPX_TCHHSubDef)), 5) | |
| tn | ts_ccch | |
| tsc | TSPX_TscDef | |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | INT_TO_BIT(par_arfcn, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_241(ts_ccch: BITSTRING) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | A derived constraint for <<Channel description >>ie with TCH/H freq. hopping used in any CELL. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((2+ BIT_TO_INT(TSPX_TCHHSubDef)), 5) | |
| tn | ts_ccch | |
| tsc | TSPX_TscDef | |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_242(ts_ccch: BITSTRING) | |
| Structured Type: | CHD | |
| Derivation Path: | ChDescrp_22. | |
| Comments: | A derived constraint for <<Channel description >>ie with TCH/H freq. hopping used in any CELL. | |
| Element Name | Element Value | Comments |
| cht_schn | INT_TO_BIT((2 + BIT_TO_INT(TSPX_TCHHSubDef)), 5) | |
| tn | ts_ccch | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_25(slot:SN; tsc:TSC; par_arfcn: INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | A constraint for <<Channel description >>ie with SDCCH/4 non hopping in any cell. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((4+ BIT_TO_INT(TSPX_SDCCH4SubDef)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(par_arfcn, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_27(ts_ccch: BITSTRING; par_arfcn: INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | ChDescrp_21. | |
| Comments: | A derived constraint for <<Channel description >>ie with SDCCH/8 non hopping in any cell. | |
| Element Name | Element Value | Comments |
| cht_schn | INT_TO_BIT((8+ BIT_TO_INT(TSPX_SDCCH8SubDef)), 5) | |
| tn | ts_ccch | |
| arfcn | INT_TO_BIT(par_arfcn, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_28(ts_ccch: BITSTRING) | |
| Structured Type: | CHD | |
| Derivation Path: | ChDescrp_22. | |
| Comments: | A derived constraint for <<Channel description >>ie with SDCCH/8 with FH in any cell. | |
| Element Name | Element Value | Comments |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubDef)), 5) | |
| tn | ts_ccch | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_282(ts_ccch: BITSTRING) | |
| Structured Type: | CHD | |
| Derivation Path: | ChDescrp_22. | |
| Comments: | A derived constraint for <<Channel description >>ie with SDCCH/8 with FH in any cell with HSN=0 | |
| Element Name | Element Value | Comments |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubDef)), 5) | |
| tn | ts_ccch | |
| hsn | '000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_29 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | To send a SYSTEM INFORMATION TYPE 4 message for SMSCB with the values of GSM 11.10, 34.3 for GSM | |
| Element Name | Element Value | Comments |
| iei | '01100100'B | |
| cht_schn | '00110'B | |
| tn | '000'B | |
| tsc | C_BCC | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(20,10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_30 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | To send a SYSTEM INFORMATION TYPE 4 message for SMSCB with the values or GSM 11.10, 34.3 for DCS1800 | |
| Element Name | Element Value | Comments |
| iei | '01100100'B | |
| cht_schn | '00110'B | |
| tn | '000'B | |
| tsc | C_BCC | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(590,10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_E_01(ts_ccch: BITSTRING; tsc:TSC; par_arfcn: INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | A constraint for <<Channel description >>ie with SDCCH/8 non hopping in any cell. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8+ BIT_TO_INT(TSPX_SDCCH8SubA)), 5) | |
| tn | ts_ccch | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(par_arfcn, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_E_02(ts_ccch: BITSTRING; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | A constraint for <<Channel description >>ie with SDCCH/8 with FH in any cell. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubB)), 5) | |
| tn | ts_ccch | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--|---|----------|
| Constraint Name: | ChDescrp_r01C_def(sub:BITSTRING; slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH8 in cell A for RR test. the subchannel is specified bt input parameter `sub`. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(sub)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(C_arfcnA, 10) | |
| Detailed Comments: Used in TC_26_1_1, | | |

| Structured Type Constraint | | |
|--|---|----------|
| Constraint Name: | ChDescrp_r01dC_def(sub:BITSTRING; slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH8 in cell A for RR test. the subchannel is specified bt input parameter `sub`. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(sub)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(590, 10) | |
| Detailed Comments: Used in TC_26_1_1, | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r01NotC_def(sub:BITSTRING; slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH8 in cell A for RR test. the subchannel is specified bt input parameter `sub`. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(sub)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(30, 10) | |
| Detailed Comments: | Used in TC_26_1_1, | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r01dNotC_def(sub:BITSTRING; slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH8 in cell A for RR test. the subchannel is specified bt input parameter `sub`. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(sub)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(650, 10) | |
| Detailed Comments: | Used in TC_26_1_1, | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r01def(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH8 in cell A for RR test. the subchannel is the PIXIT parameter TSPX_SDCCH8SubA. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubA)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(30, 10) | |
| Detailed Comments: | Used in TC_26_1_1, | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r02Def(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/F in cell A. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(C_arfcnA, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r02(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/F in cell A. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(30, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r02d(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/F in cell A. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(650, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r03(subch:BITSTRING; slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/H in cell A. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((2 + BIT_TO_INT(subch)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(30, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r03d(subch:BITSTRING; slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/H in cell A. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((2 + BIT_TO_INT(subch)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(650, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r04(ch:BITSTRING; slot:SN; tsc:TSC; arfcn:INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH4 in cell for RR tests. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((4 + BIT_TO_INT(ch)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(arfcn, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r04d(ch:BITSTRING; slot:SN; tsc:TSC; arfcn:INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a SDCCH4 subchannel in cell A with ARFCN 590 for RR tests, the subchannel is specified by input parameter `ch`. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((4 + BIT_TO_INT(ch)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(arfcn, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r05(type:BITSTRING; slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/F in cell A. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | type | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(30, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r05d(type:BITSTRING; slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/F in cell A. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | type | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(650, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r10(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/F in cell B. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(TSPX_TCHcarrierB, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r28(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH8 in cell A for TC_26_6_13_1. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubA)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio1 | |
| hsn | TSPX_Hsn1 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r29(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for ASSIGNMENT after time of TC_26_6_13_1. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp1 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio2 | |
| hsn | TSPX_Hsn2 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r30(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for ASSIGNMENT before time of TC_26_6_13_1. | |
| Element Name | Element Value | Comments |
| iei | '01100100'B | |
| cht_schn | TSPX_Chtp1 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio3 | |
| hsn | TSPX_Hsn3 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r31(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH8 in cell A for TC_26_6_13_2. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubB)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio4 | |
| hsn | TSPX_Hsn4 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r32(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for ASSIGNMENT after time of TC_26_6_13_2. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp2 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio5 | |
| hsn | TSPX_Hsn5 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r33(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for IMMEDIATE ASSIGNMENT of TC_26_6_13_3. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp3 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio6 | |
| hsn | TSPX_Hsn6 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r34(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for FREQUENCY REDEFINITION of TC_26_6_13_3. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp3 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio7 | |
| hsn | TSPX_Hsn7 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r35(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for ASSIGNMENT COMMAND in TC_26_6_13_3 for after time. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp4 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio8 | |
| hsn | TSPX_Hsn8 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | this channel is not activated in the tester. | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r36(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for ASSIGNMENT COMMAND in TC_26_6_13_3 for before time. | |
| Element Name | Element Value | Comments |
| iei | '01100100'B | |
| cht_schn | TSPX_Chtp4 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio9 | |
| hsn | TSPX_Hsn9 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | this channel is not activated in the tester. | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r37(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for IMMEDIATE ASSIGNMENT of TC_26_6_13_4. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp5 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio10 | |
| hsn | TSPX_Hsn10 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r38(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for FREQUENCY REDIFINITION of TC_26_6_13_4. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp5 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio11 | |
| hsn | TSPX_Hsn11 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r39(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for ASSIGNMENT COMMAND in TC_26_6_13_4 for after time. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp6 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio12 | |
| hsn | TSPX_Hsn12 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | this channel is not activated in the tester. | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r40(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for ASSIGNMENT COMMAND in TC_26_6_13_4 for before time. | |
| Element Name | Element Value | Comments |
| iei | '01100100'B | |
| cht_schn | TSPX_Chtp6 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio13 | |
| hsn | TSPX_Hsn13 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | this channel is not activated in the tester. | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r41(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping SDCCH8 channel in cell A for IMMEDIATE ASSIGNMENT in TC_26_6_13_5. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((BIT_TO_INT(TSPX_SDCC H8SubB) + 8), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio14 | |
| hsn | TSPX_Hsn14 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | ChDescrp_r42(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for after time hopping channel in cell B for HANDOVER COMMAND of TC_26_6_13_5. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp7 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio15 | |
| hsn | TSPX_Hsn15 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|---|----------|
| Constraint Name: | ChDescrp_r43(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for before time hopping channel in cell B for HANDOVER COMMAND of TC_26_6_13_5. | |
| Element Name | Element Value | Comments |
| iei | '01100100'B | |
| cht_schn | TSPX_Chtp7 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio16 | |
| hsn | TSPX_Hsn16 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|-----------------------------------|--|----------|
| Constraint Name: | ChDescrp_r44(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping SDCCH8 channel in cell A for IMMEDIATE ASSIGNMENT in TC_26_6_13_6. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((BIT_TO_INT(TSPX_SDCC H8SubC) + 8), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio17 | |
| hsn | TSPX_Hsn17 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r45(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for after time hopping channel in cell B for HANDOVER COMMAND of TC_26_6_13_6. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp8 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio18 | |
| hsn | TSPX_Hsn18 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r46(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for before time hopping channel in cell B for HANDOVER COMMAND of TC_26_6_13_6. | |
| Element Name | Element Value | Comments |
| iei | '01100100'B | |
| cht_schn | TSPX_Chtp8 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio19 | |
| hsn | TSPX_Hsn19 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r47(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for IMMEDIATE ASSIGNMENT of TC_26_6_13_7. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp9 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio20 | |
| hsn | TSPX_Hsn20 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r48(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for FREQUENCY REDIFINITION of TC_26_6_13_7. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp9 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio21 | |
| hsn | TSPX_Hsn21 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r49(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for after time hopping channel in cell B for HANDOVER COMMAND of TC_26_6_13_7. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp10 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio22 | |
| hsn | TSPX_Hsn22 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r50(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for before time hopping channel in cell B for HANDOVER COMMAND of TC_26_6_13_7. | |
| Element Name | Element Value | Comments |
| iei | '01100100'B | |
| cht_schn | TSPX_Chtp10 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio23 | |
| hsn | TSPX_Hsn23 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r51(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for after time hopping channel in cell B for HANDOVER COMMAND of TC_26_6_13_8. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp12 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio26 | |
| hsn | TSPX_Hsn26 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r52(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for before time hopping channel in cell B for HANDOVER COMMAND of TC_26_6_13_8. | |
| Element Name | Element Value | Comments |
| iei | '01100100'B | |
| cht_schn | TSPX_Chtp12 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio27 | |
| hsn | TSPX_Hsn27 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r53(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for IMMEDIATE ASSIGNMENT of TC_26_6_13_8. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp11 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio24 | |
| hsn | TSPX_Hsn24 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r54(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for FREQUENCY REDIFINITION of TC_26_6_13_8. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp11 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio25 | |
| hsn | TSPX_Hsn25 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r55(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for IMMEDIATE ASSIGNMENT of TC_26_6_13_9. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp13 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio28 | |
| hsn | TSPX_Hsn28 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r56(slot:SN; tsc:TSC) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a hopping channel in cell A for IMMEDIATE ASSIGNMENT of TC_26_6_13_10. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | TSPX_Chtp14 | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | TSPX_Maio30 | |
| hsn | TSPX_Hsn30 | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r57 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a SDCCH8 hopping channel used in TC_26_6_6_1. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubA)), 5) | |
| tn | TSPX_TmSItA | |
| tsc | TSPX_TscA | |
| hch | '1'B | |
| maio | '001001'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r58 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a SDCCH8 hopping channel used in TC_26_6_6_1. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubB)), 5) | |
| tn | TSPX_TmSItB | |
| tsc | TSPX_TscB | |
| hch | '1'B | |
| maio | '000100'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_r59 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a SDCCH8 hopping channel used in TC_26_6_6_1. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubC)), 5) | |
| tn | TSPX_TmSItC | |
| tsc | TSPX_TscC | |
| hch | '1'B | |
| maio | '000010'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r60 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a full rate hopping channel used in TC_26_6_6_1. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | TSPX_TmSlitD | |
| tsc | TSPX_TscD | |
| hch | '1'B | |
| maio | '000110'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r61 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a full rate hopping channel used in TC_26_6_6_1. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | TSPX_TmSlitE | |
| tsc | TSPX_TscE | |
| hch | '1'B | |
| maio | '000101'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r62 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a full rate hopping channel used in TC_26_6_6_1. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | TSPX_TmSlitF | |
| tsc | TSPX_TscF | |
| hch | '1'B | |
| maio | '001000'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r63 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a half rate hopping channel used in TC_26_6_6_1. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((2 + BIT_TO_INT(TSPX_TCHHSubA)), 5) | |
| tn | TSPX_TmSltG | |
| tsc | TSPX_TscG | |
| hch | '1'B | |
| maio | '000011'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r64 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a half rate hopping channel used in TC_26_6_6_1. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((2 + BIT_TO_INT(TSPX_TCHHSubA)), 5) | |
| tn | TSPX_TmSltA | |
| tsc | TSPX_TscA | |
| hch | '1'B | |
| maio | '000111'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_r65 | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for a half rate hopping channel used in TC_26_6_6_1. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((2 + BIT_TO_INT(TSPX_TCHHSubDef)), 5) | |
| tn | TSPX_TmSltDef | |
| tsc | TSPX_TscDef | |
| hch | '1'B | |
| maio | '000001'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_sdch8(slot:SN; tsc:TSC; subch:BITSTRING; arfcn:INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for SDCCH8 in cell A for RR test. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((8 + BIT_TO_INT(subch)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(arfcn, 10) | |
| Detailed Comments: | Used in TC_26_6_4_1 only | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_fh(slot:SN; tsc:TSC; maio,hsn:INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/F in cell A for RR test. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | INT_TO_BIT(maio, 6) | |
| hsn | INT_TO_BIT(hsn, 6) | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | Used in TC_26_6_4_1 only | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ChDescrp_nfh(slot:SN; tsc:TSC; arfcn:INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/F in cell A for RR test. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | '00001'B | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | OMIT | |
| arfcn | INT_TO_BIT(arfcn, 10) | |
| Detailed Comments: | Used in TC_26_6_4_1 only | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_tchh_fh(subch:BITSTRING; slot:SN; tsc:TSC; maio,hsn:INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/H in cell A for RR test. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((2 + BIT_TO_INT(subch)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '1'B | |
| maio | INT_TO_BIT(maio, 6) | |
| hsn | INT_TO_BIT(hsn, 6) | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | Used in TC_26_6_4_1 only | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChDescrp_tchh_nfh(subch:BITSTRING; slot:SN; tsc:TSC; arfcn:INTEGER) | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | Channel description for TCH/F in cell A for RR test. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| cht_schn | INT_TO_BIT((2 + BIT_TO_INT(subch)), 5) | |
| tn | slot | |
| tsc | tsc | |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | OMIT | |
| arfcn | INT_TO_BIT(arfcn, 10) | |
| Detailed Comments: | Used in TC_26_6_4_1 only | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------|----------|
| Constraint Name: | ChMod_r01 | |
| Structured Type: | CHMOD | |
| Derivation Path: | | |
| Comments: | for TC_26_6_13_1 after time | |
| Element Name | Element Value | Comments |
| iei | '01100011'B | |
| mode | TSPX_ChMod1 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------|----------|
| Constraint Name: | ChMod_r02 | |
| Structured Type: | CHMOD | |
| Derivation Path: | | |
| Comments: | for TC_26_6_13_2 after time | |
| Element Name | Element Value | Comments |
| iei | '01100011'B | |
| mode | TSPX_ChMod2 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------|----------|
| Constraint Name: | ChMod_r03 | |
| Structured Type: | CHMOD | |
| Derivation Path: | ChMod_r01. | |
| Comments: | for TC_26_6_13_5 | |
| Element Name | Element Value | Comments |
| mode | TSPX_ChMod4 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------|----------|
| Constraint Name: | ChMod_r04 | |
| Structured Type: | CHMOD | |
| Derivation Path: | ChMod_r01. | |
| Comments: | for TC_26_6_13_6 | |
| Element Name | Element Value | Comments |
| mode | TSPX_ChMod5 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------|----------|
| Constraint Name: | ChMod_r05 | |
| Structured Type: | CHMOD | |
| Derivation Path: | ChMod_r01. | |
| Comments: | for TC_26_6_13_7 | |
| Element Name | Element Value | Comments |
| mode | TSPX_ChMod6 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------|----------|
| Constraint Name: | ChMod_r06 | |
| Structured Type: | CHMOD | |
| Derivation Path: | ChMod_r01. | |
| Comments: | for TC_26_6_13_8 | |
| Element Name | Element Value | Comments |
| mode | TSPX_ChMod7 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | ChMod_sign | |
| Structured Type: | CHMOD | |
| Derivation Path: | | |
| Comments: | signalling only | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| mode | C_ChMod_s | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | ChMod_sign_iei | |
| Structured Type: | CHMOD | |
| Derivation Path: | | |
| Comments: | signalling only | |
| Element Name | Element Value | Comments |
| iei | '01100011'B | |
| mode | C_ChMod_s | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | ChMod_speech | |
| Structured Type: | CHMOD | |
| Derivation Path: | ChMod_sign. | |
| Comments: | speech full or half rate. | |
| Element Name | Element Value | Comments |
| mode | C_ChMod_r | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | ChMod_speech_iei | |
| Structured Type: | CHMOD | |
| Derivation Path: | | |
| Comments: | speech full or half rate. | |
| Element Name | Element Value | Comments |
| iei | '01100011'B | |
| mode | C_ChMod_r | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChMod_12k | |
| Structured Type: | CHMOD | |
| Derivation Path: | ChMod_sign. | |
| Comments: | data 9.6 kb/s full rate, (12.0 kb/s air interface) | |
| Element Name | Element Value | Comments |
| mode | C_ChMod_12k | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChMod_6k | |
| Structured Type: | CHMOD | |
| Derivation Path: | ChMod_sign. | |
| Comments: | data 4.8 kb/s full rate, (6.0 kb/s air interface) | |
| Element Name | Element Value | Comments |
| mode | C_ChMod_6k | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ChMod_3k | |
| Structured Type: | CHMOD | |
| Derivation Path: | ChMod_sign. | |
| Comments: | data 2.4 kb/s full rate, (3.6 kb/s air interface) | |
| Element Name | Element Value | Comments |
| mode | C_ChMod_3k | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | ChMod_rcv | |
| Structured Type: | CHMOD | |
| Derivation Path: | ChMod_sign. | |
| Comments: | used only in the OM_ChConf operation, | |
| Element Name | Element Value | Comments |
| mode | '11111111'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------|----------|
| Constraint Name: | ChMod_mand(chmd:B_8) | |
| Structured Type: | CHMOD | |
| Derivation Path: | | |
| Comments: | parameterized mode. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| mode | chmd | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------|----------|
| Constraint Name: | ChMod_omit | |
| Structured Type: | CHMOD | |
| Derivation Path: | | |
| Comments: | parameterized mode. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| mode | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | Chneed_01 | |
| Structured Type: | CHNEED | |
| Derivation Path: | | |
| Comments: | any channel | |
| Element Name | Element Value | Comments |
| ch2 | '00'B | |
| ch1 | '00'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------|----------|
| Constraint Name: | Chneed_02 | |
| Structured Type: | CHNEED | |
| Derivation Path: | | |
| Comments: | SDCCH channel needed. | |
| Element Name | Element Value | Comments |
| ch2 | '00'B | |
| ch1 | '01'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------|----------|
| Constraint Name: | Chneed_03 | |
| Structured Type: | CHNEED | |
| Derivation Path: | | |
| Comments: | TCH/F channel needed. | |
| Element Name | Element Value | Comments |
| ch2 | '00'B | |
| ch1 | '10'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | Chneed_04 | |
| Structured Type: | CHNEED | |
| Derivation Path: | | |
| Comments: | Dual rate channel needed. | |
| Element Name | Element Value | Comments |
| ch2 | '00'B | |
| ch1 | '11'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | CiphRes_01 | |
| Structured Type: | CPH_RES | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '000'B | |
| cr | '0'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | CiphRes_02 | |
| Structured Type: | CPH_RES | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '000'B | |
| cr | '1'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CntrlChDscrp_inv | |
| Structured Type: | CCD | |
| Derivation Path: | | |
| Comments: | One CCCH combined with SDCCH and attach/detach not allowed. Some spare bits are set to '1'B | |
| Element Name | Element Value | Comments |
| spr1 | '1'B | |
| att | '0'B | |
| babr | '000'B | |
| ccch_con | '001'B | |
| spr2 | '01100'B | |
| bpm | '011'B | |
| t3212 | '00'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CntrlChDscrp(att: INTEGER; babr, cch_con, bpm:B_3; timer:OCTETSTRING) | |
| Structured Type: | CCD | |
| Derivation Path: | | |
| Comments: | Generic Control channel descriptor. | |
| Element Name | Element Value | Comments |
| spr1 | '0'B | |
| att | INT_TO_BIT(att,1) | |
| babr | babr | |
| ccch_con | cch_con | |
| spr2 | '00000'B | |
| bpm | bpm | |
| t3212 | timer | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | CphKeySN_01 | |
| Structured Type: | CPHKSN | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| sprb | '0'B | |
| ks | TSPX_CKSNDf | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CphKeySN_02 | |
| Structured Type: | CPHKSN | |
| Derivation Path: | | |
| Comments: | An invalid ciphering key sequence number containing spare bit set to '1'B. | |
| Element Name | Element Value | Comments |
| sprb | '1'B | |
| ks | '000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | CphKeySN_03 | |
| Structured Type: | CPHKS | |
| Derivation Path: | CphKeySN_01. | |
| Comments: | | |
| Element Name | Element Value | Comments |
| ks | TSPX_CKSNB | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CphKeySN_04 | |
| Structured Type: | CPHKS | |
| Derivation Path: | CphKeySN_01. | |
| Comments: | CKSN is different from default value and the value in the CphKeySN_03 | |
| Element Name | Element Value | Comments |
| ks | TSPX_CKSN | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CphKeySN_05 | |
| Structured Type: | CPHKS | |
| Derivation Path: | | |
| Comments: | ciphering key sequence number from TSPX_CKSN. | |
| Element Name | Element Value | Comments |
| sprb | '0'B | |
| ks | TSPX_CKSN | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | CphKeySN_06 | |
| Structured Type: | CPHKS | |
| Derivation Path: | | |
| Comments: | ciphering key sequence number no key. | |
| Element Name | Element Value | Comments |
| sprb | '0'B | |
| ks | '111'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------|----------|
| Constraint Name: | CphKeySN_07(par: BITSTRING) | |
| Structured Type: | CPHKS | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| sprb | '0'B | |
| ks | par | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------|----------|
| Constraint Name: | CphMod_01 | |
| Structured Type: | CPHMS | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| algid | TSPX_CphAlgDef | |
| sc | '1'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | CphMod_02 | |
| Structured Type: | CPHMS | |
| Derivation Path: | CphMod_01. | |
| Comments: | No ciphering | |
| Element Name | Element Value | Comments |
| sc | '0'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------|----------|
| Constraint Name: | CphMod_02iei | |
| Structured Type: | CPHMS | |
| Derivation Path: | | |
| Comments: | No ciphering | |
| Element Name | Element Value | Comments |
| iei | '1001'B | |
| algid | TSPX_CphAlgDef | |
| sc | '0'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | CphMod_03 | |
| Structured Type: | CPHMS | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| algid | '000'B | |
| sc | '1'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CphMod_04(alg:BITSTRING) | |
| Structured Type: | CPHMS | |
| Derivation Path: | | |
| Comments: | starting ciphering with the ciphering algorithm `alg`. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| algid | alg | |
| sc | '1'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CphMod_04iei(alg:BITSTRING) | |
| Structured Type: | CPHMS | |
| Derivation Path: | | |
| Comments: | starting ciphering with the ciphering algorithm `alg`. | |
| Element Name | Element Value | Comments |
| iei | '1001'B | |
| algid | alg | |
| sc | '1'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | facilityIErcv(comp:Component) | |
| Structured Type: | FIE | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| components_1 | SUPERSET({ comp}) | |
| components_t | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | facilityIErcviei(comp:Component) | |
| Structured Type: | FIE | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '00011100'B | |
| iel | ? | |
| components_1 | SUPERSET({ comp}) | |
| components_t | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | facilityIEsnd(comp:Components) | |
| Structured Type: | FIE | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_LengthOfComp1(comp) | |
| components_1 | comp | |
| components_t | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | facilitylEsndiei(comp:Components) | |
| Structured Type: | FIE | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '00011100'B | |
| iel | OC_LengthOfComp1(comp) | |
| components_1 | comp | |
| components_t | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | facilitylEtsnd(comp:Component_T) | |
| Structured Type: | FIE | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_LengthOfComp(comp) | |
| components_1 | OMIT | |
| components_t | comp | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | facilitylEtsndiei(comp:Component_T) | |
| Structured Type: | FIE | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '00011100'B | |
| iel | OC_LengthOfComp(comp) | |
| components_1 | OMIT | |
| components_t | comp | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | Fn_01 | |
| Structured Type: | FN | |
| Derivation Path: | | |
| Comments: | not pertaining to the MS under test | |
| Element Name | Element Value | Comments |
| t1_ | '00000'B | |
| t3 | '000000'B | |
| t2 | '00000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqBCCH1(arfcn:INTEGER) | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A (cell 1) for test case 26.3.2 and 26.3.3 for GSM900. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(arfcn, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freqchseq_01 | |
| Structured Type: | FRQCHS | |
| Derivation Path: | | |
| Comments: | Frequency channel sequence with the f_list={40,66,73,74,75,76,108,114} Cross reference: Frql_20_B4 | |
| Element Name | Element Value | Comments |
| iei | '01101001'B | |
| larfcn | '28'O | |
| incs | '0B71110026000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freqchseq_02 | |
| Structured Type: | FRQCHS | |
| Derivation Path: | | |
| Comments: | Frequency channel sequence with the List_ARFCN={14,18,22,24,30,31,38,40,60,66,73,74,75,108} cross reference: Frql_20_B72 | |
| Element Name | Element Value | Comments |
| iei | '01101001'B | |
| larfcn | '0E'O | |
| incs | '4426172056711003'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freqchseq_03 | |
| Structured Type: | FRQCHS | |
| Derivation Path: | | |
| Comments: | Frequency channel sequence with the List_ARFCN={14,114} | |
| Element Name | Element Value | Comments |
| iei | '01101001'B | |
| larfcn | '0E'O | |
| incs | '000000A000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freqchseq_04 | |
| Structured Type: | FRQCHS | |
| Derivation Path: | | |
| Comments: | Frequency channel sequence with the List_ARFCN={40,114} | |
| Element Name | Element Value | Comments |
| iei | '01101001'B | |
| larfcn | '28'O | |
| incs | '0000E00000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freqchseq_05 | |
| Structured Type: | FRQCHS | |
| Derivation Path: | | |
| Comments: | Frequency channel sequence with the List_ARFCN={66, 75, 76, 108} | |
| Element Name | Element Value | Comments |
| iei | '01101001'B | |
| larfcn | '42'O | |
| incs | '9100200000000000'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freqchseq_06 | |
| Structured Type: | FRQCHS | |
| Derivation Path: | | |
| Comments: | Frequency channel sequence with the List_ARFCN={14,18,22,24,30,31,38,60,66,73,74,75,76,108,114} see Frql_20_B5 | |
| Element Name | Element Value | Comments |
| iei | '01101001'B | |
| larfcn | '0E'O | |
| incs | '4426170767111002'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freqchseq_22 | |
| Structured Type: | FRQCHS | |
| Derivation Path: | | |
| Comments: | Frequency channel sequence with the List_ARFCN={10,17,20,26,59,66,73,74,75,108,114} cross reference: Frql_20_A | |
| Element Name | Element Value | Comments |
| iei | '01101001'B | |
| larfcn | '0A'O | |
| incs | '7360037711003600'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqBCCHa_rg | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A for RR testing of GSM900. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(C_arfcnA, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqBCCHa_rd | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A for RR testing of DCS1800. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(C_arfcnAd, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqBCCHa_rd1 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A for TC_26_6_4_1 of DCS1800. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(747, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqBCCHa_E | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A for EGSM TC_26_6_10_2_2. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(1015, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | FreqBCCHb_ho | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(C_BCCHcarrierB_ho, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | FreqBCCHb_hod | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(C_BCCHcarrierB_hod, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqBCCHb_rg | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Default broadcast channel of cell B for GSM900. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(C_arfcnB, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqBCCHb_rd | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Default broadcast channel of cell B for DCS1800. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(C_arfcnBd, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqBCCHc | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell C. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(C_arfcnC, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqBCCHc_d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell C. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(C_arfcnCd, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa_rg | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Default not combined Traffic channel of cell A for testing of GSM900. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(30, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa_rd | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Default not combined Traffic channel of cell A for testing of DCS1800. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(650, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | FreqTCHa | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(TSPX_TCHcarrierA, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa1 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, ARFCN = 124 hopping, for GSM900. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '000000'B | |
| hsn | '111111'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '00000001'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_04 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa2 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqTCHa1. | |
| Comments: | Traffic channel for cell A, ARFCN = 801 hopping, for DCS1800 | |
| Element Name | Element Value | Comments |
| flst | Frql_05 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa5 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, GSM900 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '000001'B | |
| hsn | '000001'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '00000011'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_10 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa6 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, GSM900 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | '0000010100'B | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa7 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, GSM900 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '000011'B | |
| hsn | '001000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '00000111'B | |
| mac_7n | '11100011'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_11 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa8 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, GSM900 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | '0000001010'B | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa9 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, GSM900 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '000101'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '00111111'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_08 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa10 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, GSM900 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | '0000100010'B | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa11 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, GSM900 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '000000'B | |
| hsn | '101000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '00000001'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_12 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa12 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, DCS1800 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '000001'B | |
| hsn | '000001'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '00000011'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_13 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa13 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, GSM900 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | '1011101011'B | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa14 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, GSM900 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '000011'B | |
| hsn | '001000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11000111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_14 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa15 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, DCS1800 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | '1011011110'B | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa16 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, GSM900 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '000101'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '00111111'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_09 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa17 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, DCS1800 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | '1011110111'B | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa18 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel for cell A, hopping, DCS1800 for TC_26_6_4_1 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '000000'B | |
| hsn | '101000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '00000001'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_15 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCH_ef1(par_ma: BITSTRING; par_freqlist: OCTETSTRING; par_flist: OCTETSTRING) | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A for EGSM. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | par_ma | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_egsm(par_freqlist, par_flist) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCH_ef2(par_ma1: BITSTRING; par_ma2: BITSTRING; par_freqlist: OCTETSTRING; par_flist: OCTETSTRING) | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A for EGSM. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | par_ma1 | |
| mac_7n | par_ma2 | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_egsm(par_freqlist, par_flist) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa_ho | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel of cell A on TSPX_TCHcarrierA_ho for GSM900. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(TSPX_TCHcarrierA_ho, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa_hod | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Traffic channel of cell A on TSPX_TCHcarrierA_hod for DCS1800. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(TSPX_TCHcarrierA_hod, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa_hof1 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell on A FrqI_20_A. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '00001111'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | FrqI_20_A | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa_hof1d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A for hopping DCS1800 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | FrqI_20_Ad | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa_hof2 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A on Frql_20_A2. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '000000'B | |
| hsn | '111111'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '00000001'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A2 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqTCHa_hof2d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '000000'B | |
| hsn | '111111'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A2d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa_hof3 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A. Indicates complete Cell Allocation of Cell A in HO cases. ARFCN_list={10,17,20,26,34,42,45,46,52,59,66,73,74,75,76,108,114}. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111111'B | |
| mac_6n | '11111111'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A0 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHa_hof3d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A. Indicates complete Cell Allocation of Cell A in HO cases. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111111'B | |
| mac_6n | '11111111'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A0d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa_hof5 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A. Indicates 1f of Cell A in HO cases. ARFCN_list={114}. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A0 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHa_hof5d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A. Indicates 1f of Cell A in HO cases. ARFCN_list={844}. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A0d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | FreqTCHb | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqTCHa. | |
| Comments: | Traffic channel for cell B | |
| Element Name | Element Value | Comments |
| arfcn | INT_TO_BIT(TSPX_TCHcarrierB, 10) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHb_ho | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B for GSM900 and DCS1800. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(TSPX_TCHcarrierB_ho, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | FreqTCHb_hod | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(TSPX_TCHcarrierB_ho, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqTCHb_hof1 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '00001111'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B3 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHb_hof1d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B for hopping DCS1800 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '00000111'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B3d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqTCHb_hof2 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '11111111'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B4 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHb_hof2d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B for hopping DCS1800 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '11111111'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B4d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqTCHb_hof3 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '01111111'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B5 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqTCHb_hof3d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B for hopping DCS1800 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '11111111'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B5d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqTCHb_hof4 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '00011100'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B6 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHb_hof4d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B for hopping DCS1800 In MA used: 791, 798, 829 | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '00000000'B | |
| mac_7n | '11100000'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B6d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqTCHb_hof5 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '11111111'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B0 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqTCHb_hof5d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B9d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqTCHb_hof6 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '10000000'B | |
| mac_7n | '00000001'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B0 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqTCHb_hof6d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '10000000'B | |
| mac_7n | '10000000'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B8d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | FreqTCHb_hof7 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '10000000'B | |
| mac_7n | '10000000'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B0 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHb_hof7d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. List_ARFCN= complete cell allocation of cell B in HO cases with except of 761. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '11111111'B | |
| mac_7n | '10111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B8d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHb_hof8 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. Hopping on List_ARFCN={66, 75, 76, 108} | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '10110010'B | |
| mac_7n | '00000000'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B0 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqTCHb_hof8d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell B. List_ARFCN={758,761,771} | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '00000111'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B12d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqSDCCHa_hof1 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping with indicates to the ARFCN_list={73,74,75} of cell allocation A. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '03'O | |
| mac_8n | '00000000'B | |
| mac_7n | '00111000'B | |
| mac_6n | '00000000'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A0 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqSDCCHa_hof1d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A. indicates to the ARFCN_list={773,775,779} of cell allocation A. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '03'O | |
| mac_8n | '00000000'B | |
| mac_7n | '00000111'B | |
| mac_6n | '00000000'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A0d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqSDCCHa_hof2 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping with indicates to the Complete Cell Allocation of cell A with except for BCCH-f | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111111'B | |
| mac_6n | '11111011'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A0 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqSDCCHa_hof2d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A. indicates to the Complete Cell Allocation of cell A with except for BCCH-f | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111111'B | |
| mac_6n | '11111011'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A0d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqSDCCHa_hof3 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping with indicates to the Complete Cell Allocation of cell A with except for BCCH-f | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111110'B | |
| mac_6n | '11111011'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A0 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqSDCCHa_hof3d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | Broadcast channel of cell A. indicates to the Complete Cell Allocation of cell A with except for BCCH-f | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111111'B | |
| mac_6n | '01111011'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A0d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------|----------|
| Constraint Name: | FreqSDCCH8b_hof1 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping SDCCH8 channel | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '00000011'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B7 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------|----------|
| Constraint Name: | FreqSDCCH8b_hof1d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping SDCCH8 channel | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '00000011'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B7d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------|----------|
| Constraint Name: | FreqSDCCH8b_hof2 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping SDCCH8 channel | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '01111111'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B72 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqSDCCH8b_hof2d | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping SDCCH8 channel indicates complete cell allocation of cell B in 512 format. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '11111111'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B0d | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqSDCCH8b_hof3 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping SDCCH8 channel including complete cell allocation of cell B. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '02'O | |
| mac_8n | '11111111'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_B0 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqSDCCH8_rg1 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping SDCCH8 channel of TC_26_6_13_1 for GSM . | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_Maio1 | |
| hsn | TSPX_Hsn1 | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | TSPX_Ma1 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_16 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqSDCCH8_rg2 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping SDCCH8 channel of TC_26_6_13_2 for GSM . | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_Maio4 | |
| hsn | TSPX_Hsn4 | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | TSPX_Ma4 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_16 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqSDCCH8_rd1 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping SDCCH8 channel of TC_26_6_13_1 for DCS . | |
| Element Name | Element Value | Comments |
| flst | Frql_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FreqSDCCH8_rd2 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg2. | |
| Comments: | hopping SDCCH8 channel of TC_26_6_13_2 for DCS . | |
| Element Name | Element Value | Comments |
| flst | Frql_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqSDCCH8_e | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping SDCCH8 channel of TC_26_6_10_3 for EGSM . | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(40, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqSDCCH8_e1 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | SDCCH8 channel of TC_26_6_10_2_2 for EGSM . | |
| Element Name | Element Value | Comments |
| hch | '0'B | |
| maio | OMIT | |
| hsn | OMIT | |
| spr | '00'B | |
| arfcn | INT_TO_BIT(1015, 10) | |
| maclength | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FreqSDCCH8_e2 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping with indicates to the ARFCN_list={0, 80, 1005, 1010} of cell allocation A. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_MAIO | |
| hsn | TSPX_HSN | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | '01110001'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_20_A0E | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg2 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping channel of TC_26_6_13_1 for GSM , before time. | |
| Element Name | Element Value | Comments |
| maio | TSPX_Maio3 | |
| hsn | TSPX_Hsn3 | |
| mac_8n | TSPX_Ma3 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rd2 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1.Freq_rg2. | |
| Comments: | hopping channel of TC_26_6_13_1 for DCS, before time. | |
| Element Name | Element Value | Comments |
| flst | Frql_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg3 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping channel of TC_26_6_13_1 for GSM, after time. | |
| Element Name | Element Value | Comments |
| maio | TSPX_Maio2 | |
| hsn | TSPX_Hsn2 | |
| mac_8n | TSPX_Ma2 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rd3 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1.Freq_rg3. | |
| Comments: | hopping channel of TC_26_6_13_1 for DCS, after time. | |
| Element Name | Element Value | Comments |
| flst | Frql_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg4 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping channel of TC_26_6_13_2 for GSM, after time. | |
| Element Name | Element Value | Comments |
| maio | TSPX_Maio5 | |
| hsn | TSPX_Hsn5 | |
| mac_8n | TSPX_Ma5 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rd4 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1.Freq_rg4. | |
| Comments: | hopping channel of TC_26_6_13_2 for DCS, after time. | |
| Element Name | Element Value | Comments |
| flst | Frql_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg5 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping channel of TC_26_6_13_3 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_Maio6 | |
| hsn | TSPX_Hsn6 | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | TSPX_Ma6 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_16 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rd5 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg5. | |
| Comments: | hopping channel of TC_26_6_13_3 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg7 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping channel of TC_26_6_13_4 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| maio | TSPX_Maio10 | |
| hsn | TSPX_Hsn10 | |
| mac_8n | TSPX_Ma10 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rd7 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1.Freq_rg7. | |
| Comments: | hopping channel of TC_26_6_13_4 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rg8 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping channel of TC_26_4_2_2 for GSM, assignment. | |
| Element Name | Element Value | Comments |
| maio | '000000'B | |
| hsn | '0001000'B | |
| mac_8n | '00001110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rd8 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1.Freq_rg8. | |
| Comments: | hopping channel of TC_26_6_4_2_2 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg9 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping channel of TC_26_6_13_5 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| maio | TSPX_Maio14 | |
| hsn | TSPX_Hsn14 | |
| mac_8n | TSPX_Ma14 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rd9 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1.Freq_rg9. | |
| Comments: | hopping channel of TC_26_6_13_5 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg10 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping channel of TC_26_6_13_5 for GSM, handover command after time in Cell B | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_Maio15 | |
| hsn | TSPX_Hsn15 | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | TSPX_Ma15 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_18 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rd10 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg10. | |
| Comments: | hopping channel of TC_26_6_13_5 for DCS, handover command after time in Cell B | |
| Element Name | Element Value | Comments |
| flst | Frql_19 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rg11 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg10. | |
| Comments: | hopping channel of TC_26_6_13_5 for GSM, handover command before time in Cell B | |
| Element Name | Element Value | Comments |
| maio | TSPX_Maio16 | |
| hsn | TSPX_Hsn16 | |
| mac_8n | TSPX_Ma16 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rd11 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg10.Freq_rg11. | |
| Comments: | hopping channel of TC_26_6_13_5 for DCS, handover command before time in Cell B | |
| Element Name | Element Value | Comments |
| flst | FrqL_19 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg12 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping channel of TC_26_6_13_6 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| maio | TSPX_Maio17 | |
| hsn | TSPX_Hsn17 | |
| mac_8n | TSPX_Ma17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rd12 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1.Freq_rg12. | |
| Comments: | hopping channel of TC_26_6_13_6 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | FrqL_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg13 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping channel of TC_26_6_13_6 for GSM, handover command after time in Cell B | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | TSPX_Maio18 | |
| hsn | TSPX_Hsn18 | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '01'O | |
| mac_8n | TSPX_Ma18 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| flst | Frql_18 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rd13 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg10. | |
| Comments: | hopping channel of TC_26_6_13_6 for DCS, handover command after time in Cell B | |
| Element Name | Element Value | Comments |
| flst | Frql_19 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg14 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping channel of TC_26_6_13_7 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| maio | TSPX_Maio20 | |
| hsn | TSPX_Hsn20 | |
| mac_8n | TSPX_Ma20 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rd14 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1.Freq_rg14. | |
| Comments: | hopping channel of TC_26_6_13_7 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg15 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping channel of TC_26_6_13_8 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| maio | TSPX_Maio24 | |
| hsn | TSPX_Hsn24 | |
| mac_8n | TSPX_Ma24 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rd15 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1.Freq_rg15. | |
| Comments: | hopping channel of TC_26_6_13_8 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | FrqL_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg16 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping channel of TC_26_6_13_9 for GSM, immediate assignment before time. | |
| Element Name | Element Value | Comments |
| maio | TSPX_Maio29 | |
| hsn | '000000'B | |
| mac_8n | TSPX_Ma29 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rd16 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1.Freq_rg16. | |
| Comments: | hopping channel of TC_26_6_13_8 for DCS, immediate assignment before time. | |
| Element Name | Element Value | Comments |
| flst | FrqL_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Freq_rg17 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1. | |
| Comments: | hopping channel of TC_26_6_13_10 for GSM, immediate assignment after time. | |
| Element Name | Element Value | Comments |
| maio | TSPX_Maio30 | |
| hsn | TSPX_Hsn30 | |
| mac_8n | TSPX_Ma30 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rd17 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | FreqSDCCH8_rg1.Freq_rg17. | |
| Comments: | hopping channel of TC_26_6_13_8 for DCS, immediate assignment after time. | |
| Element Name | Element Value | Comments |
| flst | Frql_17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rg18 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping channel of TC_26_6_6_1 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '001001'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '08'O | |
| mac_8n | '00000000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00111111'B | |
| mac_1n | '11111110'B | |
| flst | Frql_20 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rd18 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18. | |
| Comments: | hopping channel of TC_26_6_6_1 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_29 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rg19 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18. | |
| Comments: | hopping channel of TC_26_6_6_1 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| mac_8n | '10000000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '10000000'B | |
| mac_4n | '00100000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00000000'B | |
| mac_1n | '00000101'B | |
| flst | Frql_21 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rd19 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18.Freq_rg19. | |
| Comments: | hopping channel of TC_26_6_6_1 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_30 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rg20 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18. | |
| Comments: | hopping channel of TC_26_6_6_1 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| mac_8n | '01000000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000010'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00000000'B | |
| mac_1n | '01100101'B | |
| flst | Frql_22 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rd20 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18.Freq_rg20. | |
| Comments: | hopping channel of TC_26_6_6_1 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_31 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rg21 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18. | |
| Comments: | hopping channel of TC_26_6_6_1 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| mac_8n | '00000001'B | |
| mac_7n | '00000000'B | |
| mac_6n | '01000010'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000001'B | |
| mac_2n | '01110000'B | |
| mac_1n | '00000000'B | |
| flst | Frql_23 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---|---|----------|
| Constraint Name: | Freq_rd21 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18.Freq_rg21. | |
| Comments: | hopping channel of TC_26_6_6_1 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_32 | |
| Detailed Comments: ARFCN's: 717, ..., 724, 733, ..., 744, 757, ..., 760, 773, ..., 812 | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rg22 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18. | |
| Comments: | hopping channel of TC_26_6_6_1 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| mac_8n | '01001000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00001101'B | |
| mac_2n | '01000100'B | |
| mac_1n | '00000001'B | |
| flst | Frql_24 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--|---|----------|
| Constraint Name: | Freq_rd22 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18.Freq_rg22. | |
| Comments: | hopping channel of TC_26_6_6_1 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_33 | |
| Detailed Comments: 64 ARFCN's: 702, ..., 732, 749, 750, 754, ..., 756, 758, 762, ..., 764, 766, 770, ..., 772, 774, 778, ..., 780, 782, 786, ..., 788, 790, 794, ..., 796, 798, 802, ..., 804, 806, 810, ..., 812 | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rg23 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18. | |
| Comments: | hopping channel of TC_26_6_6_1 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| mac_8n | '11111111'B | |
| mac_7n | '10000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00011111'B | |
| mac_1n | '00000000'B | |
| flst | Frql_25 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---|---|----------|
| Constraint Name: | Freq_rd23 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18.Freq_rg23. | |
| Comments: | hopping channel of TC_26_6_6_1 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_34 | |
| Detailed Comments: | | |
| ARFCN's: 707, 709, ..., 713, 715, 717, ..., 721, 723, 725, ..., 729, 731, 733, ..., 737, 739, 741, ..., 745, 747, 749, ..., 753, 755, 757, ..., 761, 763, 765, ..., 769, 771, 779, 787, 795, 798, ..., 803, 806, ..., 811 | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rg24 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18. | |
| Comments: | hopping channel of TC_26_6_6_1 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| mac_8n | '11111000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00011111'B | |
| mac_1n | '00000000'B | |
| flst | Frql_26 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--|---|----------|
| Constraint Name: | Freq_rd24 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18.Freq_rg24. | |
| Comments: | hopping channel of TC_26_6_6_1 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_35 | |
| Detailed Comments: | | |
| ARFCN's: 705, ..., 736, 749, 751, 753, 755, 757, 759, 761, 763, 765, 767, 769, 771, 773, 775, 777, 779, 781, 783, 785, 787, 789, 791, 793, 795, 797, 799, 801, 803, 805, 807, 809, 811 | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rg25 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18. | |
| Comments: | hopping channel of TC_26_6_6_1 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| mac_8n | '00000000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00001111'B | |
| mac_2n | '11111110'B | |
| mac_1n | '00000000'B | |
| flst | Frql_27 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---|---|----------|
| Constraint Name: | Freq_rd25 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | Freq_rg18.Freq_rg25. | |
| Comments: | hopping channel of TC_26_6_6_1 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| flst | Frql_36 | |
| Detailed Comments: ARFCN's: 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 76, 738, 740, 742, 744, 746, 748, 750, 852, 754, 756, 758, 760, 762, 764, ..., 780, 789, ..., 796, 805, 812 | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rg26 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping channel of TC_26_6_6_1 for GSM, immediate assignment. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '001001'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '08'O | |
| mac_8n | '11111111'B | |
| mac_7n | '11110000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00000000'B | |
| mac_1n | '00000000'B | |
| flst | Frql_28 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Freq_rd26 | |
| Structured Type: | FRQPARA | |
| Derivation Path: | | |
| Comments: | hopping channel of TC_26_6_6_1 for DCS, immediate assignment. | |
| Element Name | Element Value | Comments |
| hch | '1'B | |
| maio | '001001'B | |
| hsn | '000000'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| maclength | '08'O | |
| mac_8n | '11111111'B | |
| mac_7n | '111110000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00000000'B | |
| mac_1n | '00000000'B | |
| flst | Frql_37 | |
| Detailed Comments: | ARFCN's: 717, ..., 748, 765, ..., 796 | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_01 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | coded as length = 1 and unrecognized IE contents. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '01'O | |
| fl | '00'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_02 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | coded as length = 1 and unrecognized IE contents. | |
| Element Name | Element Value | Comments |
| iei | '11011010'B | |
| iel | OMIT | |
| fl | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_04 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list for GSM900 hopping channel with only one frequency, ARFCN = 124 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0800000000000000000000000000000000000000'O | |
| Detailed Comments: | used in TC_26_5_7_1_4 | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FrqI_05 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list for DCS1800 hopping channel with only one frequency ARFCN 801. | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '03'O | |
| fl | '8F9080'O | |
| Detailed Comments: | used in TC_26_5_7_1_4 | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FrqI_08 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs 30, 50, 70. | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '00020800000001000008000200000200' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqI_09 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs 734, 741, 759, 766, 773, 832, 844 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '82FEF390BE7144830000000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FrqI_10 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs 10, 17, 20, 26, 34, 42, 45, 46, 52, 59 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0000000000000000408320202090200' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FrqL_11 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs 45, 46, 52, 59, 66, 73, 74, 75, 76, 108, 114 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0002080000000F020408300000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FrqL_12 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs 17, 20 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0000000000000000000000000000090000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FrqL_13 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs 734, 741, 747, 754, 759, 766, 773, 775, 779, 782 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '82FEF6837EBF0300FCFEF6000000000' 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FrqL_14 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs: 773, 775, 779, 782, 791, 789, 829, 832, 844 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '8315FB0AFF3F40C33F5A000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | FrqL_15 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs 741, 747 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '82EBFD000000000000000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqL_16 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs 20, 30, 50, 70 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '000000000000000200002000020080000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqL_17 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs 590, 650, 750, 850 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | 'EECE19310000000000000000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FrqL_18 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs 10, 80, 100, 120 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '00800008000080000000000000000200' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_19 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs 520, 600, 700, 870 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '8904140300D9000000000000000000000000' 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_20 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 1.. 64 for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '000000000000000000FFFFFFFFFFFFFFF' F'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_A0 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | Complete Cell Allocation of cell A in HO cases. ARFCN_list={10,17,20,26,34,42,45,46,52,59,66,73,74,75,76,108,114}. | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '000208000000F020408320202090200' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_A0d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | Complete Cell Allocation of Cell A in HO cases using 512 format. frequency list, after time for a target cell used in HO_case in cell A for DCS1800. List_ARFCN={734,741,747,754,759,762,766,767,773,775,779,782,791,798,829,832,844} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '896F0A7CC5FC700A8B9F7FF45246334' 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_egsm(par_flist: OCTETSTRING; par_flistl: OCTETSTRING) | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | Complete Cell Allocation in EGSM cases. | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | par_flistl | |
| fl | par_flist | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_A | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time used in HO_case in cell A. List_ARFCN={10,17,20,26,59,66,73,74,75,76,108,114} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0002080000000F020300000002090200' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_20_Ad | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B used in HO_case in cell A for DCS1800 using 256 format for the f'list. List_ARFCN={747, 775, 779, 782, 791, 798, 829, 832, 844} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '09'O | |
| fl | '8B7599F045EFA499C0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_20_A2 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list for GSM900 hopping channel with only one frequency. Chosen ARFCN=10 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '00000000000000000000000000000200' O | |
| Detailed Comments: | used in | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_A2d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list for DCS1800 hopping channel with only one frequency ARFCN. Chooosen ARFCN from CA of Cell A = 734 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '02'O | |
| fl | '82DE'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_B0 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | Complete Cell Allocation of cell B in HO cases. all of the CA: ARFCN_list={14,18,22,24,30,31,38,40,60,66,73,74,75,76,108,114}. | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0002080000000F02080000A060A22000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_B0d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B using 512 format. List_ARFCN= complete cell allocation of cell B in HO cases. 739,743,746,749,756,758,761,764,771,779,782,791,798,829,832,844 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '0F'O | |
| fl | '8971883C46FB700A8BDF7DF4324330' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_B1 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B. List_ARFCN={14,18,22,24,30,31,38,60,66,73,74,75,76,108,114} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0002080000000F020800002060A22000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqI_20_B2 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B. Complete Cell Allocation of cell B in HO cases. List_ARFCN={14,18,22,24,30,31,38,40,60,66,73,74,75,76,108,114} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0002080000000F02080000A060A22000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FrqI_20_B3 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B. List_ARFCN={14,18,22,24,60,66,73,74,75,76,108,114} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0002080000000F02080000000A22000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqI_20_B4 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B. List_ARFCN={40, 66, 73, 74, 75, 76, 108, 114} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '00020800000001E0200000100000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqI_20_B3d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B using 1024 format. List_ARFCN={749, 758, 764, 771, 779, 782, 791, 798, 829, 832, 844} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '0C'O | |
| fl | '830EF70BFEB843C3FBF9F1D0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_B4d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B. List_ARFCN={764, 779, 782, 791, 798, 829, 832, 844} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '0A'O | |
| fl | '831EF808BF7F42433880'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_B5 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B. List_ARFCN={14,18,22,24,30,31,38,60,66,73,74,75,76,108,114} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0002080000000F020800002060A22000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_B5d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B. List_ARFCN={764, 779, 782, 791, 798, 829, 832, 844} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '0C'O | |
| fl | '830EF58BFF784483FF79F1D0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_B6 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B. List_ARFCN={40,66,73,74,75,76,108,114} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0002080000000F020000008000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqI_20_B6d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B. List_ARFCN={761,764,771,779,782,791,798,829,832} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '0B'O | |
| fl | '830EFC8BFE784200FEF9'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FrqI_20_B7 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B. List_ARFCN={14,18,22,24,30,31,38,60,66,73,74,75,76,108,114} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '000208000000F020800002040A22000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqI_20_B72 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B. List_ARFCN={14,18,22,24,30,31,38,40,60,66,73,74,75,108} without 76 ! | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '000008000000702080000A040A22000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqI_20_B7d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B using 128 format. List_ARFCN={746, 779} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '03'O | |
| fl | '8D7521'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_20_B8d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B using 1024 format. List_ARFCN= complete cell allocation of cell B in HO cases. 739,743,746,749,756,758,761,764,771,779,782,791,798,829,832,844 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '8303F886FDBC0148DEFDFBF41890633 C'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_20_B9d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B using 256 format List_ARFCN={746,749,756,761,764,798,829,832,844} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '08'O | |
| fl | '8B751A2245DFA198'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_20_B10d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B using 256 format List_ARFCN={764,779,782} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '05'O | |
| fl | '8B7E097D00'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_11d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B using variable bir mapping format for 256 List_ARFCN={739,743,746,749,756,758,764,771,779,782,791,798,829,832,844} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '0D'O | |
| fl | '8B7194E965B3441FDBEA8339C'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_20_B12d | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | frequency list, after time for cell B using 128 format List_ARFCN={758,761,771} | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '04'O | |
| fl | '8D7B0DD8'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_20_A0E | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | Complete Cell Allocation of cell A in EGSM cases using of 1024 format. ARFCN_list={0, 30, 40, 66, 1005, 1010, 1015}. | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '841EEA893EF9814380000000000000000' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_21 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 61.. 124 for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0FFFFFFFFFFFFFFFFF000000000000000' 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_22 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 1, 3, 5, ...,123, 2, 4 for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '05555555555555555555555555555555F' O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_23 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs= 2, 4, 6, ..., 124, 1, 3 for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0AAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAF'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_24 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 21, ..., 84, for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '000000000000FFFFFFFFFFFFFFFF0000 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_25 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 81, ..., 124, 1, ..., 20, for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0FFFFFFFFF00000000000000FFFF F'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Frql_26 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 11, ..., 74, for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '00000000000003FFFFFFFFFFFFFFC0 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqI_27 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 31, ..., 94, for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '000000003FFFFFFFFFFFFFFFFC000000 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqI_28 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 51, ...,114, for GSM of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '0003FFFFFFFFFFFFFFFFC00000000000 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqI_29 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 749, ..., 812, for DCS of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '8F5E800000000000FFFFFFFFFFFFFFF F'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | FrqI_30 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 749, ..., 812, for DCS of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '8F5EFFFFFFFFFFFFFFFF8000000000 0'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_31 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 702, 704, ..., 812, 733, 741, 749, 757, 765, 773, 781, 789, for DCS of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '8F5ED5555555D5D5D5D5D5D55555'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_32 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 717, ..., 724, 733, ..., 744, 757, ..., 760, 773, ..., 812, for DCS of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '8F5E8000FF00FFF000F000FFFFFFFFF'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_33 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs: 702, ..., 732, 749, 750, 754, ..., 756, 758, 762, ..., 764, 766, 770, ..., 772, 774, 778, ..., 780, 782, 786, ..., 788, 790, 794, ..., 796, 798, 802, ..., 804, 806, 810, ..., 812 for DCS of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '8F5EFFFFFFFF000447474747474747'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Frql_34 | |
| Structured Type: | FRQL | |
| Derivation Path: | | |
| Comments: | ARFCNs = 707, 709, ..., 713, 715, 717, ..., 721, 723, 725, ..., 729, 731, 733, ..., 737, 739, 741, ..., 745, 747, 749, ..., 753, 755, 757, ..., 761, 763, 765, ..., 769, 771, 779, 787, 795, 798, ..., 803, 806, ..., 811, for DCS of TC_26_6_6_1 | |
| Element Name | Element Value | Comments |
| iei | '00000101'B | |
| iel | '10'O | |
| fl | '8F5E82FAFAFAFAFAFAFAFA0202027E7E'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Hlcmp_Setup_TS11_12 | |
| Structured Type: | HLCMP | |
| Derivation Path: | | |
| Comments: | High Layer Compatibility IE for teleservices 11 and 12. | |
| Element Name | Element Value | Comments |
| iei | '01111101'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '00'B | |
| in | '100'B | |
| pmp | '01'B | |
| extb4 | '?'B | |
| hlci | '0000001'B | |
| extb4a | * | |
| ehlci | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Hlcmp_Setup_TS61 | |
| Structured Type: | HLCMP | |
| Derivation Path: | | |
| Comments: | High Layer Compatibility IE for teleservice 61. | |
| Element Name | Element Value | Comments |
| iei | '01111101'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '00'B | |
| in | '100'B | |
| pmp | '01'B | |
| extb4 | '?'B | |
| hlci | '0000100'B | |
| extb4a | * | |
| ehlci | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Hlcmp_Setup_TS62 | |
| Structured Type: | HLCMP | |
| Derivation Path: | | |
| Comments: | High Layer Compatibility IE for teleservice 62. | |
| Element Name | Element Value | Comments |
| iei | '01111101'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '00'B | |
| in | '100'B | |
| pmp | '01'B | |
| extb4 | '?'B | |
| hlci | '0000001'B | |
| extb4a | * | |
| ehlci | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--------------------------------------|-------------------------|----------|
| Element Name | Element Value | Comments |
| Constraint Name: laRestOct_01 | | |
| Structured Type: IARESTOCT | | |
| Derivation Path: | | |
| Comments: | | |
| iei | OMIT | |
| iaroct1 | '2B2B2B2B2B2B2B2B2B2B'O | |
| iaroct2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--------------------------------------|-------------------------|----------|
| Element Name | Element Value | Comments |
| Constraint Name: laRestOct_02 | | |
| Structured Type: IARESTOCT | | |
| Derivation Path: | | |
| Comments: | | |
| iei | OMIT | |
| iaroct1 | '2B2B2B2B2B2B2B2B2B2B'O | |
| iaroct2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--|---------------|----------|
| Element Name | Element Value | Comments |
| Constraint Name: laRestOct_03 | | |
| Structured Type: IARESTOCT | | |
| Derivation Path: | | |
| Comments: used in TC_26_6_13_9. | | |
| iei | OMIT | |
| iaroct1 | OMIT | |
| iaroct2 | laRestOct2_01 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---|---------------|----------|
| Element Name | Element Value | Comments |
| Constraint Name: laRestOct_04 | | |
| Structured Type: IARESTOCT | | |
| Derivation Path: | | |
| Comments: used in TC_26_6_13_10. | | |
| iei | OMIT | |
| iaroct1 | OMIT | |
| iaroct2 | laRestOct2_02 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--------------------------------------|---------------------------|----------|
| Element Name | Element Value | Comments |
| Constraint Name: laRestOct_05 | | |
| Structured Type: IARESTOCT | | |
| Derivation Path: | | |
| Comments: | | |
| iei | OMIT | |
| iaroct1 | '1A4C6B8EAF37B21A2D5B65'O | |
| iaroct2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | laRestOct_06 | |
| Structured Type: | IARESTOCT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iaroct1 | '2B2B2B'O | |
| iaroct2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------|----------|
| Constraint Name: | laRestOct_08 | |
| Structured Type: | IARESTOCT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iaroct1 | '2B2B2B2B2B2B2B2B'O | |
| iaroct2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------|----------|
| Constraint Name: | laRestOct_09 | |
| Structured Type: | IARESTOCT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iaroct1 | '2B2B2B2B2B2B2B2B'O | |
| iaroct2 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | laRestOct2_01 | |
| Structured Type: | IARESTOCT2 | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| p | '10'B | |
| frqparalen | '000010'B | |
| spbt1 | '00'B | |
| maio | TSPX_Maio29 | |
| ma | TSPX_Ma29 | |
| spbt2 | '2B2B2B2B'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | IaRestOct2_02 | |
| Structured Type: | IARESTOCT2 | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| p | '10'B | |
| frqparalen | '000010'B | |
| spbt1 | '00'B | |
| maio | TSPX_Maio31 | |
| ma | TSPX_Ma31 | |
| spbt2 | '2B2B2B2B'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | KeyPad_01(character:IA5String) | |
| Structured Type: | KPF | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '00101100'B | |
| extb | '0'B | |
| kpf_info | character | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | KeyPad_02 | |
| Structured Type: | KPF | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '00101100'B | |
| extb | '0'B | |
| kpf_info | ? | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B121_300_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_300_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '11110'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B121_300_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_300_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '11110'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B121_1200_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_1200_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00001'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B121_1200_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_1200_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00001'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B121_120075_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_120075_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '10111'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B121_120075_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_120075_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '10111'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B121_2400_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_2400_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00011'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B121_2400_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_2400_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00011'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B121_4800_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_4800_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00101'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B121_4800_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_4800_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00101'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B121_9600_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_9600_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '01000'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B121_9600_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_9600_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '01000'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B121_9600_3 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | <p>Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_9600_3.</p> <p>This constraint is identical to Llcmp_Setup_B121_9600_1 because the differences between the two corresponding bearer capabilities IEs are not reflected in the low layer compatibilities IEs.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '01000'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |

| | | |
|---------------------------|---------------------------------|--|
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B121_9600_4 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | <p>Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.1. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_9600_4.</p> <p>This constraint is identical to Llcmp_Setup_B121_9600_2 because the differences between the two corresponding bearer capabilities IEs are not reflected in the low layer compatibilities IEs.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '01000'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |

| | | |
|---------------------------|---------------------------------|--|
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B122_300_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_300_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '11110'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010001'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B122_300_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_300_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '11110'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010001'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B122_1200_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_1200_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00001'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010010'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B122_1200_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_1200_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00001'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010010'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|--------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B122_120075_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_120075_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '10111'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B122_120075_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_120075_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '10111'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B122_2400_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_2400_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00011'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010011'B, '010111'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B122_2400_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_2400_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00011'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010011'B, '010111'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B122_4800_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_4800_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00101'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B122_4800_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_4800_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00101'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B122_9600_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_9600_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B122_9600_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_9600_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B122_9600_3 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | <p>Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_9600_3.</p> <p>This constraint is identical to Llcmp_Setup_B122_9600_1 because the differences between the two corresponding bearer capabilities IEs are not reflected in the low layer compatibilities IEs.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |

| | | |
|---------------------------|---------------------------------|--|
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B122_9600_4 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | <p>Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.2.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_9600_4.</p> <p>This constraint is identical to Llcmp_Setup_B122_9600_2 because the differences between the two corresponding bearer capabilities IEs are not reflected in the low layer compatibilities IEs.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |

| | | |
|--------|---------------------------------|--|
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1311_1200 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.1 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1311_1200. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '0'B | |
| neg | '0'B | |
| ur | '00001'B | |
| extb5b1 | ? | |
| ir | '01'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | '01'B | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |

| | | |
|--------|---------------------------------|--|
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1311_2400 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.1 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1311_2400. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '0'B | |
| neg | '0'B | |
| ur | '00011'B | |
| extb5b1 | ? | |
| ir | '01'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | '01'B | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |

| | | |
|--------|---------------------------------|--|
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1311_4800 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.1 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1311_4800. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '0'B | |
| neg | '0'B | |
| ur | '00101'B | |
| extb5b1 | ? | |
| ir | '01'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | '01'B | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |

| | | |
|--------|---------------------------------|--|
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1311_9600 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.1 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1311_9600. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '0'B | |
| neg | '0'B | |
| ur | '01000'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | '01'B | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |

| | | |
|--------|---------------------------------|--|
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1312_2400 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.1 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1312_2400. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '01001'B | |
| extb5a | ? | |
| sb | '0'B | |
| neg | '0'B | |
| ur | '00011'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | '01'B | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |

| | | |
|--------|---------------------------------|--|
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1312_4800 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.1 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1312_4800. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '01001'B | |
| extb5a | ? | |
| sb | '0'B | |
| neg | '0'B | |
| ur | '00101'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | '01'B | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |

| | | |
|--------|---------------------------------|--|
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1312_9600 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.1 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1312_9600. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '01001'B | |
| extb5a | ? | |
| sb | '0'B | |
| neg | '0'B | |
| ur | '01000'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | '01'B | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |

| | | |
|--------|---------------------------------|--|
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1321_1200 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1321_1200. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00001'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '01'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010010'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1321_2400 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1321_2400. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00011'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '01'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010011'B, '010111'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1321_4800 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1321_4800. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00101'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '01'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1321_9600 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | <p>Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1321_9600. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1322_2400 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1322_2400. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00011'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010011'B, '010111'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1322_4800 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1322_4800. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00101'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1322_9600_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1322_9600_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B1322_9600_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | <p>Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.3.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1322_9600_2.</p> <p>This constraint is identical to Bcap_Setup_B1322_9600_1 because the differences between the two corresponding bearer capabilities IEs are not reflected in the low layer compatibilities IEs.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |

| | | |
|--------|---------------------------------|--|
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B14_300_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B14_300_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '11110'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B14_300_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B14_300_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '11110'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B14_1200_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B14_1200_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00001'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B14_1200_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B14_1200_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00001'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B14_120075_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_120075_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '10111'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B14_120075_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_120075_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '10111'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B14_2400_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_2400_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00011'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B14_2400_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B121_2400_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00011'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B14_4800_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B14_4800_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00101'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B14_4800_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B14_4800_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '00101'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B14_9600_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B14_9600_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '01000'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B14_9600_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B14_9600_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '01000'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B14_9600_3 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | <p>Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4. of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B14_9600_3.</p> <p>This constraint is identical to Llcmp_Setup_B14_9600_1 because the differences between the two corresponding bearer capabilities IEs are not reflected in the low layer compatibilities IEs.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '01000'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '10'B | |
| pi | ('000'B, '010'B, '100'B, '101'B) | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |

| | | |
|---------------------------|---------------------------------|--|
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B14_9600_4 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | <p>Lower Layer Compatibility IE for a setup PDU acc to clause B.2.4 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B14_9600_4.</p> <p>This constraint is identical to Llcmp_Setup_B14_9600_2 because the differences between the two corresponding bearer capabilities IEs are not reflected in the low layer compatibilities IEs.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | '100'B IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00001'B | |
| extb5a | ? | |
| sb | '1'B | |
| neg | '0'B | |
| ur | '01000'B | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | '0'B | |
| nicrx | '0'B | |
| fctx | '0'B | |
| fcrx | '0'B | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? | |
| nsb | ('01'B, '11'B) | |
| ndb | '11'B | |
| pi | '011'B | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010001'B, '010010'B, '010011'B, '010100'B, '010111'B, '011100'B) IF_PRESENT | |
| extb6 | * | |

| | | |
|---------------------------|---------------------------------|--|
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B15_2400 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.5.1 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B15_2400. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '01001'B | |
| extb5a | ? | |
| sb | '0'B | |
| neg | '0'B | |
| ur | '00011'B | |
| extb5b1 | OMIT | |
| ir | OMIT | |
| nictx | OMIT | |
| nicrx | OMIT | |
| fctx | OMIT | |
| fcrx | OMIT | |
| spb5b1 | OMIT | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | OMIT | |
| nsb | OMIT | |
| ndb | OMIT | |
| pi | OMIT | |
| extb5d | OMIT | |
| dplxm | OMIT | |
| modemt | OMIT | |
| extb6 | ? | |
| l2id | '10'B | |
| uil2 | ('00110'B, '00111'B) | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|--------|-----------------|--|
| ol2pi | * | |
| extb7 | ? | |
| l3id | '11'B | |
| uil3 | '00110'B | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B15_4800 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | <p>Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.5.1 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B15_00. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '01001'B | |
| extb5a | ? | |
| sb | '0'B | |
| neg | '0'B | |
| ur | '00101'B | |
| extb5b1 | OMIT | |
| ir | OMIT | |
| nictx | OMIT | |
| nicrx | OMIT | |
| fctx | OMIT | |
| fcrx | OMIT | |
| spb5b1 | OMIT | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | OMIT | |
| nsb | OMIT | |
| ndb | OMIT | |
| pi | OMIT | |
| extb5d | OMIT | |
| dplxm | OMIT | |
| modemt | OMIT | |
| extb6 | ? | |
| l2id | '10'B | |
| uil2 | ('00110'B, '00111'B) | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|--------|-----------------|--|
| ol2pi | * | |
| extb7 | ? | |
| l3id | '11'B | |
| uil3 | '00110'B | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B15_9600 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to the table in clause B.2.5.1 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B15_9600. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '01000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '01001'B | |
| extb5a | ? | |
| sb | '0'B | |
| neg | '0'B | |
| ur | '01000'B | |
| extb5b1 | OMIT | |
| ir | OMIT | |
| nictx | OMIT | |
| nicrx | OMIT | |
| fctx | OMIT | |
| fcrx | OMIT | |
| spb5b1 | OMIT | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | OMIT | |
| nsb | OMIT | |
| ndb | OMIT | |
| pi | OMIT | |
| extb5d | OMIT | |
| dplxm | OMIT | |
| modemt | OMIT | |
| extb6 | ? | |
| l2id | '10'B | |
| uil2 | ('00110'B, '00111'B) | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|--------|-----------------|--|
| ol2pi | * | |
| extb7 | ? | |
| l3id | '11'B | |
| uil3 | '00110'B | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_300_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B16212_300_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '11110'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010001'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B1621_300_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1621_300_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '11110'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010001'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_1200_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1621_1200_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00001'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010010'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_1200_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1621_1200_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00001'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010010'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_120075_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1621_120075_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '10111'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_120075_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1621_120075_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '10111'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_2400_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1621_2400_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00011'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010011'B, '010111'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_2400_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1621_2400_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00011'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010011'B, '010111'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_4800_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1621_4800_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00101'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_4800_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1621_4800_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00101'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|--------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_9600_1 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1621_9600_1. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Llcmp_Setup_B1621_9600_2 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_9600_2. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_9600_3 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | <p>Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B122_9600_3.</p> <p>This constraint is identical to Llcmp_Setup_B122_9600_1 because the differences between the two corresponding bearer capabilities IEs are not reflected in the low layer compatibilities IEs.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '10'B IF_PRESENT | |
| pi | ('000'B, '010'B, '011'B, '100'B, '101'B) IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |

| | | |
|---------------------------|---------------------------------|--|
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1621_9600_4 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | <p>Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.1 and B.2.6.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1621_9600_4.</p> <p>This constraint is identical to Llcmp_Setup_B1621_9600_2 because the differences between the two corresponding bearer capabilities IEs are not reflected in the low layer compatibilities IEs.</p> <p>ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO!</p> | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '1'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | ('01'B, '11'B) IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |

| | | |
|--------|---------------------------------|--|
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |

Detailed Comments:

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1622_1200 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.2 and B.2.7.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1622_1200. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00001'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '01'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '010010'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1622_2400 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.2 and B.2.7.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1622_2400. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00011'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '01'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | ('010011'B, '010111'B) IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1622_4800 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.2 and B.2.7.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1622_4800. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '00101'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '01'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_Setup_B1622_9600 | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | Lower Layer Compatibility IE for a setup PDU acc to clauses B.2.6.2 and B.2.7.2 of GSM 07.01. The combination of the values is equivalent to the combination in the bearer capability constraint Bcap_Setup_B1622_9600. ANY CHANGE IN THIS CONSTRAINT MUST BE MADE IN THE CORRESPONDING BEARER CAPABILITY CONSTRAINT ALSO! | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O, '0C'O, '0D'O, '0E'O) | |
| extb3 | ? | |
| cs | '00'B | |
| itc | '10000'B | |
| extb3a | '1'B IF_PRESENT | |
| negind | * | |
| spb3a | '000000'B IF_PRESENT | |
| extb4 | ? | |
| tm | '00'B | |
| itr | '10000'B | |
| extb4a | * | |
| strc | ('000'B, '001'B, '100'B, '111'B) IF_PRESENT | |
| config | '00'B IF_PRESENT | |
| est | '00'B IF_PRESENT | |
| extb4b | '1'B IF_PRESENT | |
| sym | '00'B IF_PRESENT | |
| itrdo | ('00000'B, '10000'B, '10001'B, '10011'B, '10101'B, '10111'B) IF_PRESENT | |
| extb5 | ? | |
| l1id | '01'B | |
| uil1 | '00011'B | |
| extb5a | ? IF_PRESENT | |
| sb | '0'B IF_PRESENT | |
| neg | ('0'B, '1'B) IF_PRESENT | |
| ur | '01000'B IF_PRESENT | |
| extb5b1 | ? | |
| ir | '10'B | |
| nictx | ('0'B, '1'B) | |
| nicrx | ('0'B, '1'B) | |
| fctx | ('0'B, '1'B) | |
| fcrx | ('0'B, '1'B) | |
| spb5b1 | '0'B | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | ? IF_PRESENT | |
| nsb | '01'B IF_PRESENT | |
| ndb | '11'B IF_PRESENT | |
| pi | '011'B IF_PRESENT | |
| extb5d | '1'B IF_PRESENT | |
| dplxm | ('0'B, '1'B) IF_PRESENT | |
| modemt | '011100'B IF_PRESENT | |
| extb6 | * | |
| l2id | '10'B IF_PRESENT | |
| uil2 | ('00110'B, '00111'B) IF_PRESENT | |
| extb6a | '1'B IF_PRESENT | |

| | | |
|---------------------------|---------------------|--|
| ol2pi | * | |
| extb7 | * | |
| l3id | '11'B IF_PRESENT | |
| uil3 | '00110'B IF_PRESENT | |
| extb7a | '1'B IF_PRESENT | |
| ol3pi | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Llcmp_NotApplicable | |
| Structured Type: | LLCMP | |
| Derivation Path: | | |
| Comments: | High Layer Compatibility IE which is not applicable for a specific service (empty IE). | |
| Element Name | Element Value | Comments |
| iei | '01111100'B | |
| iel | '00'O | |
| extb3 | OMIT | |
| cs | OMIT | |
| itc | OMIT | |
| extb3a | OMIT | |
| negind | OMIT | |
| spb3a | OMIT | |
| extb4 | OMIT | |
| tm | OMIT | |
| itr | OMIT | |
| extb4a | OMIT | |
| strc | OMIT | |
| config | OMIT | |
| est | OMIT | |
| extb4b | OMIT | |
| sym | OMIT | |
| itrdo | OMIT | |
| extb5 | OMIT | |
| l1id | OMIT | |
| uil1 | OMIT | |
| extb5a | OMIT | |
| sb | OMIT | |
| neg | OMIT | |
| ur | OMIT | |
| extb5b1 | OMIT | |
| ir | OMIT | |
| nictx | OMIT | |
| nicrx | OMIT | |
| fctx | OMIT | |
| fcrx | OMIT | |
| spb5b1 | OMIT | |
| extb5b2 | OMIT | |
| hdrb | OMIT | |
| mfs | OMIT | |
| mode | OMIT | |
| llineg | OMIT | |
| ass | OMIT | |
| ibob | OMIT | |
| spb5b2 | OMIT | |
| extb5c | OMIT | |
| nsb | OMIT | |
| ndb | OMIT | |
| pi | OMIT | |
| extb5d | OMIT | |
| dplxm | OMIT | |
| modemt | OMIT | |
| extb6 | OMIT | |
| l2id | OMIT | |
| uil2 | OMIT | |
| extb6a | OMIT | |
| ol2pi | OMIT | |
| extb7 | OMIT | |
| l3id | OMIT | |
| uil3 | OMIT | |
| extb7a | OMIT | |
| ol3pi | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | LocAreald(mnc, lac:OCTETSTRING) | |
| Structured Type: | LAI | |
| Derivation Path: | | |
| Comments: | Cell A default value for L3 test | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| mcc | '00F1'O | |
| mnc | mnc | |
| lac | lac | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | LocAreald_01 | |
| Structured Type: | LAI | |
| Derivation Path: | | |
| Comments: | Cell A default value for L3 test | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| mcc | '00F1'O | |
| mnc | '10'O | |
| lac | C_lacellA | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | LocAreald_01iei | |
| Structured Type: | LAI | |
| Derivation Path: | | |
| Comments: | Cell A default value for L3 test | |
| Element Name | Element Value | Comments |
| iei | '00010011'B | |
| mcc | '00F1'O | |
| mnc | '10'O | |
| lac | '0001'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | LocAreald_02 | |
| Structured Type: | LAI | |
| Derivation Path: | | |
| Comments: | Cell B | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| mcc | '00F1'O | |
| mnc | '10'O | |
| lac | C_lacellB | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | LocAreald_03 | |
| Structured Type: | LAI | |
| Derivation Path: | | |
| Comments: | Cell A (cell 1) | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| mcc | '00F2'O | |
| mnc | 'F0'O | |
| lac | '0001'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | LocAreald_04 | |
| Structured Type: | LAI | |
| Derivation Path: | LocAreald_01. | |
| Comments: | Cell B (cell 2) | |
| Element Name | Element Value | Comments |
| mcc | '00F3'O | |
| mnc | 'F2'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | LocAreald_05 | |
| Structured Type: | LAI | |
| Derivation Path: | LocAreald_01. | |
| Comments: | Cell C (cell 3) | |
| Element Name | Element Value | Comments |
| mcc | '00F4'O | |
| mnc | 'F3'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | LocAreald_06 | |
| Structured Type: | LAI | |
| Derivation Path: | LocAreald_01. | |
| Comments: | Cell D (cell 4) | |
| Element Name | Element Value | Comments |
| mcc | '00F5'O | |
| mnc | 'F4'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | LocAreald_07 | |
| Structured Type: | LAI | |
| Derivation Path: | LocAreald_01. | |
| Comments: | Cell E (cell 5) | |
| Element Name | Element Value | Comments |
| mcc | '00F6'O | |
| mnc | 'F5'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | LocAreald_08 | |
| Structured Type: | LAI | |
| Derivation Path: | LocAreald_01. | |
| Comments: | Cell F (cell 6) | |
| Element Name | Element Value | Comments |
| mcc | '00F7'O | |
| mnc | 'F6'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | LocAreald_09 | |
| Structured Type: | LAI | |
| Derivation Path: | LocAreald_01. | |
| Comments: | Cell G (cell 7) | |
| Element Name | Element Value | Comments |
| mcc | '00F8'O | |
| mnc | 'F7'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | LocAreald_10 | |
| Structured Type: | LAI | |
| Derivation Path: | LocAreald_01. | |
| Comments: | Cell H (cell 8) for GSM900 or Cell G (cell 7) for DCS1800 | |
| Element Name | Element Value | Comments |
| mcc | '00F1'O | |
| mnc | '10'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | LocAreald_30(Lac: OCTETSTRING) | |
| Structured Type: | LAI | |
| Derivation Path: | | |
| Comments: | LAC set in TCV_lac. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| mcc | '00F1'O | |
| mnc | C_PLMN_1 | |
| lac | Lac | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | LocAreald_31(Lac: OCTETSTRING) | |
| Structured Type: | LAI | |
| Derivation Path: | | |
| Comments: | LAC set in TCV_lac. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| mcc | '00F1'O | |
| mnc | C_PLMN_2 | |
| lac | Lac | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------|----------|
| Constraint Name: | LocUpType(locup:B_2) | |
| Structured Type: | LUT | |
| Derivation Path: | | |
| Comments: | location updating type | |
| Element Name | Element Value | Comments |
| foreq | '0'B | |
| sprb | '0'B | |
| lut | locup | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | Mi_01 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | used as a comprehension required IE | |
| Element Name | Element Value | Comments |
| iei | '00000000'B | |
| iel | '01'O | |
| idigit_1 | '1110'B | |
| oei | '1'B | |
| toi | '111'B | |
| idigits_other | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--|-------------------------|----------|
| Constraint Name: | Mi_02 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | used as an unknown IEI. | |
| Element Name | Element Value | Comments |
| iei | '10101110'B | |
| iel | OMIT | |
| idigit_1 | OMIT | |
| oei | OMIT | |
| toi | OMIT | |
| idigits_other | OMIT | |
| Detailed Comments: used in TC_26_5_6_1_1. | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------|----------|
| Constraint Name: | Mi_05 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | used as an unknown IE | |
| Element Name | Element Value | Comments |
| iei | '00000010'B | |
| iel | 'E0'O | |
| idigit_1 | '1001'B | |
| oei | '0'B | |
| toi | '000'B | |
| idigits_other | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------|----------|
| Constraint Name: | Mi_06 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | used as an unknown IEI. | |
| Element Name | Element Value | Comments |
| iei | '00010011'B | |
| iel | '02'O | |
| idigit_1 | '1010'B | |
| oei | '0'B | |
| toi | '111'B | |
| idigits_other | '78'O | |
| Detailed Comments: | used in TC_26_5_6_1_2. | |

| Structured Type Constraint | | |
|----------------------------|-------------------------|----------|
| Constraint Name: | Milmei_01 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | IMEI | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '08'O | |
| idigit_1 | OC_FirstDigi(TSPX_IMEI) | |
| oei | '1'B | |
| toi | '010'B | |
| idigits_other | OC_OtherDigi(TSPX_IMEI) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | Milmeisv_01 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | TSPX_IMEISV | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '09'O | |
| idigit_1 | OC_FirstDigi(TSPX_IMEISV) | |
| oei | '0'B | |
| toi | '011'B | |
| idigits_other | OC_OtherDigi(TSPX_IMEISV) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | Milmeisv_01iei | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | TSPX_IMEISV | |
| Element Name | Element Value | Comments |
| iei | '00010111'B | |
| iel | '09'O | |
| idigit_1 | OC_FirstDigi(TSPX_IMEISV) | |
| oei | '0'B | |
| toi | '011'B | |
| idigits_other | OC_OtherDigi(TSPX_IMEISV) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Milmsi_01 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | the TSPX_IMSI is the IMSI of the MS under test | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct(((LENGTH_OF(TSPX_IMSI))/2 + 1),1) | |
| idigit_1 | OC_FirstDigi(TSPX_IMSI) | |
| oei | OC_OeBit(TSPX_IMSI) | |
| toi | '001'B | |
| idigits_other | OC_OtherDigi(TSPX_IMSI) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Milmsi_01iei | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | the TSPX_IMSI is the IMSI of the MS under test | |
| Element Name | Element Value | Comments |
| iei | '00010111'B | |
| iel | OC_IntToOct(((LENGTH_OF(TSPX_IMSI))/2 + 1),1) | |
| idigit_1 | OC_FirstDigi(TSPX_IMSI) | |
| oei | OC_OeBit(TSPX_IMSI) | |
| toi | '001'B | |
| idigits_other | OC_OtherDigi(TSPX_IMSI) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Milmsi_02 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | This constraint is used in paging filling message. No mobile is paged (Type of identity is set to '000'B, i.e. no identity). | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '01'O | |
| idigit_1 | '1111'B | |
| oei | '0'B | |
| toi | '000'B | |
| idigits_other | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Milmsi_31 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | An another IMSI differing from Milmsi_01for RR testing, which is shorter than the maximum length. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '05'O | |
| idigit_1 | '0000'B | |
| oei | '1'B | |
| toi | '001'B | |
| idigits_other | '10102143'O | |
| Detailed Comments: | IMSI has 9 digits: '00 10 11 23 4' | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Milmsi_31iei | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | An another IMSI differing from Milmsi_01for RR testing, which is shorter than the maximum length. | |
| Element Name | Element Value | Comments |
| iei | '00010111'B | |
| iel | '05'O | |
| idigit_1 | '0000'B | |
| oei | '1'B | |
| toi | '001'B | |
| idigits_other | '10102143'O | |
| Detailed Comments: | IMSI has 9 digits: '00 10 11 23 4'. The iei appears in the messages, e.g. location updating accept. | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Milmsi_r01 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | An another IMSI differing from Milmsi_01 for RR testing. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '07'O | |
| idigit_1 | '0000'B | |
| oei | '1'B | |
| toi | '001'B | |
| idigits_other | '981032547698'O | |
| Detailed Comments: | IMSI has 13 digits: '08 90 12 34 56 78 9' | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Milmsi_r01iei | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | An another IMSI differing from Milmsi_01 for RR testing. | |
| Element Name | Element Value | Comments |
| iei | '00010111'B | |
| iel | '07'O | |
| idigit_1 | '0000'B | |
| oei | '1'B | |
| toi | '001'B | |
| idigits_other | '981032547698'O | |
| Detailed Comments: | IMSI has 13 digits: '08 90 12 34 56 78 9' | |

| Structured Type Constraint | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | MiTmsi_01 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | default TMSI for testing. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '05'O | |
| idigit_1 | '1111'B | |
| oei | '0'B | |
| toi | '100'B | |
| idigits_other | TSPX_TMSI | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | MiTmsi_01iei | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | default TMSI for testing. | |
| Element Name | Element Value | Comments |
| iei | '00010111'B | |
| iel | '05'O | |
| idigit_1 | '1111'B | |
| oei | '0'B | |
| toi | '100'B | |
| idigits_other | TSPX_TMSI | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | MiTmsi_02 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | A new TMSI | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '05'O | |
| idigit_1 | '1111'B | |
| oei | '0'B | |
| toi | '100'B | |
| idigits_other | TSPX_TMSI1 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | MiTmsi_02iei | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | A new TMSI | |
| Element Name | Element Value | Comments |
| iei | '00010111'B | |
| iel | '05'O | |
| idigit_1 | '1111'B | |
| oei | '0'B | |
| toi | '100'B | |
| idigits_other | TSPX_TMSI1 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MiTmsi_r01 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | A TMSI differs from MiTmsi_01 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '05'O | |
| idigit_1 | '1111'B | |
| oei | '0'B | |
| toi | '100'B | |
| idigits_other | OC_IncTmsi(TSPX_TMSI, '01'O) | |
| Detailed Comments: | Note: the TSPX_TMSI + '01'O shall not be identical to TSPX_TMSI1 | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MiTmsi_r02 | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | default TMSI for testing with toi setting to no id. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '05'O | |
| idigit_1 | '1111'B | |
| oei | '0'B | |
| toi | '000'B | |
| idigits_other | TSPX_TMSI | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MiTmsi_r02iei | |
| Structured Type: | MI | |
| Derivation Path: | | |
| Comments: | default TMSI for testing with toi setting to no id. | |
| Element Name | Element Value | Comments |
| iei | '00010111'B | |
| iel | '05'O | |
| idigit_1 | '1111'B | |
| oei | '0'B | |
| toi | '000'B | |
| idigits_other | TSPX_TMSI | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma1_g01 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 64 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '08'O | |
| mac_8n | '00000000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00111111'B | |
| mac_1n | '11111110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma1_g02 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 64 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '08'O | |
| mac_8n | '10000000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '10000000'B | |
| mac_4n | '00100000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00000000'B | |
| mac_1n | '00000101'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma1_g03 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 64 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '08'O | |
| mac_8n | '01000000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000010'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00000000'B | |
| mac_1n | '01100101'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma1_g04 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 64 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '08'O | |
| mac_8n | '00000001'B | |
| mac_7n | '00000000'B | |
| mac_6n | '01000010'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000001'B | |
| mac_2n | '01110000'B | |
| mac_1n | '00000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma1_g05 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 64 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '08'O | |
| mac_8n | '01001000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00001101'B | |
| mac_2n | '01000100'B | |
| mac_1n | '00000001'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma1_g06 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 64 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '08'O | |
| mac_8n | '11111111'B | |
| mac_7n | '10000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00011111'B | |
| mac_1n | '00000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma1_g07 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 64 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '08'O | |
| mac_8n | '11111000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00011111'B | |
| mac_1n | '00000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma1_g08 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 64 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '08'O | |
| mac_8n | '00000000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00001111'B | |
| mac_2n | '11111110'B | |
| mac_1n | '00000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma1_g09 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 64 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '08'O | |
| mac_8n | '11111111'B | |
| mac_7n | '11110000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | '00000000'B | |
| mac_3n | '00000000'B | |
| mac_2n | '00000000'B | |
| mac_1n | '00000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma2_g01 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 30 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '04'O | |
| mac_8n | '00111111'B | |
| mac_7n | '11111100'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma2_g02 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 30 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '04'O | |
| mac_8n | '00000000'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00001111'B | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma2_g03 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 30 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '04'O | |
| mac_8n | '00000000'B | |
| mac_7n | '00011111'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00000000'B | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma2_g04 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 30 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '04'O | |
| mac_8n | '00000000'B | |
| mac_7n | '00001010'B | |
| mac_6n | '10101010'B | |
| mac_5n | '00000000'B | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma2_g05 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 30 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '04'O | |
| mac_8n | '00010101'B | |
| mac_7n | '01000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '10101000'B | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma2_g06 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 30 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '04'O | |
| mac_8n | '00011010'B | |
| mac_7n | '10100000'B | |
| mac_6n | '00000000'B | |
| mac_5n | '00011100'B | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma2_g07 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 30 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '04'O | |
| mac_8n | '00011100'B | |
| mac_7n | '00000011'B | |
| mac_6n | '10011100'B | |
| mac_5n | '00000000'B | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma2_g08 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 30 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '04'O | |
| mac_8n | '00000001'B | |
| mac_7n | '00100100'B | |
| mac_6n | '10010000'B | |
| mac_5n | '00011111'B | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma2_g09 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 30 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '04'O | |
| mac_8n | '00110000'B | |
| mac_7n | '00000011'B | |
| mac_6n | '11010000'B | |
| mac_5n | '00001111'B | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma3_g01 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 12 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | '00001110'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma3_g02 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 12 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | '00000100'B | |
| mac_7n | '00000011'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma3_g03 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 12 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | '00001010'B | |
| mac_7n | '10100000'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma3_g04 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 12 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | '00000111'B | |
| mac_7n | '11000000'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma3_g05 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 12 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | '00001010'B | |
| mac_7n | '10010101'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma3_g06 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 12 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | '00001111'B | |
| mac_7n | '00001011'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma3_g07 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 12 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | '00001010'B | |
| mac_7n | '11110011'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma3_g08 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 12 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | '00001111'B | |
| mac_7n | '00101111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Ma3_g09 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_6_1 for GSM, cell allocation contains 12 ARFCHs | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | '00001111'B | |
| mac_7n | '10111110'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | MoblAllc_01 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | non hopping | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------|----------|
| Constraint Name: | MoblAllc_01iei | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | non hopping | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '00'O | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | MoblAllc_02 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_01. | |
| Comments: | hopping | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '01'O | |
| mac_8n | '00000010'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | MoblAllc_04 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping used in TC_26_6_4_2_2. | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '01'O | |
| mac_8n | '00001110'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_20_A0 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with 0001 1111 1111 1111 1111 indicates all of the frequencies in CA of cell A with ARFCN_list={10,17,20,26,34,42,45,46,52,59,66,73,74,75,76,108,114} | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111111'B | |
| mac_6n | '11111111'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_20_A1 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with 0001 1111 1111 1111 1011 indicates all of the frequencies in CA of cell A with ARFCN_list={10,17,20,26,34,42,45,46,52,59,66,73,74,75,76,108,114} with except for the BCCH frequency 20. | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111111'B | |
| mac_6n | '11111011'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_20_A3d | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with 0000 0001 1111 1111 0111 1011 indicates all of the frequencies in CA of cell A ARFCN_list={10,17,20,26,34,42,45,46,52,59,66,73,74,75,76,108,114} with except for the BCCH frequency 20 and 52. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111110'B | |
| mac_6n | '01111011'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_252 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with 0001 1100 indicates ARFCN_list={40,66,73,74,75,76,108,114} to the ARFCN_list={73,74,75}. | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '01'O | |
| mac_8n | '00011100'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_252d | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with 0111 0000 0 List_ARFCN={761,764,771,779,782,791,798,829,832} to the ARFCN_list={791,798,829}. | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '02'O | |
| mac_8n | '00000000'B | |
| mac_7n | '11100000'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_22 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with all of f's from cell allocation of cell B with except of {764,832,844} | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '02'O | |
| mac_8n | '11111110'B | |
| mac_7n | '11111100'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_281 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with indicates to the ARFCN_list={73,74,75} of cell allocation A. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '03'O | |
| mac_8n | '00000000'B | |
| mac_7n | '00111000'B | |
| mac_6n | '00000000'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_281d | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with indicates to the ARFCN_list={773,775,779} of cell allocation A. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '03'O | |
| mac_8n | '00000000'B | |
| mac_7n | '00000111'B | |
| mac_6n | '00000000'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_281e | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping sequence with EGSM frequencies. The frequencies which are used in the mobile hopping sequence are {0, 80, 1005, 1010}. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '01'O | |
| mac_8n | '10111000'B | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_281e2 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with indicates to the ARFCN_list={20,66,78} of E-GSM cell allocation with ARFCN_List={20,40,66,73,74,75,76,77,78,79,108,114} | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | '00000001'B | |
| mac_7n | '00000101'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_282 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with indicates to the Complete Cell Allocation of cell A with except for BCCH-f | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111111'B | |
| mac_6n | '11111011'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_20_B1 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with 1111 1111 1111 1111 ARFCN_list={14,18,22,24,30,31,38,40,60,66,73,74,75,76,108,114}. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | '11111111'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_20_B1iei | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with 1111 1111 1111 1111 ARFCN_list={14,18,22,24,30,31,38,40,60,66,73,74,75,76,108,114}. | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '02'O | |
| mac_8n | '11111111'B | |
| mac_7n | '11111111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | MoblAllc_20_Be1(par_ma: BITSTRING) | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with par_ma | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '01'O | |
| mac_8n | par_ma | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_20_Be2(par_ma1: BITSTRING; par_ma2: BITSTRING) | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with par_ma1 and par_ma2 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| mac_8n | par_ma1 | |
| mac_7n | par_ma2 | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_20_Be2iei(par_ma1: BITSTRING; par_ma2: BITSTRING) | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with par_ma1 and par_ma2 | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '02'O | |
| mac_8n | par_ma1 | |
| mac_7n | par_ma2 | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_20_A2 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with 1000 0000 0000 0000 indicates from default Cell Allocation of HO cases with the ARFCN_List={10,17,20,26,34,42,45,46,52,59,66,73,74,75,76,108,114} the ARFCN_list={114} | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '00000000'B | |
| mac_6n | '00000000'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_20_A3 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | hopping with 0000 0001 1111 1110 1111 1011 indicates all of the frequencies in CA of cell A ARFCN_list={10,17,20,26,34,42,45,46,52,59,66,73,74,75,76,108,114} with except for the BCCH frequency 20 and 52. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '03'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11111110'B | |
| mac_6n | '11111011'B | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | MoblAllc_omit | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OMIT | |
| mac_8n | OMIT | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | MoblAllc_r01 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '02'O | |
| mac_8n | '00000011'B | |
| mac_7n | '11111101'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | MoblAllc_r02 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '02'O | |
| mac_8n | '00000011'B | |
| mac_7n | '11100011'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | MoblAllc_r03 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01. | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iel | '01'O | |
| mac_8n | '00000001'B | |
| mac_7n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | MoblAllc_r04 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '02'O | |
| mac_8n | '00000001'B | |
| mac_7n | '11000111'B | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r05 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01. | |
| Comments: | used in TC_26_6_13_1 for immediate assignment command | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '01'O | |
| mac_8n | TSPX_Ma1 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | MoblAllc_r06 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_1 after time | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '01'O | |
| mac_8n | TSPX_Ma2 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | MoblAllc_r07 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_1 before time | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '01'O | |
| mac_8n | TSPX_Ma3 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MobilAllc_r08 | |
| Structured Type: | MA | |
| Derivation Path: | MobilAllc_r01.MobilAllc_r05. | |
| Comments: | used in TC_26_6_13_2 for immediate assignment command | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma4 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | MobilAllc_r09 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_2 after time | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '01'O | |
| mac_8n | TSPX_Ma5 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MobilAllc_r10 | |
| Structured Type: | MA | |
| Derivation Path: | MobilAllc_r01.MobilAllc_r05. | |
| Comments: | used in TC_26_6_13_3 for immediate assignment | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma6 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MobilAllc_r11 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_3 for frequency redefinition | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '01'O | |
| mac_8n | TSPX_Ma7 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_r12 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_3 for assignment command after time | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '01'O | |
| mac_8n | TSPX_Ma8 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r13 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_3 for assignment command before time | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '01'O | |
| mac_8n | TSPX_Ma9 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r14 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_4 for immediate assignment | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma10 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r15 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_4 for frequency redefinition | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma11 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_r16 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_4 for assignment command after time | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '01'O | |
| mac_8n | TSPX_Ma12 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r17 | |
| Structured Type: | MA | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_4 for assignment command before time | |
| Element Name | Element Value | Comments |
| iei | '01110010'B | |
| iel | '01'O | |
| mac_8n | TSPX_Ma13 | |
| mac_7n | OMIT | |
| mac_6n | OMIT | |
| mac_5n | OMIT | |
| mac_4n | OMIT | |
| mac_3n | OMIT | |
| mac_2n | OMIT | |
| mac_1n | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r18 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_5 for immediate assignment | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma14 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r20 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_5 for handover before time | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma16 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r21 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_6 for immediate assignment | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma17 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_r22 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_6 for handover after time | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma18 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r23 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_6 for handover before time | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma19 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r24 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_7 for immediate assignment | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma20 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r25 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_7 for frequency redefinition | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma21 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|-----------------|
| Constraint Name: | MoblAllc_r26 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_7 for HANDOVER COMMAND after time | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma22 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|-----------------|
| Constraint Name: | MoblAllc_r27 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_7 for HANDOVER COMMAND before time | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma23 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|-----------------|
| Constraint Name: | MoblAllc_r28 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_8 for immediate assignment | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma24 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|-----------------|
| Constraint Name: | MoblAllc_r29 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_8 for frequency redefinition | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma25 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|-----------------|
| Constraint Name: | MoblAllc_r30 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_8 for HANDOVER COMMAND after time | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma26 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r31 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_8 for HANDOVER COMMAND before time | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma27 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MoblAllc_r32 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_9 for immediate assignment | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma28 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MoblAllc_r33 | |
| Structured Type: | MA | |
| Derivation Path: | MoblAllc_r01.MoblAllc_r05. | |
| Comments: | used in TC_26_6_13_10 for immediate assignment | |
| Element Name | Element Value | Comments |
| mac_8n | TSPX_Ma30 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MsrResult_01 | |
| Structured Type: | MSRR | |
| Derivation Path: | | |
| Comments: | A measurement results IE containing no measurement results. | |
| Element Name | Element Value | Comments |
| ba_used | '1'B | |
| dtx_used | '0'B | |
| rxlev_fsc | ? | |
| spr1 | '0'B | |
| meas_valid | '0'B | |
| rxlev_ssc | ? | |
| spr2 | '0'B | |
| rxqual_fsc | ? | |
| rxqual_ssc | ? | |
| no_nc | '000'B | |
| rxlev_nc1 | '000000'B | |
| bcchfrq_nc1 | '00000'B | |
| bsic_nc1 | '000000'B | |
| rxlev_nc2 | '000000'B | |
| bcchfrq_nc2 | '00000'B | |
| bsic_nc2 | '000000'B | |
| rxlev_nc3 | '000000'B | |
| bcchfrq_nc3 | '00000'B | |
| bsic_nc3 | '000000'B | |
| rxlev_nc4 | '000000'B | |
| bcchfrq_nc4 | '00000'B | |
| bsic_nc4 | '000000'B | |
| rxlev_nc5 | '000000'B | |
| bcchfrq_nc5 | '00000'B | |
| bsic_nc5 | '000000'B | |
| rxlev_nc6 | '000000'B | |
| bcchfrq_nc6 | '00000'B | |
| bsic_nc6 | '000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MsrResult_02 | |
| Structured Type: | MSRR | |
| Derivation Path: | | |
| Comments: | A measurement results IE matching any value. | |
| Element Name | Element Value | Comments |
| ba_used | ? | |
| dtx_used | '0'B | |
| rxlev_fsc | ? | |
| spr1 | '0'B | |
| meas_valid | ? | |
| rxlev_ssc | ? | |
| spr2 | '0'B | |
| rxqual_fsc | ? | |
| rxqual_ssc | ? | |
| no_nc | ? | |
| rxlev_nc1 | * | |
| bcchfrq_nc1 | * | |
| bsic_nc1 | * | |
| rxlev_nc2 | * | |
| bcchfrq_nc2 | * | |
| bsic_nc2 | * | |
| rxlev_nc3 | * | |
| bcchfrq_nc3 | * | |
| bsic_nc3 | * | |
| rxlev_nc4 | * | |
| bcchfrq_nc4 | * | |
| bsic_nc4 | * | |
| rxlev_nc5 | * | |
| bcchfrq_nc5 | * | |
| bsic_nc5 | * | |
| rxlev_nc6 | * | |
| bcchfrq_nc6 | * | |
| bsic_nc6 | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MsrResult_03 | |
| Structured Type: | MSRR | |
| Derivation Path: | | |
| Comments: | A measurement results IE containing 6 measurement results. | |
| Element Name | Element Value | Comments |
| ba_used | '1'B | |
| dtx_used | '0'B | |
| rxlev_fsc | ? | |
| spr1 | '0'B | |
| meas_valid | '0'B | |
| rxlev_ssc | ? | |
| spr2 | '0'B | |
| rxqual_fsc | ? | |
| rxqual_ssc | ? | |
| no_nc | '110'B | |
| rxlev_nc1 | ? | |
| bcchfrq_nc1 | ? | |
| bsic_nc1 | ? | |
| rxlev_nc2 | ? | |
| bcchfrq_nc2 | ? | |
| bsic_nc2 | ? | |
| rxlev_nc3 | ? | |
| bcchfrq_nc3 | ? | |
| bsic_nc3 | ? | |
| rxlev_nc4 | ? | |
| bcchfrq_nc4 | ? | |
| bsic_nc4 | ? | |
| rxlev_nc5 | ? | |
| bcchfrq_nc5 | ? | |
| bsic_nc5 | ? | |
| rxlev_nc6 | ? | |
| bcchfrq_nc6 | ? | |
| bsic_nc6 | ? | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MsrResult_03e1 | |
| Structured Type: | MSRR | |
| Derivation Path: | | |
| Comments: | A measurement results IE containing 6 measurement results for EGSM. | |
| Element Name | Element Value | Comments |
| ba_used | '1'B | |
| dtx_used | '0'B | |
| rxlev_fsc | ? | |
| spr1 | '0'B | |
| meas_valid | '0'B | |
| rxlev_ssc | ? | |
| spr2 | '0'B | |
| rxqual_fsc | ? | |
| rxqual_ssc | ? | |
| no_nc | '110'B | |
| rxlev_nc1 | ? | |
| bcchfrq_nc1 | '00001'B | |
| bsic_nc1 | '001011'B | |
| rxlev_nc2 | ? | |
| bcchfrq_nc2 | '00010'B | |
| bsic_nc2 | '001111'B | |
| rxlev_nc3 | ? | |
| bcchfrq_nc3 | '00100'B | |
| bsic_nc3 | '001101'B | |
| rxlev_nc4 | ? | |
| bcchfrq_nc4 | '00101'B | |
| bsic_nc4 | '001001'B | |
| rxlev_nc5 | ? | |
| bcchfrq_nc5 | '00110'B | |
| bsic_nc5 | '001111'B | |
| rxlev_nc6 | ? | |
| bcchfrq_nc6 | '00111'B | |
| bsic_nc6 | '001101'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MsrResult_03e2 | |
| Structured Type: | MSRR | |
| Derivation Path: | | |
| Comments: | A measurement results IE containing 6 measurement results for EGSM. | |
| Element Name | Element Value | Comments |
| ba_used | '1'B | |
| dtx_used | '0'B | |
| rxlev_fsc | ? | |
| spr1 | '0'B | |
| meas_valid | '0'B | |
| rxlev_ssc | ? | |
| spr2 | '0'B | |
| rxqual_fsc | ? | |
| rxqual_ssc | ? | |
| no_nc | '110'B | |
| rxlev_nc1 | ? | |
| bcchfrq_nc1 | '00010'B | |
| bsic_nc1 | '001011'B | |
| rxlev_nc2 | ? | |
| bcchfrq_nc2 | '00011'B | |
| bsic_nc2 | '001111'B | |
| rxlev_nc3 | ? | |
| bcchfrq_nc3 | '00100'B | |
| bsic_nc3 | '001101'B | |
| rxlev_nc4 | ? | |
| bcchfrq_nc4 | '00101'B | |
| bsic_nc4 | '001001'B | |
| rxlev_nc5 | ? | |
| bcchfrq_nc5 | '00110'B | |
| bsic_nc5 | '001111'B | |
| rxlev_nc6 | ? | |
| bcchfrq_nc6 | '00001'B | |
| bsic_nc6 | '001100'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MsrResult_03e3 | |
| Structured Type: | MSRR | |
| Derivation Path: | | |
| Comments: | A measurement results IE containing 6 measurement results for EGSM. | |
| Element Name | Element Value | Comments |
| ba_used | '1'B | |
| dtx_used | '0'B | |
| rxlev_fsc | ? | |
| spr1 | '0'B | |
| meas_valid | '0'B | |
| rxlev_ssc | ? | |
| spr2 | '0'B | |
| rxqual_fsc | ? | |
| rxqual_ssc | ? | |
| no_nc | '110'B | |
| rxlev_nc1 | ? | |
| bcchfrq_nc1 | '00010'B | |
| bsic_nc1 | '001011'B | |
| rxlev_nc2 | ? | |
| bcchfrq_nc2 | '00011'B | |
| bsic_nc2 | '001111'B | |
| rxlev_nc3 | ? | |
| bcchfrq_nc3 | '00110'B | |
| bsic_nc3 | '001001'B | |
| rxlev_nc4 | ? | |
| bcchfrq_nc4 | '01000'B | |
| bsic_nc4 | '001111'B | |
| rxlev_nc5 | ? | |
| bcchfrq_nc5 | '01000'B | |
| bsic_nc5 | '001101'B | |
| rxlev_nc6 | ? | |
| bcchfrq_nc6 | '00001'B | |
| bsic_nc6 | '001100'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MsrResult_03e4 | |
| Structured Type: | MSRR | |
| Derivation Path: | | |
| Comments: | A measurement results IE containing 6 measurement results for EGSM. | |
| Element Name | Element Value | Comments |
| ba_used | '1'B | |
| dtx_used | '0'B | |
| rxlev_fsc | ? | |
| spr1 | '0'B | |
| meas_valid | '0'B | |
| rxlev_ssc | ? | |
| spr2 | '0'B | |
| rxqual_fsc | ? | |
| rxqual_ssc | ? | |
| no_nc | '110'B | |
| rxlev_nc1 | ? | |
| bcchfrq_nc1 | '00010'B | |
| bsic_nc1 | '001011'B | |
| rxlev_nc2 | ? | |
| bcchfrq_nc2 | '00011'B | |
| bsic_nc2 | '001111'B | |
| rxlev_nc3 | ? | |
| bcchfrq_nc3 | '00110'B | |
| bsic_nc3 | '001101'B | |
| rxlev_nc4 | ? | |
| bcchfrq_nc4 | '00111'B | |
| bsic_nc4 | '001001'B | |
| rxlev_nc5 | ? | |
| bcchfrq_nc5 | '01000'B | |
| bsic_nc5 | '001111'B | |
| rxlev_nc6 | ? | |
| bcchfrq_nc6 | '00001'B | |
| bsic_nc6 | '001100'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MsrResult_03e5 | |
| Structured Type: | MSRR | |
| Derivation Path: | | |
| Comments: | A measurement results IE containing 6 measurement results for EGSM. | |
| Element Name | Element Value | Comments |
| ba_used | '1'B | |
| dtx_used | '0'B | |
| rxlev_fsc | ? | |
| spr1 | '0'B | |
| meas_valid | '0'B | |
| rxlev_ssc | ? | |
| spr2 | '0'B | |
| rxqual_fsc | ? | |
| rxqual_ssc | ? | |
| no_nc | '110'B | |
| rxlev_nc1 | ? | |
| bcchfrq_nc1 | '00010'B | |
| bsic_nc1 | '001011'B | |
| rxlev_nc2 | ? | |
| bcchfrq_nc2 | '00011'B | |
| bsic_nc2 | '001111'B | |
| rxlev_nc3 | ? | |
| bcchfrq_nc3 | '00101'B | |
| bsic_nc3 | '001101'B | |
| rxlev_nc4 | ? | |
| bcchfrq_nc4 | '00110'B | |
| bsic_nc4 | '001001'B | |
| rxlev_nc5 | ? | |
| bcchfrq_nc5 | '00111'B | |
| bsic_nc5 | '001111'B | |
| rxlev_nc6 | ? | |
| bcchfrq_nc6 | '00001'B | |
| bsic_nc6 | '001100'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MsrResult_04 | |
| Structured Type: | MSRR | |
| Derivation Path: | MsrResult_03. | |
| Comments: | A measurement results IE containing 4 measurement results. | |
| Element Name | Element Value | Comments |
| no_nc | '100'B | |
| rxlev_nc5 | '000000'B | |
| bcchfrq_nc5 | '00000'B | |
| bsic_nc5 | '000000'B | |
| rxlev_nc6 | '000000'B | |
| bcchfrq_nc6 | '00000'B | |
| bsic_nc6 | '000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MsrResult_04e | |
| Structured Type: | MSRR | |
| Derivation Path: | MsrResult_03. | |
| Comments: | A measurement results IE containing 3 measurement results for EGSM | |
| Element Name | Element Value | Comments |
| no_nc | '100'B | |
| rxlev_nc1 | ? | |
| bcchfrq_nc1 | '00001'B | |
| bsic_nc1 | '001011'B | |
| rxlev_nc2 | ? | |
| bcchfrq_nc2 | '00011'B | |
| bsic_nc2 | '001101'B | |
| rxlev_nc3 | ? | |
| bcchfrq_nc3 | '00110'B | |
| bsic_nc3 | '001001'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MsrResult_05 | |
| Structured Type: | MSRR | |
| Derivation Path: | MsrResult_03. | |
| Comments: | A measurement results IE containing 6 measurement results and DTX was used. | |
| Element Name | Element Value | Comments |
| dtx_used | '1'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | MsrResult_06 | |
| Structured Type: | MSRR | |
| Derivation Path: | MsrResult_03. | |
| Comments: | A measurement results IE containing 6 measurement results and DTX is not checked. | |
| Element Name | Element Value | Comments |
| dtx_used | ? | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | MsrResult_07 | |
| Structured Type: | MSRR | |
| Derivation Path: | MsrResult_03. | |
| Comments: | A measurement results IE containing 2 measurement results. | |
| Element Name | Element Value | Comments |
| ba_used | '1'B | |
| dtx_used | '0'B | |
| rxlev_fsc | ? | |
| spr1 | '0'B | |
| meas_valid | '0'B | |
| rxlev_ssc | ? | |
| spr2 | '0'B | |
| rxqual_fsc | ? | |
| rxqual_ssc | ? | |
| no_nc | '010'B | |
| rxlev_nc1 | ? | |
| bcchfrq_nc1 | ? | |
| bsic_nc1 | ? | |
| rxlev_nc2 | ? | |
| bcchfrq_nc2 | ? | |
| bsic_nc2 | ? | |
| rxlev_nc3 | '000000'B | |
| bcchfrq_nc3 | '00000'B | |
| bsic_nc3 | '000000'B | |
| rxlev_nc4 | '000000'B | |
| bcchfrq_nc4 | '00000'B | |
| bsic_nc4 | '000000'B | |
| rxlev_nc5 | '000000'B | |
| bcchfrq_nc5 | '00000'B | |
| bsic_nc5 | '000000'B | |
| rxlev_nc6 | '000000'B | |
| bcchfrq_nc6 | '00000'B | |
| bsic_nc6 | '000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Mtdif_01 | |
| Structured Type: | MTDIF | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '01110111'B | |
| iel | '03'O | |
| value | (OC_IntToOct(((2*TSPX_k + TSPX_y) MOD 2097152)-2), 3), OC_IntToOct(((2*TSPX_k + TSPX_y) MOD 2097152)-1), 3), OC_IntToOct(((2*TSPX_k + TSPX_y) MOD 2097152), 3), OC_IntToOct(((2*TSPX_k + TSPX_y) MOD 2097152)+1), 3), OC_IntToOct(((2*TSPX_k + TSPX_y) MOD 2097152)+2), 3)) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Mtdif_02 | |
| Structured Type: | MTDIF | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '01110111'B | |
| iel | '03'O | |
| value | (OC_IntToOct(((2*TSPX_k2 + TSPX_y2) MOD 2097152)-2), 3), OC_IntToOct(((2*TSPX_k2 + TSPX_y2) MOD 2097152)-1), 3), OC_IntToOct(((2*TSPX_k2 + TSPX_y2) MOD 2097152), 3), OC_IntToOct(((2*TSPX_k2 + TSPX_y2) MOD 2097152)+1), 3), OC_IntToOct(((2*TSPX_k2 + TSPX_y2) MOD 2097152)+2), 3)) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Mtdif_03 | |
| Structured Type: | MTDIF | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '01110111'B | |
| iel | '03'O | |
| value | (OC_IntToOct(((2*TSPX_k3 + TSPX_y3) MOD 2097152)-2), 3), OC_IntToOct(((2*TSPX_k3 + TSPX_y3) MOD 2097152)-1), 3), OC_IntToOct(((2*TSPX_k3 + TSPX_y3) MOD 2097152), 3), OC_IntToOct(((2*TSPX_k3 + TSPX_y3) MOD 2097152)+1), 3), OC_IntToOct(((2*TSPX_k3 + TSPX_y3) MOD 2097152)+2), 3)) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | Pcmd_19(powerlevel:BITSTRING) | |
| Structured Type: | PCMD | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| sprb | '000'B | |
| pl | powerlevel | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Pcmd_20(powerlevel:BITSTRING) | |
| Structured Type: | PCMD | |
| Derivation Path: | | |
| Comments: | PowerCmd used in synchronized and non synchronized HO cases. | |
| Element Name | Element Value | Comments |
| sprb | '011'B | |
| pl | powerlevel | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | PiSi_01 | |
| Structured Type: | PI_SI | |
| Derivation Path: | | |
| Comments: | calling party BCD number with arbitrary spare bits | |
| Element Name | Element Value | Comments |
| extb | '1'B | |
| pi | '00'B | |
| sp3b | '110'B | |
| si | '00'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------|----------|
| Constraint Name: | Pm_01 | |
| Structured Type: | PM | |
| Derivation Path: | | |
| Comments: | normal paging mode | |
| Element Name | Element Value | Comments |
| sprb | '00'B | |
| pgm | '00'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Pm_02 | |
| Structured Type: | PM | |
| Derivation Path: | Pm_01. | |
| Comments: | normal paging mode with arbitrary spare bits. | |
| Element Name | Element Value | Comments |
| sprb | '11'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------|----------|
| Constraint Name: | Pm_03 | |
| Structured Type: | PM | |
| Derivation Path: | | |
| Comments: | extended paging mode | |
| Element Name | Element Value | Comments |
| sprb | '00'B | |
| pgm | '01'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------|----------|
| Constraint Name: | Pm_04 | |
| Structured Type: | PM | |
| Derivation Path: | | |
| Comments: | paging re-organization mode | |
| Element Name | Element Value | Comments |
| sprb | '00'B | |
| pgm | '10'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------|----------|
| Constraint Name: | Pm_05 | |
| Structured Type: | PM | |
| Derivation Path: | | |
| Comments: | same as before mode | |
| Element Name | Element Value | Comments |
| sprb | '00'B | |
| pgm | '11'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ProcessUSSData_02(Invkid :OCTETSTRING; prevbits: OCTETSTRING; follbits: OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | Return Result for Process Unstructured SS Data | |
| Element Name | Element Value | Comments |
| comp_part1 | prevbits | |
| invokeld | Invkid | |
| comp_part2 | follbits | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ProcessUSSRequest_02(Invkid :OCTETSTRING; prevbits: OCTETSTRING; follbits: OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | Reject or Return Error for Process Unstructured SS request | |
| Element Name | Element Value | Comments |
| comp_part1 | prevbits | |
| invokeld | Invkid | |
| comp_part2 | follbits | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ProgInd_01 | |
| Structured Type: | PI | |
| Derivation Path: | | |
| Comments: | Progress Indicator with progress description #8 (inband info now available) | |
| Element Name | Element Value | Comments |
| iei | '00011110'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '1'B | |
| loc | '1000'B | |
| extb4 | '1'B | |
| prd | '0001000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ProgInd_02 | |
| Structured Type: | PI | |
| Derivation Path: | | |
| Comments: | Progress Indicator containing progress indicator #4. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| loc | '0001'B | |
| extb4 | '1'B | |
| prd | '0000100'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ProgInd_03 | |
| Structured Type: | PI | |
| Derivation Path: | | |
| Comments: | Progress Indicator containing progress indicator #8. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| loc | '0001'B | |
| extb4 | '1'B | |
| prd | '0001000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | ProgInd_03iei | |
| Structured Type: | PI | |
| Derivation Path: | | |
| Comments: | Progress Indicator containing progress indicator #8. | |
| Element Name | Element Value | Comments |
| iei | '00011110'B | |
| iel | '02'O | |
| extb3 | '1'B | |
| cs | '11'B | |
| spb | '0'B | |
| loc | '0001'B | |
| extb4 | '1'B | |
| prd | '0001000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RachCntrlPara(maxtx:B_2; txint:B_4; re:B_1) | |
| Structured Type: | RACHCP | |
| Derivation Path: | | |
| Comments: | Default value for L 3 testing. | |
| Element Name | Element Value | Comments |
| maxrtx | maxtx | |
| txint | txint | |
| cba | '0'B | |
| re | re | |
| acc_2 | '00000'B | |
| ec | '0'B | |
| acc_1 | '0000000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | RachCntrlPara_01 | |
| Structured Type: | RACHCP | |
| Derivation Path: | | |
| Comments: | Default value for L 3 testing. | |
| Element Name | Element Value | Comments |
| maxrtx | '00'B | |
| txint | '0010'B | |
| cba | '0'B | |
| re | '0'B | |
| acc_2 | '00000'B | |
| ec | '0'B | |
| acc_1 | '0000000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RachCntrlPara_04 | |
| Structured Type: | RACHCP | |
| Derivation Path: | | |
| Comments: | value for GSM cell 8 and DCS cell 7 in idle mode test group. (defined in 26.3.1 of GSM 11.10) | |
| Element Name | Element Value | Comments |
| maxrtx | '01'B | |
| txint | '0111'B | |
| cba | '0'B | |
| re | '1'B | |
| acc_2 | '00000'B | |
| ec | '0'B | |
| acc_1 | '0000000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RachCntrlPara_05 | |
| Structured Type: | RACHCP | |
| Derivation Path: | RachCntrlPara_04. | |
| Comments: | value for GSM cell 1-7 and DCS cell 1-6 in idle mode test group. (defined in 26.3.1 of GSM 11.10) | |
| Element Name | Element Value | Comments |
| cba | '1'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RachCntrlPara_r01 | |
| Structured Type: | RACHCP | |
| Derivation Path: | | |
| Comments: | Call reestablishment is not allowed in the cell. | |
| Element Name | Element Value | Comments |
| maxrtx | '00'B | |
| txint | '0010'B | |
| cba | '0'B | |
| re | '1'B | |
| acc_2 | '00000'B | |
| ec | '0'B | |
| acc_1 | '0000000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RegisterSSRslt_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A21F0201'O | |
| invokeld | id | |
| comp_part2 | '301B02010AA01604012A3011300F8301 10840107850491342143870105'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RegisterSSRslt_02(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2800201'O | |
| invokeld | id | |
| comp_part2 | '308002010AA0800401213080308083016 08401078504913421430000000000000 000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--|---------------|----------|
| Constraint Name: RegisterSSErr_01(id:OCTETSTRING) | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A3060201'O | |
| invokeld | id | |
| comp_part2 | '02010A'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--|---------------|----------|
| Constraint Name: RegisterSSRej_01(id:OCTETSTRING) | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A4800201'O | |
| invokeld | id | |
| comp_part2 | '8101030000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | RegPasswdSSRslt_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2800201'O | |
| invokeld | id | |
| comp_part2 | '308002011112043938373600000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | RegPasswdSSErr_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A3060201'O | |
| invokeld | id | |
| comp_part2 | '020113'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | RegPasswdSSErr_02(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A3800201'O | |
| invokeld | id | |
| comp_part2 | '0201260000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | RegPasswdSSErr_03(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A3090201'O | |
| invokeld | id | |
| comp_part2 | '0201250A0102'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | SerialNumber_01 | |
| Structured Type: | SERIAL_NUMBER | |
| Derivation Path: | | |
| Comments: | Serial number for first SMSCB, GSM 3.41, 9.3.2 | |
| Element Name | Element Value | Comments |
| gs | '00'B | |
| message_code | '0000000000'B | |
| update_number | '0000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | SerialNumber_02 | |
| Structured Type: | SERIAL_NUMBER | |
| Derivation Path: | | |
| Comments: | Serial number for second SMSCB, GSM 3.41, 9.3.2 | |
| Element Name | Element Value | Comments |
| gs | '00'B | |
| message_code | '0000000001'B | |
| update_number | '0000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | SerialNumber_03 | |
| Structured Type: | SERIAL_NUMBER | |
| Derivation Path: | | |
| Comments: | Serial number for third SMSCB, same message code as second SMSCB but updated GSM 3.41, 9.3.2 | |
| Element Name | Element Value | Comments |
| gs | '00'B | |
| message_code | '0000000001'B | |
| update_number | '0001'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | USSDRReq_01(Invkid :OCTETSTRING; prevbits: OCTETSTRING; follbits: OCTETSTRING; ussdString: IA5String) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | ReturnResult for Process Unstructured SS request | |
| Element Name | Element Value | Comments |
| comp_part1 | prevbits | |
| invokeld | Invkid | |
| comp_part2 | follbits | |
| comp_part3 | OC_CodingOfUssdString(ussdString) | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | USSDReq_03(Invkid :OCTETSTRING; ussdstring: IA5String) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | Invoke for UnstructuredSS-Request | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A11E0201'O | |
| invokeld | Invkid | |
| comp_part2 | '02013C0F'O | |
| comp_part3 | OC_CodingOfUssdString(ussdstring) | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | USSDReq_06(Invkid :OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | Unstructured SS - Request | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2030201'O | |
| invokeld | Invkid | |
| comp_part2 | OMIT | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--|---|----------|
| Constraint Name: EraseSSRslt_01(id:OCTETSTRING) | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A21D0201'O | |
| invokeld | id | |
| comp_part2 | '301802010BA08004012830803080830160840104000000000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--|---------------------------------------|----------|
| Constraint Name: EraseSSRslt_02(id:OCTETSTRING) | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2140201'O | |
| invokeld | id | |
| comp_part2 | '300F02010BA00A04012B30053003840104'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | EraseSSErr_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A3060201'O | |
| invokeld | id | |
| comp_part2 | '02010B'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | EraseSSRej_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A4800201'O | |
| invokeld | id | |
| comp_part2 | '8101030000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ActivateSSRslt_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | CF all synchronous services | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2800201'O | |
| invokeld | id | |
| comp_part2 | '301402010CA0800401203008300682016884010700000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ActivateSSRslt_02(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | CFU all basic services | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2180201'O | |
| invokeld | id | |
| comp_part2 | '308002010CA0800401213005300384010700000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ActivateSSRslt_03(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | BAOC all synchronous services | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A21B0201'O | |
| invokeld | id | |
| comp_part2 | '308002010CA1800401923008300682016884010700000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | ActivateSSRslt_04(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | BICRoam for all basic service groups. | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2180201'O | |
| invokeld | id | |
| comp_part2 | '301302010CA10E04019B3080308084010700000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | ActivateSSErr_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | BOIC | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A3060201'O | |
| invokeld | id | |
| comp_part2 | '020113'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | ActivateSSErr_02(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | BOIC | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A3800201'O | |
| invokeld | id | |
| comp_part2 | '0201260000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | DeactivateSSRslt_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | CFC speech | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A21B0201'O | |
| invokeld | id | |
| comp_part2 | '301602010DA080040128308030068301108401060000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | DeactivateSSRslt_02(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | CFNRc all facsimile | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2190201'O | |
| invokeld | id | |
| comp_part2 | '301402010DA00F04012B300A30808301608401060000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | DeactivateSSRslt_03(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | DeactivateSSRslt for Speech | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2800201'O | |
| invokeld | id | |
| comp_part2 | '300C02010DA107300530038301100000' | |
| | O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | DeactivateSSRslt_04(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | DeactivateSSRslt for all facsimile | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2800201'O | |
| invokeld | id | |
| comp_part2 | '300C02010DA107300530038301600000' | |
| | O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | DeactivateSSErr_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A3800201'O | |
| invokeld | id | |
| comp_part2 | '0201130000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | DeactivateSSErr_02(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A3060201'O | |
| invokeld | id | |
| comp_part2 | '020126'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_01 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C8102003C8202 008C83020064840200FA8502000086020 000870202580000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_02 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C810200008202 000083020064840203E88502000086020 000870200000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---------------------------------------|---|----------|
| Constraint Name: FwdChAdvSS_03 | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: AoC- Charging | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C810209C48202 00A0830200C8840213888502000086020 000870202580000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---------------------------------------|---|----------|
| Constraint Name: FwdChAdvSS_04 | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: AoC- Charging | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C8102000A8202 000A83020064840200008502006486020 00A8702000A0000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_05 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C8102007D8202 012C83020064840200FA8502006486020 00A8702012C0000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_06 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C810200008202 000083020000840200008502000086020 000870200000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---------------------------------------|---|----------|
| Constraint Name: FwdChAdvSS_07 | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: AoC- Charging | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C810200008202 000083020064840203E88502000086020 000870200000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---------------------------------------|---|----------|
| Constraint Name: FwdChAdvSS_08 | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: AoC- Charging | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C8102003C8202 008C83020064840200FA8502000086020 000870202580000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_09 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C8102000A8202 000A83020064840200008502000086020 0008702000A0000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_10 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C8102007D8202 012C83020064840200FA8502000086020 0008702012C0000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---------------------------------------|---|----------|
| Constraint Name: FwdChAdvSS_11 | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: AoC- Charging | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C810200648202 011883020064840200648502000086020 000870202580000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---------------------------------------|---|----------|
| Constraint Name: FwdChAdvSS_12 | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: AoC- Charging | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C810200648202 008C83020064840200328502000086020 000870202580000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_13 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C810200648202 019083020064840200008502000086020 000870200000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_14 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A11B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3013800172A1808102006482020 190830200640000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_15 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C810200468202 019083020064840200008502000086020 000870200000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_16 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C810200828202 019083020064840200008502000086020 000870200000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_17 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C810200BE8202 019083020064840200008502000086020 000870200000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | FwdChAdvSS_18 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | AoC- Charging | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A12B0201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3080800172A11C810201228202 019083020064840200008502000086020 000870200000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---------------------------------------|---|----------|
| Constraint Name: FwdChAdvSS_19 | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: AoC- Charging | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A1800201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3021800172A11C810200648202 022683020064840200648502000086020 000870200640000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|---------------------------------------|---|----------|
| Constraint Name: FwdChAdvSS_20 | | |
| Structured Type: Component_T | | |
| Derivation Path: | | |
| Comments: AoC- Charging | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A1800201'O | |
| invokeld | '00'O | |
| comp_part2 | '02017D3021800172A11C8102000A8202 012C83020064840200008502000086020 000870200000000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | GetPasswdSS_01(linkid:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | getpassword | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A10C0201'O | |
| invokeld | '00'O | |
| comp_part2 | '8001'O | |
| comp_part3 | linkid | |
| comp_part4 | '0201120A0100'O | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | GetPasswdSS_02(linkid:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | getpassword (enter new password) | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A10C0201'O | |
| invokeld | '00'O | |
| comp_part2 | '8001'O | |
| comp_part3 | linkid | |
| comp_part4 | '0201120A0101'O | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | GetPasswdSS_03(linkid:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | getpassword (enter new password again) | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A10C0201'O | |
| invokeld | '00'O | |
| comp_part2 | '8001'O | |
| comp_part3 | linkid | |
| comp_part4 | '0201120A0102'O | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | InterrogateSSRslit_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | CFB all basic services | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A20D0201'O | |
| invokeld | id | |
| comp_part2 | '308002010E8001040000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | InterrogateSSRslt_02(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | CFNRy Speech | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2180201'O | |
| invokeld | id | |
| comp_part2 | '301302010EA30E300C83011184010785 0491342143'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | InterrogateSSRslt_03(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | BAIC | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A20D0201'O | |
| invokeld | id | |
| comp_part2 | '300802010EA203830111'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | InterrogateSSRslt_04(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | BAIC | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A20B0201'O | |
| invokeld | id | |
| comp_part2 | '300602010E800107'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | InterrogateSSErr_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | CFNRc | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A3060201'O | |
| invokeld | id | |
| comp_part2 | '020112'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | InterrogateSSErr_02(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A3800201'O | |
| invokeld | id | |
| comp_part2 | '0201120000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | InterrogateSSRej_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A4800201'O | |
| invokeld | id | |
| comp_part2 | '8101030000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | InterrogateSSRej_02(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A4060201'O | |
| invokeld | id | |
| comp_part2 | '810103'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | NotificationSS_01 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | incoming call forwarded. | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A1100201'O | |
| invokeld | '01'O | |
| comp_part2 | '02011030808101298501020000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | NotificationSS_02 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | CFU provisioned, registered and active | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A1800201'O | |
| invokeld | '00'O | |
| comp_part2 | '02011030068101218401070000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | NotificationSS_03 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | CFC provisioned, registered and active | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A1100201'O | |
| invokeld | '01'O | |
| comp_part2 | '02011030808101288401070000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | NotificationSS_04 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | CFNRc forwarded call | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A1800201'O | |
| invokeld | '00'O | |
| comp_part2 | '020110300681012B8501010000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | NotificationSS_05 | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | BI | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A10E0201'O | |
| invokeld | '00'O | |
| comp_part2 | '0201103006810199840107'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | NotificationSS_06(Invkid :OCTETSTRING; ussdstring: IA5String) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | UnstructuredSS-Notify | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A1140201'O | |
| invokeld | Invkid | |
| comp_part2 | '02013D0F'O | |
| comp_part3 | OC_CodingOfUssdString(ussdstring) | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | NotificationSS_08(Invkid :OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | UnstructuredSS-Notify | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2030201'O | |
| invokeld | Invkid | |
| comp_part2 | OMIT | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | BuildMptySSRslt_01(id:OCTETSTRING) | |
| Structured Type: | Component_T | |
| Derivation Path: | | |
| Comments: | ReturnResult for buildMPTY | |
| Element Name | Element Value | Comments |
| comp_part1 | 'A2800201'O | |
| invokeld | id | |
| comp_part2 | '0000'O | |
| comp_part3 | OMIT | |
| comp_part4 | OMIT | |
| comp_part5 | OMIT | |
| comp_part6 | OMIT | |
| comp_part7 | OMIT | |
| comp_part8 | OMIT | |
| comp_part9 | OMIT | |
| comp_part10 | OMIT | |
| comp_part11 | OMIT | |
| comp_part12 | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RelTmdDif_01 | |
| Structured Type: | TDIF | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '01111011'B | |
| iel | '01'O | |
| value | OC_IntToOct(((2*TSPX_k2 + 10) MOD 256), 1) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | Rqr1(Rr: BITSTRING; Fn: FN) | |
| Structured Type: | RQR | |
| Derivation Path: | | |
| Comments: | not address the MS under test | |
| Element Name | Element Value | Comments |
| ra | INT_TO_BIT((BIT_TO_INT(Rr) + 1), 8) | |
| fn | OC_FnInc(Fn, 2) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | Rqr2(Rr: BITSTRING; Fn: FN) | |
| Structured Type: | RQR | |
| Derivation Path: | | |
| Comments: | To address the MS under test | |
| Element Name | Element Value | Comments |
| ra | Rr | |
| fn | Fn | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | Rqr3 | |
| Structured Type: | RQR | |
| Derivation Path: | | |
| Comments: | not pertaining to the MS under test | |
| Element Name | Element Value | Comments |
| ra | '00000000'B | |
| fn | Fn_01 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | Signal_01 | |
| Structured Type: | SIGNAL | |
| Derivation Path: | | |
| Comments: | signal value is arbitrarily selected. | |
| Element Name | Element Value | Comments |
| iei | '00110100'B | |
| sigv | '00000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Signal_02 | |
| Structured Type: | SIGNAL | |
| Derivation Path: | | |
| Comments: | Signal IE with value #7 "call waiting tone on" | |
| Element Name | Element Value | Comments |
| iei | '00110100'B | |
| sigv | '00000111'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------|----------|
| Constraint Name: | StartingTm_01(fn:FN) | |
| Structured Type: | STRT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '01111101'B | |
| fn | fn | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | StartingTm_omit | |
| Structured Type: | STRT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| fn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | SubAdd_01 | |
| Structured Type: | SUBAD | |
| Derivation Path: | | |
| Comments: | containing arbitrary spare bits | |
| Element Name | Element Value | Comments |
| extb | '1'B | |
| tos | '000'B | |
| oei | '0'B | |
| sp3b | '111'B | |
| si | '5001'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Synchi_01 | |
| Structured Type: | SYNCHI | |
| Derivation Path: | | |
| Comments: | coded as a comprehension required IEL. | |
| Element Name | Element Value | Comments |
| iei | '0000'B | |
| nci | '0'B | |
| rot | '0'B | |
| si | '00'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | Synchi_02 | |
| Structured Type: | SYNCHI | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '1100'B | |
| nci | '0'B | |
| rot | '0'B | |
| si | '10'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | Synchi_03 | |
| Structured Type: | SYNCHI | |
| Derivation Path: | Synchi_02. | |
| Comments: | | |
| Element Name | Element Value | Comments |
| rot | '1'B | |
| si | '11'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | Synchi_04 | |
| Structured Type: | SYNCHI | |
| Derivation Path: | Synchi_02. | |
| Comments: | | |
| Element Name | Element Value | Comments |
| rot | '1'B | |
| si | '00'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------|----------|
| Constraint Name: | Synchi_05 | |
| Structured Type: | SYNCHI | |
| Derivation Path: | Synchi_02. | |
| Comments: | finely synchronized. | |
| Element Name | Element Value | Comments |
| si | '01'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | Synchi_06 | |
| Structured Type: | SYNCHI | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | '1100'B | |
| nci | '0'B | |
| rot | '0'B | |
| si | '00'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | TimingAdv_01 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | 0 time advance. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | '000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | TimingAdv_01iei | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | 0 time advance. | |
| Element Name | Element Value | Comments |
| iei | '01111101'B | |
| sprb | '00'B | |
| value | '000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | TimingAdv_02 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | containing arbitrary spare bits | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '11'B | |
| value | '000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | TimingAdv_03 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | 20 bits period time advance. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | '010100'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | TimingAdv_03iei | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | 20 bits period time advance. | |
| Element Name | Element Value | Comments |
| iei | '01111101'B | |
| sprb | '00'B | |
| value | '010100'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | TimingAdv_04 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | time advance = TSPX_TimadvA. | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | TSPX_TimadvA | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------|----------|
| Constraint Name: | TimingAdv_05 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | time advance = TSPX_y2 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | INT_TO_BIT(TSPX_y2, 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------|----------|
| Constraint Name: | TimingAdv_06 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | time advance = TSPX_y3 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | INT_TO_BIT(TSPX_y3, 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | TimingAdv_07 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | time advance = TSPX_k | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | INT_TO_BIT((30 + TSPX_k), 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | TimingAdv_07iei | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | time advance = TSPX_k | |
| Element Name | Element Value | Comments |
| iei | '01111101'B | |
| sprb | '00'B | |
| value | INT_TO_BIT((30 + TSPX_k), 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------|----------|
| Constraint Name: | TimingAdv_08 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | time advance = TSPX_k1 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | INT_TO_BIT(TSPX_k1, 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------|----------|
| Constraint Name: | TimingAdv_09 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | time advance = TSPX_k2 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | INT_TO_BIT(TSPX_k2, 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------------|----------|
| Constraint Name: | TimingAdv_10 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | time advance = TSPX_k3 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | INT_TO_BIT(TSPX_k3, 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------|----------|
| Constraint Name: | TimingAdv_r01 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | 30 bit periods | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | '011110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|------------------|----------|
| Constraint Name: | TimingAdv_r01iei | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | 30 bit periods | |
| Element Name | Element Value | Comments |
| iei | '01111101'B | |
| sprb | '00'B | |
| value | '011110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | TimingAdv_r02 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | Arbitrarily chosen but controllable | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | TSPX_TimadvB | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | TimingAdv_r02iei | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | Arbitrarily chosen but controllable | |
| Element Name | Element Value | Comments |
| iei | '01111101'B | |
| sprb | '00'B | |
| value | TSPX_TimadvB | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | TimingAdv_r05 | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | Arbitrarily chosen but controllable | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | TSPX_TimadvC | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------|----------|
| Constraint Name: | TimAdv_y | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | time advance = TSPX_y | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | INT_TO_BIT(TSPX_y, 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | TimAdv_yplusk | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | time advance = TSPX_k + TSPX_y | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| sprb | '00'B | |
| value | INT_TO_BIT((TSPX_k + TSPX_y), 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | TimAdv_ykmod256iei | |
| Structured Type: | TA | |
| Derivation Path: | | |
| Comments: | time advance = ((2 * TSPX_k) + TSPX_y) modulo 256 | |
| Element Name | Element Value | Comments |
| iei | '01111101'B | |
| sprb | '00'B | |
| value | INT_TO_BIT((((2 * TSPX_k) + TSPX_y) MOD 256), 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | TI_01 | |
| Structured Type: | TI | |
| Derivation Path: | | |
| Comments: | used by the MS in the transaction initiated by the test system. | |
| Element Name | Element Value | Comments |
| ti_f | '1'B | |
| ti_v | '000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | TI_02 | |
| Structured Type: | TI | |
| Derivation Path: | | |
| Comments: | used in the messages sent to the MS in the transaction initiated by test system. | |
| Element Name | Element Value | Comments |
| ti_f | '0'B | |
| ti_v | '000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | TI_03 | |
| Structured Type: | TI | |
| Derivation Path: | | |
| Comments: | used in the messages sent to the MS in the transaction initiated by test system. | |
| Element Name | Element Value | Comments |
| ti_f | '0'B | |
| ti_v | '110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------|----------|
| Constraint Name: | TI_04 | |
| Structured Type: | TI | |
| Derivation Path: | | |
| Comments: | arbitrary value | |
| Element Name | Element Value | Comments |
| ti_f | '0'B | |
| ti_v | '011'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | TI_05 | |
| Structured Type: | TI | |
| Derivation Path: | | |
| Comments: | used by the MS in the transaction initiated by the test system. | |
| Element Name | Element Value | Comments |
| ti_f | '1'B | |
| ti_v | '110'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | TI_06 | |
| Structured Type: | TI | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| ti_f | '0'B | |
| ti_v | '111'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | TI_07(ti :TI_V) | |
| Structured Type: | TI | |
| Derivation Path: | | |
| Comments: | used in the messages sent to the MS in the transaction initiated by the MS. | |
| Element Name | Element Value | Comments |
| ti_f | '0'B | |
| ti_v | ti | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | TI_08(ti:TI_V) | |
| Structured Type: | TI | |
| Derivation Path: | | |
| Comments: | used in the messages sent to the MS in the transaction initiated by the system simulator. | |
| Element Name | Element Value | Comments |
| ti_f | '1'B | |
| ti_v | ti | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | TI_09 | |
| Structured Type: | TI | |
| Derivation Path: | | |
| Comments: | used by the MS in the transaction initiated by the MS. | |
| Element Name | Element Value | Comments |
| ti_f | '0'B | |
| ti_v | ? | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | Tmsi_01 | |
| Structured Type: | TMSI | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| tmsi_val | TSPX_TMSI | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--|------------------------------|----------|
| Constraint Name: | Tmsi_r01 | |
| Structured Type: | TMSI | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| tmsi_val | OC_IncTmsi(TSPX_TMSI, '01'O) | |
| Detailed Comments: Note: the TSPX_TMSI + '01'O shall not be identical to TSPX_TMSI1 | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Tmsi_r03 | |
| Structured Type: | TMSI | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| tmsi_val | OC_IncTmsi(TSPX_TMSI, '02'O) | |
| Detailed Comments: | Note: the TSPX_TMSI + '02'O shall not be identical to TSPX_TMSI1 | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Tmsi_r04 | |
| Structured Type: | TMSI | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| tmsi_val | OC_IncTmsi(TSPX_TMSI, '03'O) | |
| Detailed Comments: | Note: the TSPX_TMSI + '03'O shall not be identical to TSPX_TMSI1 | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Tmsi_r05 | |
| Structured Type: | TMSI | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| tmsi_val | OC_IncTmsi(TSPX_TMSI, '04'O) | |
| Detailed Comments: | Note: the TSPX_TMSI + '04'O shall not be identical to TSPX_TMSI1 | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | TonNpi_01 | |
| Structured Type: | TON_NPI | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| extb | '0'B | |
| ton | '000'B | |
| npi | '0000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | TonNpi_02 | |
| Structured Type: | TON_NPI | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| extb | '1'B | |
| ton | '000'B | |
| npi | '0000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | TonNpi_03 | |
| Structured Type: | TON_NPI | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| extb | '1'B | |
| ton | '001'B | |
| npi | '0001'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | UnknownIE_01 | |
| Structured Type: | UNKWN | |
| Derivation Path: | | |
| Comments: | An invalid IE coded as comprehension required . | |
| Element Name | Element Value | Comments |
| iei | '00000000'B | |
| iel | '01'O | |
| contents | '54'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | UnknownIE_02 | |
| Structured Type: | UNKWN | |
| Derivation Path: | | |
| Comments: | An invalid FIE coded as unknown IE. | |
| Element Name | Element Value | Comments |
| iei | '01001100'B | |
| iel | '01'O | |
| contents | 'FF'O | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------|----------|
| Constraint Name: | UnknownIE | |
| Structured Type: | CHD | |
| Derivation Path: | | |
| Comments: | used as unkown IE | |
| Element Name | Element Value | Comments |
| iei | '01101001'B | |
| cht_schn | '00000'B | |
| tn | '010'B | |
| tsc | '101'B | |
| hch | '1'B | |
| maio | '001100'B | |
| hsn | '101010'B | |
| spr | OMIT | |
| arfcn | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CpData_01(tpoa1, rpoa_mt:BCDN; rpmr: MR; timezone:TZONES) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((162+OC_LengthOfBCDN(tpoa1)+OC_LengthOfBCDN(rpoa_mt)), 1) | |
| rpack | OMIT | |
| rpdata | RpData_01(rpoa_mt, tpoa1, rpmr, timezone) | |
| rperr | OMIT | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------|----------|
| Constraint Name: | CpData_02(rpmr: MR) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| rpack | RpAck_01(rpmr) | |
| rpdata | OMIT | |
| rperr | OMIT | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------|----------|
| Constraint Name: | CpData_03(rpd:RPDATA) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| rpack | OMIT | |
| rpdata | rpd | |
| rperr | OMIT | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------|----------|
| Constraint Name: | CpData_04(rpmr: MR) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| rpack | RpAck_02(rpmr) | |
| rpdata | OMIT | |
| rperr | OMIT | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CpData_05(tpoa1, rpoa_mt:BCDN; rpmr: MR; timezone:TZONES) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct(((162+OC_LengthOfBCDN(tpoa1)+OC_LengthOfBCDN(rpoa_mt)), 1) | |
| rpack | OMIT | |
| rpdata | RpData_05(rpoa_mt, tpoa1, rpmr, timezone) | |
| rperr | OMIT | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CpData_06(tpoa1, rpoa_mt:BCDN; rpmr: MR; timezone:TZONES) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct(((162+OC_LengthOfBCDN(tpoa1)+OC_LengthOfBCDN(rpoa_mt)), 1) | |
| rpack | OMIT | |
| rpdata | RpData_06(rpoa_mt, tpoa1, rpmr, timezone) | |
| rperr | OMIT | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | CpData_07(rpmr: MR) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | RP Error: Protocol Error, unspecified | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| rpack | OMIT | |
| rpdata | OMIT | |
| rperr | RpError_01(rpmr) | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | CpData_08(rpmr: MR) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | RP Error: Memory Capability Exceeded | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| rpack | OMIT | |
| rpdata | OMIT | |
| rperr | RpError_02(rpmr) | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | CpData_09 | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | RP_SMAA | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| rpack | OMIT | |
| rpdata | OMIT | |
| rperr | OMIT | |
| rpsmma | RpSMMA_01 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CpData_10(tpoa1, rpoa_mt:BCDN; rpmr: MR; timezone:TZONES) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((162+OC_LengthOfBCDN(tpoa1)+OC_LengthOfBCDN(rpoa_mt)), 1) | |
| rpack | OMIT | |
| rpdata | RpData_07(rpoa_mt, toa1, rpmr, timezone) | |
| rperr | OMIT | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CpData_12(tpda, rpoa_mt:BCDN; tpmr: MR; rpmr: MR; timezone:TZONES) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | n -> ms, RP DATA(SMS-STATUS-REPORT) | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((28 + OC_LengthOfBCDN(tpda) + OC_LengthOfBCDN(rpoa_mt)), 1) | |
| rpack | OMIT | |
| rpdata | RpData_09(rpoa_mt, tpda, tpmr, rpmr, timezone) | |
| rperr | OMIT | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | CpData_15(tpoa1: BCDN; rpoa_mt: BCDN; smtype: INTEGER; text: IA5String; rpmr: MR; timezone:TZONES) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((162+OC_LengthOfBCDN(tpoa1)+OC_LengthOfBCDN(rpoa_mt)), 1) | |
| rpack | OMIT | |
| rpdata | RpData_12(tpoa1, rpoa_mt, smtype, text, rpmr, timezone) | |
| rperr | OMIT | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | CpData_16(tpoa1: BCDN; rpoa_mt: BCDN; text: IA5String; rpmr: MR; timezone:TZONES) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((162 + OC_LengthOfBCDN(tpoa1) + OC_LengthOfBCDN(rpoa_mt)), 1) | |
| rpack | OMIT | |
| rpdata | RpData_13(tpoa1, rpoa_mt, text, rpmr, timezone) | |
| rperr | OMIT | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | CpData_17(tpda,rpda:BCDN; tpud: TPUD) | |
| Structured Type: | CPDATA | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| rpack | OMIT | |
| rpdata | RpData_14(tpda, rpda,tpud) | |
| rperr | OMIT | |
| rpsmma | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpData_01(rpoa_mt, tpoa1:BCDN; rpmr: MR; timezone:TZONES) | |
| Structured Type: | RPDATA | |
| Derivation Path: | | |
| Comments: | n->ms | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '001'B | |
| rpmr | rpmr | |
| rpOaddr | RpOrigAddr_01(rpoa_mt) | |
| rpDaddr | RpDestAddr_01 | |
| rpusrdat | RpUsrData_01(tpoa1, timezone) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | RpData_03 | |
| Structured Type: | RPDATA | |
| Derivation Path: | | |
| Comments: | ms->n | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '000'B | |
| rpmr | ? | |
| rpOaddr | RpOrigAddr_02 | |
| rpDaddr | RpDestAddr_02 | |
| rpusrdat | RpUsrData_02 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpData_05(rpoa_mt, tpoa1:BCDN; rpmr: MR; timezone:TZONES) | |
| Structured Type: | RPDATA | |
| Derivation Path: | | |
| Comments: | n->ms | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '001'B | |
| rpmr | rpmr | |
| rpOaddr | RpOrigAddr_01(rpoa_mt) | |
| rpDaddr | RpDestAddr_01 | |
| rpusrdat | RpUsrData_03(tpoa1, timezone) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpData_06(rpoa_mt, tpoa1:BCDN; rpmr: MR; timezone:TZONES) | |
| Structured Type: | RPDATA | |
| Derivation Path: | | |
| Comments: | n->ms | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '001'B | |
| rpmr | rpmr | |
| rpOaddr | RpOrigAddr_01(rpoa_mt) | |
| rpDaddr | RpDestAddr_01 | |
| rpusrdat | RpUsrData_04(tpoa1, timezone) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RpData_07(rpoa_mt, tpoa1:BCDN; rpmr: MR; timezone:TZONES) | |
| Structured Type: | RPDATA | |
| Derivation Path: | | |
| Comments: | n->ms | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '001'B | |
| rpmr | rpmr | |
| rpOaddr | RpOrigAddr_01(rpoa_mt) | |
| rpDaddr | RpDestAddr_01 | |
| rpusrdat | RpUsrData_05(tpoa1, timezone) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | RpData_08 | |
| Structured Type: | RPDATA | |
| Derivation Path: | | |
| Comments: | ms->n, status report requested | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '000'B | |
| rpmr | ? | |
| rpOaddr | RpOrigAddr_02 | |
| rpDaddr | RpDestAddr_02 | |
| rpusrdat | RpUsrData_06 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpData_09(rpoa_mt, tpd:BCDN; tpmr: MR; rpmr: MR; timezone:TZONES) | |
| Structured Type: | RPDATA | |
| Derivation Path: | | |
| Comments: | n->ms, RP DATA(SMS-STATUS-REPORT) | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '001'B | |
| rpmr | rpmr | |
| rpOaddr | RpOrigAddr_01(rpoa_mt) | |
| rpDaddr | RpDestAddr_01 | |
| rpusrdat | RpUsrData_07(tpda, tpmr, timezone) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpData_11(rpmr: MR; tpcom:SMCMD) | |
| Structured Type: | RPDATA | |
| Derivation Path: | | |
| Comments: | ms->n, RP data(SMS-COMMAND(Delete)) | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '000'B | |
| rpmr | OC_IntToOct((OC_OctToInt(rpmr) + 1), 1) | |
| rpOaddr | RpOrigAddr_02 | |
| rpDaddr | RpDestAddr_02 | |
| rpusrdat | RpUsrData_09(tpcom) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RpData_12(tpoa1: BCDN; rpoa_mt: BCDN; smtype: INTEGER; text: IA5String; rpmr: MR; timezone:TZONES) | |
| Structured Type: | RPDATA | |
| Derivation Path: | | |
| Comments: | n->ms | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '001'B | |
| rpmr | rpmr | |
| rpOaddr | RpOrigAddr_03(rpoa_mt) | |
| rpDaddr | RpDestAddr_01 | |
| rpusrdat | RpUsrData_10(tpoa1, smtype, text, timezone) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RpData_13(tpoa: BCDN; rpoa_mt: BCDN; text: IA5String; rpmr: MR; timezone:TZONES) | |
| Structured Type: | RPDATA | |
| Derivation Path: | | |
| Comments: | n->ms | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '001'B | |
| rpmr | rpmr | |
| rpOaddr | RpOrigAddr_03(rpoa_mt) | |
| rpDaddr | RpDestAddr_01 | |
| rpusrdat | RpUsrData_11(tpoa, text, timezone) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpData_14(tpda: BCDN; rpda: BCDN; tpud: TPUD) | |
| Structured Type: | RPDATA | |
| Derivation Path: | | |
| Comments: | ms->n | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '000'B | |
| rpmr | ? | |
| rpOaddr | RpOrigAddr_02 | |
| rpDaddr | RpDestAddr_03(rpda) | |
| rpusrdat | RpUsrData_12(tpda,tpud) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------|----------|
| Constraint Name: | RpAck_01(rpmr: MR) | |
| Structured Type: | RPACK | |
| Derivation Path: | | |
| Comments: | ms->n | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '010'B | |
| rpmr | rpmr | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------|----------|
| Constraint Name: | RpAck_02(rpmr: MR) | |
| Structured Type: | RPACK | |
| Derivation Path: | | |
| Comments: | RP_ACK n->ms | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '011'B | |
| rpmr | rpmr | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------|----------|
| Constraint Name: | RpError_01(rpmr: MR) | |
| Structured Type: | RPERR | |
| Derivation Path: | | |
| Comments: | Protocol error, unspecified | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '100'B | |
| rpmr | rpmr | |
| rpcau | RpCause_01 | |
| rpusrdat | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------|----------|
| Constraint Name: | RpError_02(rpmr: MR) | |
| Structured Type: | RPERR | |
| Derivation Path: | | |
| Comments: | Memory Capacity Exceeded | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '100'B | |
| rpmr | rpmr | |
| rpcau | RpCause_02 | |
| rpusrdat | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpCause_01 | |
| Structured Type: | RPCAU | |
| Derivation Path: | | |
| Comments: | ms->n, Protocol error, unspecified, cause number 111. | |
| Element Name | Element Value | Comments |
| iei | '01000010'B | |
| iel | ? | |
| extb2 | '0'B | |
| rpcau_class | '110'B | |
| rpcau_va | '1111'B | |
| rpcau_di | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpCause_02 | |
| Structured Type: | RPCAU | |
| Derivation Path: | | |
| Comments: | ms->n, Memory Capacity Exceeded, cause number 22. | |
| Element Name | Element Value | Comments |
| iei | '01000010'B | |
| iel | ? | |
| extb2 | '0'B | |
| rpcau_class | '001'B | |
| rpcau_va | '0110'B | |
| rpcau_di | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | RpSMMA_01 | |
| Structured Type: | RPSMMA | |
| Derivation Path: | | |
| Comments: | ms->n | |
| Element Name | Element Value | Comments |
| sprb | '00000'B | |
| rpmti | '110'B | |
| rpmr | ? | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpUsrData_01(tpoa1:BCDN; timezone:TZONES) | |
| Structured Type: | RPUSRDAT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((153 + OC_LengthOfBCDN(tpoa1)), 1) | |
| tpdeliver | TpDeliver_01(tpoa1, timezone) | |
| tpsubmit | OMIT | |
| tpstatus_rpt | OMIT | |
| tpcommand | OMIT | |
| tpdlvr_sbmt_rpt | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | RpUsrData_02 | |
| Structured Type: | RPUSRDAT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| tpdeliver | OMIT | |
| tpsubmit | TpSubmit_01 | |
| tpstatus_rpt | OMIT | |
| tpcommand | OMIT | |
| tpdlvr_sbmt_rpt | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RpUsrData_03(tpoa1:BCDN; timezone:TZONES) | |
| Structured Type: | RPUSRDAT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((153+OC_LengthOfBCDN(t poa1)), 1) | |
| tpdeliver | TpDeliver_02(tpoa1, timezone) | |
| tpsubmit | OMIT | |
| tpstatus_rpt | OMIT | |
| tpcommand | OMIT | |
| tpdlvr_sbmt_rpt | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RpUsrData_04(tpoa1:BCDN; timezone:TZONES) | |
| Structured Type: | RPUSRDAT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((153+OC_LengthOfBCDN(tpoa1)), 1) | |
| tpdeliver | TpDeliver_03(tpoa1, timezone) | |
| tpsubmit | OMIT | |
| tpstatus_rpt | OMIT | |
| tpcommand | OMIT | |
| tpdlvr_sbmt_rpt | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RpUsrData_05(tpoa1:BCDN; timezone:TZONES) | |
| Structured Type: | RPUSRDAT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((153+OC_LengthOfBCDN(tpoa1)), 1) | |
| tpdeliver | TpDeliver_04(tpoa1, timezone) | |
| tpsubmit | OMIT | |
| tpstatus_rpt | OMIT | |
| tpcommand | OMIT | |
| tpdlvr_sbmt_rpt | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | RpUsrData_06 | |
| Structured Type: | RPUSRDAT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| tpdeliver | OMIT | |
| tpsubmit | TpSubmit_02 | |
| tpstatus_rpt | OMIT | |
| tpcommand | OMIT | |
| tpdlvr_sbmt_rpt | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RpUsrData_07(tpda:BCDN; mr: MR; timezone:TZONES) | |
| Structured Type: | RPUSRDAT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((19 + OC_LengthOfBCDN(tpda)), 1) | |
| tpdeliver | OMIT | |
| tpsubmit | OMIT | |
| tpstatus_rpt | TpStatusReport_01(mr, timezone) | |
| tpcommand | OMIT | |
| tpdlvr_sbmt_rpt | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | RpUsrData_09(tpcom:SMCMD) | |
| Structured Type: | RPUSRDAT | |
| Derivation Path: | | |
| Comments: | SMS-COMMAND(Delete) | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| tpdeliver | OMIT | |
| tpsubmit | OMIT | |
| tpstatus_rpt | OMIT | |
| tpcommand | tpcom | |
| tpdlvr_sbmt_rpt | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RpUsrData_10(tpoa1: BCDN; smtype: INTEGER; text: IA5String; timezone:TZONES) | |
| Structured Type: | RPUSRDAT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((153+OC_LengthOfBCDN(tpoa1)), 1) | |
| tpdeliver | TpDeliver_05(tpoa1, smtype, text, timezone) | |
| tpsubmit | OMIT | |
| tpstatus_rpt | OMIT | |
| tpcommand | OMIT | |
| tpdlvr_sbmt_rpt | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpUsrData_11(tpoa1: BCDN; text: IA5String; timezone:TZONES) | |
| Structured Type: | RPUSRDAT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((153+OC_LengthOfBCDN(tpoa1)), 1) | |
| tpdeliver | TpDeliver_06(tpoa1, text, timezone) | |
| tpsubmit | OMIT | |
| tpstatus_rpt | OMIT | |
| tpcommand | OMIT | |
| tpdlvr_sbmt_rpt | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | RpUsrData_12(tpda: BCDN; tpud: TPUD) | |
| Structured Type: | RPUSRDAT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| tpdeliver | OMIT | |
| tpsubmit | TpSubmit_03(tpda,tpud) | |
| tpstatus_rpt | OMIT | |
| tpcommand | OMIT | |
| tpdlvr_sbmt_rpt | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | TpDeliver_01(tpoa1:BCDN; timezone:TZONES) | |
| Structured Type: | SMDLVR | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| rp | '0'B | |
| udhi | '0'B | |
| sri | '0'B | |
| sprb2 | '00'B | |
| mms | '0'B | |
| mti | '00'B | |
| oa | SmOrigAddr_01(tpoa1) | |
| pid | Tppid_01 | |
| dcs | Tpdcs_01 | |
| scts | OC_GetSCTimeStamp(timezone) | |
| udl | 'A'O | |
| ud | OC_ComputeSMContents(160) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | TpDeliver_02(tpoa1:BCDN; timezone:TZONES) | |
| Structured Type: | SMDLVR | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| rp | '0'B | |
| udhi | '0'B | |
| sri | '0'B | |
| sprb2 | '00'B | |
| mms | '0'B | |
| mti | '00'B | |
| oa | SmOrigAddr_01(tpoa1) | |
| pid | Tppid_01 | |
| dcs | Tpdcs_02 | |
| scts | OC_GetSCTimeStamp(timezone) | |
| udl | 'A0'O | |
| ud | OC_ComputeSMContents(160) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | TpDeliver_03(tpoa1:BCDN; timezone:TZONES) | |
| Structured Type: | SMDLVR | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| rp | '0'B | |
| udhi | '0'B | |
| sri | '0'B | |
| sprb2 | '00'B | |
| mms | '0'B | |
| mti | '00'B | |
| oa | SmOrigAddr_01(tpoa1) | |
| pid | Tppid_01 | |
| dcs | Tpdcs_03 | |
| scts | OC_GetSCTimeStamp(timezone) | |
| udl | 'A0'O | |
| ud | OC_ComputeSMContents(160) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | TpDeliver_04(tpoa1:BCDN; timezone:TZONES) | |
| Structured Type: | SMDLVR | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| rp | '0'B | |
| udhi | '0'B | |
| sri | '0'B | |
| sprb2 | '00'B | |
| mms | '0'B | |
| mti | '00'B | |
| oa | SmOrigAddr_01(tpoa1) | |
| pid | Tppid_01 | |
| dcs | Tpdcs_04 | |
| scts | OC_GetSCTimeStamp(timezone) | |
| udl | 'A0'O | |
| ud | OC_ComputeSMContents(160) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | TpDeliver_05(tpoa: BCDN; smtype: INTEGER; text: IA5String; timezone:TZONES) | |
| Structured Type: | SMDLVR | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| rp | '0'B | |
| udhi | '0'B | |
| sri | '0'B | |
| sprb2 | '00'B | |
| mms | '1'B | |
| mti | '00'B | |
| oa | SmOrigAddr_02(tpoa) | |
| pid | Tppid_02(smtype) | |
| dcs | Tpdcs_01 | |
| scts | OC_GetSCTimeStamp(timezone) | |
| udl | 'A0'O | |
| ud | OC_ComputeSMContentsSpecText(160, text) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | TpDeliver_06(tpoa: BCDN; text: IA5String; timezone:TZONES) | |
| Structured Type: | SMDLVR | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| rp | '1'B | |
| udhi | '0'B | |
| sri | '0'B | |
| sprb2 | '00'B | |
| mms | '1'B | |
| mti | '00'B | |
| oa | SmOrigAddr_02(tpoa) | |
| pid | Tppid_01 | |
| dcs | Tpdcs_01 | |
| scts | OC_GetSCTimeStamp(timezone) | |
| udl | 'A0'O | |
| ud | OC_ComputeSMContentsSpecText(160, text) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---------------|----------|
| Constraint Name: | TpSubmit_01 | |
| Structured Type: | SMSBMT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| rp | ? | |
| udhi | ? | |
| srr | ? | |
| vpf | ? | |
| rd | ? | |
| mti | '01'B | |
| mr | ? | |
| da | SmDestAddr_01 | |
| pid | Tppid_01 | |
| dcs | Tpdcs_01 | |
| vp1 | ? | |
| vp7 | OMIT | |
| udl | ? | |
| ud | ? | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------|----------|
| Constraint Name: | TpSubmit_02 | |
| Structured Type: | SMSBMT | |
| Derivation Path: | | |
| Comments: | status report requested | |
| Element Name | Element Value | Comments |
| rp | '0'B | |
| udhi | ? | |
| srr | '1'B | |
| vpf | ? | |
| rd | ? | |
| mti | '01'B | |
| mr | ? | |
| da | SmDestAddr_01 | |
| pid | Tppid_01 | |
| dcs | Tpdcs_01 | |
| vp1 | ? | |
| vp7 | OMIT | |
| udl | ? | |
| ud | ? | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | TpSubmit_03(tpda: BCDN; tpud: TPUD) | |
| Structured Type: | SMSBMT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| rp | ? | |
| udhi | ? | |
| srr | ? | |
| vpf | '10'B | |
| rd | ? | |
| mti | '01'B | |
| mr | ? | |
| da | SmDestAddr_02(tpda) | |
| pid | Tppid_01 | |
| dcs | Tpdcs_01 | |
| vp1 | 'A7'O | |
| vp7 | OMIT | |
| udl | ? | |
| ud | tpud | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | TpStatusReport_01(mr: MR; timezone:TZONES) | |
| Structured Type: | SMST_RPT | |
| Derivation Path: | | |
| Comments: | | |
| Element Name | Element Value | Comments |
| sprb1 | '00000'B | |
| mms | '1'B | |
| mti | '10'B | |
| mr | mr | |
| ra | SmDestAddr_01 | |
| scts | OC_GetSCTimeStamp(timezone) | |
| dt | OC_GetSCTimeStamp(timezone) | |
| st | TpStatus_01 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | SmOrigAddr_01(tpoa1:BCDN) | |
| Structured Type: | TPA | |
| Derivation Path: | | |
| Comments: | international number coded E.164 (GSM 11.10, 34.2.1.3, specific message contents). Used in SMS-DELIVER (n->ms) | |
| Element Name | Element Value | Comments |
| iel | OC_IntToOct(OC_LengthOfBCDN(tpoa1), 1) | |
| tonnpi | TonNpi_03 | |
| digits | tpoa1 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | SmOrigAddr_02(tpoa: BCDN) | |
| Structured Type: | TPA | |
| Derivation Path: | | |
| Comments: | international number coded E.164 (GSM 11.10, 34.2.1.3, specific message contents). Used in SMS-DELIVER (n->ms) | |
| Element Name | Element Value | Comments |
| iel | OC_IntToOct(OC_LengthOfBCDN(tpoa), 1) | |
| tonnpi | TonNpi_03 | |
| digits | tpoa | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | SmDestAddr_01 | |
| Structured Type: | TPA | |
| Derivation Path: | | |
| Comments: | international number coded E.164 (GSM 11.10, 34.2.1.3, specific message contents). Used in SMS-SUBMIT (ms->n) | |
| Element Name | Element Value | Comments |
| iel | ? | |
| tonnpi | TonNpi_03 | |
| digits | ? | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | SmDestAddr_02(tpda: BCDN) | |
| Structured Type: | TPA | |
| Derivation Path: | | |
| Comments: | international number coded E.164 (GSM 11.10, 34.2.1.3, specific message contents). Used in SMS-SUBMIT (ms->n) | |
| Element Name | Element Value | Comments |
| iel | OC_IntToOct(OC_LengthOfBCDN(tpda), 1) | |
| tonnpi | TonNpi_03 | |
| digits | tpda | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RpOrigAddr_01(rpoa_mt: BCDN) | |
| Structured Type: | CDPN | |
| Derivation Path: | | |
| Comments: | Called party BCD number (CC information element) GSM 04.08, 10.5.4.7. Used in SMS-DELIVER (n->ms) | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((OC_LengthOfBCDN(rpoa_mt) + 1), 1) | |
| tonnpi | TonNpi_03 | |
| digits | rpoa_mt | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpOrigAddr_02 | |
| Structured Type: | CDPN | |
| Derivation Path: | | |
| Comments: | Called party BCD number (CC information element) GSM 04.08, 10.5.4.7. Used in SMS-SUBMIT (ms->n) | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '00'O | |
| tonnpi | OMIT | |
| digits | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RpOrigAddr_03(rpoa: BCDN) | |
| Structured Type: | CDPN | |
| Derivation Path: | | |
| Comments: | Called party BCD number (CC information element) GSM 04.08, 10.5.4.7. Used in SMS-DELIVER (n->ms) | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | OC_IntToOct((OC_LengthOfBCDN(rpoa) + 1), 1) | |
| tonnpi | TonNpi_03 | |
| digits | rpoa | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | RpDestAddr_01 | |
| Structured Type: | CDPN | |
| Derivation Path: | | |
| Comments: | Called party BCD number (CC information element) GSM 04.08, 10.5.4.7. Used in SMS-DELIVER (n->ms) | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | '00'O | |
| tonnpi | OMIT | |
| digits | OMIT | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpDestAddr_02 | |
| Structured Type: | CDPN | |
| Derivation Path: | | |
| Comments: | Called party BCD number (CC information element) GSM 04.08, 10.5.4.7. Used in SMS-SUBMIT (ms->n) | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ('02'O, '03'O, '04'O, '05'O, '06'O, '07'O, '08'O, '09'O, '0A'O, '0B'O) | |
| tonnpi | * | |
| digits | * | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | RpDestAddr_03(rpda: BCDN) | |
| Structured Type: | CDPN | |
| Derivation Path: | | |
| Comments: | Called party BCD number (CC information element) GSM 04.08, 10.5.4.7 | |
| Element Name | Element Value | Comments |
| iei | OMIT | |
| iel | ? | |
| tonnpi | ? | |
| digits | rpda | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | SMSCBdata(b1, b2, b3, b4: OCTETSTRING) | |
| Structured Type: | SMSCBpack | |
| Derivation Path: | | |
| Comments: | SMS cell broadcasting packing data | |
| Element Name | Element Value | Comments |
| block1 | b1 | |
| block2 | b2 | |
| block3 | b3 | |
| block4 | b4 | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Tppid_01 | |
| Structured Type: | TPPID | |
| Derivation Path: | | |
| Comments: | TP protocol identifier, GSM 03.40, 9.2.3.9 default value 0 | |
| Element Name | Element Value | Comments |
| type | '00'B | |
| value | '000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Tppid_02(smtype: INTEGER) | |
| Structured Type: | TPPID | |
| Derivation Path: | | |
| Comments: | TP protocol identifier, GSM 03.40, 9.2.3.9 default value 0 | |
| Element Name | Element Value | Comments |
| type | '01'B | |
| value | INT_TO_BIT(smtype, 6) | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | Tpdcs_01 | |
| Structured Type: | TPDCS | |
| Derivation Path: | | |
| Comments: | SMS data coding scheme, GSM 03.38, 4, 5 default value is 0 | |
| Element Name | Element Value | Comments |
| cg | '0000'B | |
| code | '0000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Tpdcs_02 | |
| Structured Type: | TPDCS | |
| Derivation Path: | | |
| Comments: | SMS data coding scheme, GSM 03.38, 4, 5 class 2 | |
| Element Name | Element Value | Comments |
| cg | '1111'B | |
| code | '0010'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Tpdcs_03 | |
| Structured Type: | TPDCS | |
| Derivation Path: | | |
| Comments: | SMS data coding scheme, GSM 03.38, 4, 5 class 1 | |
| Element Name | Element Value | Comments |
| cg | '1111'B | |
| code | '0001'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Tpdcs_04 | |
| Structured Type: | TPDCS | |
| Derivation Path: | | |
| Comments: | SMS data coding scheme, GSM 03.38, 4, 5 class 0 | |
| Element Name | Element Value | Comments |
| cg code | '1111'B '0000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|--|----------|
| Constraint Name: | Tpdcs_05 | |
| Structured Type: | TPDCS | |
| Derivation Path: | | |
| Comments: | SMS data coding scheme, GSM 03.38, 4, 5 default alphabet, English | |
| Element Name | Element Value | Comments |
| cg code | '0000'B '0001'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | TpStatus_01 | |
| Structured Type: | TPST | |
| Derivation Path: | | |
| Comments: | Short message received by the SME | |
| Element Name | Element Value | Comments |
| sprb1 value | '0'B '0000000'B | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|--|---|----------|
| Constraint Name: | TpCommand_01(tpmr: MR) | |
| Structured Type: | SMCMD | |
| Derivation Path: | | |
| Comments: | Enquiry related to previously submitted short message | |
| Element Name | Element Value | Comments |
| sprb1 srr sprb2 mti mr pid ct mn da cdl cd | '00'B '0'B '000'B '10'B OC_IntToOct(OC_OctToInt(tpmr) + 1, 1) Tppid_01 '00'O ? ? ? ? | |
| Detailed Comments: | | |

| Structured Type Constraint | | |
|----------------------------|---|----------|
| Constraint Name: | TpCommand_02(tpmr: MR) | |
| Structured Type: | SMCMD | |
| Derivation Path: | | |
| Comments: | Delete previously submitted short message | |
| Element Name | Element Value | Comments |
| sprb1 | '00'B | |
| srr | '0'B | |
| sprb2 | '000'B | |
| mti | '10'B | |
| mr | OC_IntToOct(OC_OctToInt(tpmr) + 1, 1) | |
| pid | Tppid_01 | |
| ct | '02'O | |
| mn | ? | |
| da | ? | |
| cdl | ? | |
| cd | ? | |
| Detailed Comments: | | |

ASN1 type constraints

| ASN.1 Type Constraint Declaration | |
|-----------------------------------|--|
| Constraint Name: | ActivateSS_01 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CF all synchronous services |
| Constraint Value | |
| activateSSComponents | <pre> activateSS_InvokeComp { invokeID ?, localValue 12, ss_ForBS { ss_Code '20'H, basicService bearerService '68'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|-----------------------------------|---|
| Constraint Name: | ActivateSS_02 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFU all basic services |
| Constraint Value | |
| activateSSComponents | <pre> activateSS_InvokeComp { invokeID ?, localValue 12, ss_ForBS { ss_Code '21'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|---|
| Constraint Name: | ActivateSS_03 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | BAOC all synchronous services |
| Constraint Value | |
| activateSSComponents | <pre> activateSS_InvokeComp { invokeID ?, localValue 12, ss_ForBS { ss_Code '92'H, basicService bearerService '68'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|---|
| Constraint Name: | ActivateSS_04 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | BIC-Roam |
| Constraint Value | |
| activateSSComponents | <pre> activateSS_InvokeComp { invokeID ?, localValue 12, ss_ForBS { ss_Code '9B'H -- BIC-Roam } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|---|
| Constraint Name: | ActivateSS_05 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | BOIC |
| Constraint Value | |
| activateSSComponents | <pre> activateSS_InvokeComp { invokeID ?, localValue 12, ss_ForBS { ss_Code '93'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | ActivateSS_06 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | BAIC |
| Constraint Value | |
| activateSSComponents | <pre> activateSS_InvokeComp { invokeID ?, localValue 12, ss_ForBS { ss_Code '9A'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | BldMptySS_01 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | build multiparty request |
| Constraint Value | |
| buildMPTYComponents | <pre> buildMPTY_InvokeComp { invokeID ?, localValue 124 } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | DeactivateSS_01 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFC for speech |
| Constraint Value | |
| deactivateSSComponents | <pre> deactivateSS_InvokeComp { invokeID ?, localValue 13, ss_ForBS { ss_Code '28'H, basicService teleservice '10'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | DeactivateSS_02 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFNRc for all facsimile |
| Constraint Value | |
| deactivateSSComponents | <pre> deactivateSS_InvokeComp { invokeID ?, localValue 13, ss_ForBS { ss_Code '2B'H, basicService teleservice '60'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | DeactivateSS_03 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | deactivation for barring |
| Constraint Value | |
| deactivateSSComponents | <pre> deactivateSS_InvokeComp { invokeID ?, localValue 13, ss_ForBS { ss_Code '90'H, basicService teleservice '10'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | DeactivateSS_04 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | deactivation for barring of outgoing calls |
| Constraint Value | |
| deactivateSSComponents | <pre> deactivateSS_InvokeComp { invokeID ?, localValue 13, ss_ForBS { ss_Code '91'H, basicService teleservice '60'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | DeactivateSS_05 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | deactivation for barring of incoming calls |
| Constraint Value | |
| deactivateSSComponents | <pre> deactivateSS_InvokeComp { invokeID ?, localValue 13, ss_ForBS { ss_Code '99'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | DeactivateSS_06 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | deactivation for BOICExHC |
| Constraint Value | |
| deactivateSSComponents | <pre> deactivateSS_InvokeComp { invokeID ?, localValue 13, ss_ForBS { ss_Code '94'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|---|
| Constraint Name: | EraseSS_01 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFC for all facsimile |
| Constraint Value | |
| eraseSSComponents | <pre> eraseSS_InvokeComp { invokeID ?, localValue 11, ss_ForBS { ss_Code '28'H, basicService teleservice '60'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | EraseSS_02 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFNRc for all basic services |
| Constraint Value | |
| eraseSSComponents | eraseSS_InvokeComp |
| | <pre> { invokeID ?, localValue 11, ss_ForBS { ss_Code '2B'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|---|
| Constraint Name: | EraseSS_03 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFU for speech |
| Constraint Value | |
| eraseSSComponents | eraseSS_InvokeComp |
| | <pre> { invokeID ?, localValue 11, ss_ForBS { ss_Code '21'H, basicService teleservice '10'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|---|
| Constraint Name: | EraseSS_04 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFNRy for all facsimile |
| Constraint Value | |
| eraseSSComponents | eraseSS_InvokeComp |
| | <pre> { invokeID ?, localValue 11, ss_ForBS { ss_Code '2A'H, basicService teleservice '60'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|-------------|
| Constraint Name: | FwdCharg_01 |
| ASN.1 Type: | Components |
| Derivation Path: | |
| Comments: | |
| Constraint Value | |
| <pre> { forwardChargeAdviceComponents forwardChargeAdvice_InvokeComp { invokeID 1, localValue 125, forwardChargeAdviceArg { ss_Code '72'H , chargingInformation { e1 6, e2 14, e3 1, e4 25, e5 0, e6 0, e7 60 } } } } </pre> | |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|---|-----------------|
| Constraint Name: | FwdChAdvRslt_01 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | |
| Constraint Value | |
| <pre> forwardChargeAdviceComponents forwardChargeAdvice_ReturnResultComp { invokeID 0, result * } </pre> | |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|---|------------------|
| Constraint Name: | GetPasswdRslt_01 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | |
| Constraint Value | |
| <pre> getPasswordComponents getPassword_ReturnResultComp { invokeID 0, result { localValue 18, currentPassword "1234" } } </pre> | |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | GetPasswdRslt_02 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | |
| Constraint Value | |
| getPasswordComponents | <pre> getPassword_ReturnResultComp { invokeID 0, result { localValue 18, currentPassword "9876" } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | GetPasswdRslt_03 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | |
| Constraint Value | |
| getPasswordComponents | <pre> getPassword_ReturnResultComp { invokeID 0, result { localValue 18, currentPassword "9877" } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | InterrogateSS_01 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFB for all basic services |
| Constraint Value | |
| interrogateSSComponents | <pre> interrogateSS_InvokeComp { invokeID ?, localValue 14, ss_ForBS { ss_Code '29'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | InterrogateSS_02 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFNRy for Speech |
| Constraint Value | |
| interrogateSSComponents | interrogateSS_InvokeComp <pre> { invokeID ?, localValue 14, ss_ForBS { ss_Code '2A'H, --CNFRy basicService teleservice '10'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | InterrogateSS_03 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFNRc for all basic services |
| Constraint Value | |
| interrogateSSComponents | interrogateSS_InvokeComp <pre> { invokeID ?, localValue 14, ss_ForBS { ss_Code '2B'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | InterrogateSS_04 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFB for all facsimile |
| Constraint Value | |
| interrogateSSComponents | interrogateSS_InvokeComp <pre> { invokeID ?, localValue 14, ss_ForBS { ss_Code '29'H, basicService teleservice '60'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | InterrogateSS_05 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | BICRoam |
| Constraint Value | |
| interrogateSSComponents | interrogateSS_InvokeComp <pre> { invokeID ?, localValue 14, ss_ForBS { ss_Code '9B'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | InterrogateSS_06 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | BOIC |
| Constraint Value | |
| interrogateSSComponents | interrogateSS_InvokeComp <pre> { invokeID ?, localValue 14, ss_ForBS { ss_Code '93'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | InterrogateSS_07 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | BAIC |
| Constraint Value | |
| interrogateSSComponents | interrogateSS_InvokeComp <pre> { invokeID ?, localValue 14, ss_ForBS { ss_Code '9A'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | InterrogateSS_08 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | BOICExHC |
| Constraint Value | |
| interrogateSSComponents | interrogateSS_InvokeComp <pre> { invokeID ?, localValue 14, ss_ForBS { ss_Code '94'H } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | NotificationSS_07(Invkid: OCTETSTRING) |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | |
| Constraint Value | |
| unstructuredSSNotifyComponents | unstructuredSSNotify_ReturnResultComp <pre> { invokeID OC_OctToInvokeIDType(Invkid), result { localValue 61 } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|---|
| Constraint Name: | NotificationSS_09(Invkid: OCTETSTRING) |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | |
| Constraint Value | |
| unstructuredSSNotifyComponents | unstructuredSSNotify_ReturnErrorComp <pre> errorCodes { invokeID OC_OctToInvokeIDType(Invkid), errorCode ussd_Busy } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | RegisterSS_01 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFNRy Speech |
| Constraint Value | |
| registerSSComponents | <pre> registerSS_InvokeComp { invokeID ?, localValue 10, registerSS_Arg { ss_Code '2A'H, basicService teleservice '10'H, forwardedToNumber '91342143'H, -- International } noReplyConditionTime 5 } </pre> |
| Number + Country code | |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | RegisterSS_02 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFU |
| Constraint Value | |
| registerSSComponents | <pre> registerSS_InvokeComp { invokeID ?, localValue 10, registerSS_Arg { ss_Code '21'H, basicService teleservice '60'H, forwardedToNumber '91342143'H -- International } } </pre> |
| Number + Country code | |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | RegisterSS_03 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CFB |
| Constraint Value | |
| registerSSComponents | <pre> registerSS_InvokeComp { invokeID ?, localValue 10, registerSS_Arg { ss_Code '29'H, basicService bearerService '60'H, forwardedToNumber '91342143'H -- International } } </pre> |
| Number + Country code | |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | RegisterSS_04 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | CF for all facsimile |
| Constraint Value | |
| registerSSComponents | <pre> registerSS_InvokeComp { invokeID ?, localValue 10, registerSS_Arg { ss_Code '20'H, basicService teleservice '60'H, forwardedToNumber '91342143'H -- International } } </pre> <p>Number + Country code</p> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | RegPasswdSS_01 |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | All call restriction services. |
| Constraint Value | |
| registerPasswordComponents | <pre> registerPassword_InvokeComp { invokeID ?, localValue 17, ss_Code '90'H } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | ProcessUSSData_01(ussdString: IA5String) |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | |
| Constraint Value | |
| processUnstructuredSSDataComponents | <pre> processUnstructuredSSData_InvokeComp { invokeID ?, localValue 19, ss_UserData ussdString } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | ProcessUSSDReq_01(ussdString: IA5String) |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | |
| Constraint Value | |
| processUnstructuredSSRequestComponents | <pre> processUnstructuredSSRequest_InvokeComp { invokeID ?, localValue 59, ussd_Arg { ussd_DataCodingScheme 'F0'O, ussd_String OC_CodingOfUssdString(ussdString) } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|---|
| Constraint Name: | ProcessUSSDReq_04(Invkid :OCTETSTRING; ussdString: IA5String) |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | ReturnResult for Process Unstructured SS request without information to the user |
| Constraint Value | |
| processUnstructuredSSRequestComponents | <pre> processUnstructuredSSRequest_ReturnResultComp { invokeID OC_OctToInvokeIDType(Invkid), result { localValue 59, ussd_Res { ussd_DataCodingScheme 'F0'O, ussd_String OC_CodingOfUssdString(ussdString) } } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|--|
| Constraint Name: | USSDReq_04(Invkid :OCTETSTRING; ussdString: IA5String) |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | ReturnResult for Unstructured SS request |
| Constraint Value | |
| unstructuredSSRequestComponents | <pre> unstructuredSSRequest_ReturnResultComp { invokeID OC_OctToInvokeIDType(Invkid), result { localValue 60, ussd_Res { ussd_DataCodingScheme 'F0'O, ussd_String OC_CodingOfUssdString(ussdString) } } } </pre> |
| Detailed Comments: | |

| ASN.1 Type Constraint Declaration | |
|--|---|
| Constraint Name: | USSDReq_05(Invkid :OCTETSTRING) |
| ASN.1 Type: | Component |
| Derivation Path: | |
| Comments: | Return Error for UnstructuredSS-Request with the error code USSD Busy |
| Constraint Value | |
| unstructuredSSRequestComponents | unstructuredSSRequest_ReturnErrorComp errorCodes { invokeID OC_OctToInvokeIDType(Invkid), errorCode ussd_Busy } |
| Detailed Comments: | |

ASP constraint declarations**TTCN ASP constraint declarations**

| ASP Constraint Declaration | | |
|-----------------------------------|------------------------------------|----------|
| Constraint Name: | Abort_01(ch: LOGICCH; par: REJCAU) | |
| ASP Type: | DL_DatRqAbrt | |
| Derivation Path: | | |
| Comments: | To send an Abort message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Abortmsg_01(par) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|-----------------------------------|-----------------------------|----------|
| Constraint Name: | Alert_01(Ti:Ti; ch:LOGICCH) | |
| ASP Type: | DL_DatRqAlert | |
| Derivation Path: | | |
| Comments: | To send a ALERTING message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Alerting_01(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|-----------------------------------|---|----------|
| Constraint Name: | Alert_02(ch:LOGICCH; alert:ALERT_PDU) | |
| ASP Type: | DL_DatRqAlert | |
| Derivation Path: | | |
| Comments: | To send a ALERTING message containing facility IE | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | alert | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AlertRcv_01 | |
| ASP Type: | DL_DatInAlert | |
| Derivation Path: | | |
| Comments: | To match any received ALERTING message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | AlertingInd_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | AlertRcv(pdu: ALERT_PDU) | |
| ASP Type: | DL_DatInAlert | |
| Derivation Path: | | |
| Comments: | To receive an ALERTING message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | AlertSnd(ch:LOGICCH; pdu: ALERT_PDU) | |
| ASP Type: | DL_DatRqAlert | |
| Derivation Path: | | |
| Comments: | To send an ALERTING message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AssCmd(ch:LOGICCH; pdu: ASS_CMD_PDU) | |
| ASP Type: | DL_DatRqAssCmd | |
| Derivation Path: | | |
| Comments: | To send an ASSIGNMENT COMMAND message which is assigned in send statement. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AssCmp_02(ch:LOGICCH) | |
| ASP Type: | DL_DatInAssCom | |
| Derivation Path: | | |
| Comments: | To match any received ASSIGNMENT COMPLETE message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | AsgnCmp_02 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--------------------------|----------|
| Constraint Name: | AssFI_02(ch:LOGICCH) | |
| ASP Type: | DL_DatInAssfl | |
| Derivation Path: | | |
| Comments: | protocol error undefined | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | AssgnFI_02 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|----------------------------|----------|
| Constraint Name: | AssFI_any_cau(ch: LOGICCH) | |
| ASP Type: | DL_DatInAssfl | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | AssgnFI_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AuthReq(ch: LOGICCH; pdu: AUTH_RQ_PDU) | |
| ASP Type: | DL_DatRqAuthRq | |
| Derivation Path: | | |
| Comments: | To send an AUTHENTICATION REQUEST message with default values. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AuthReq_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqAuthRq | |
| Derivation Path: | | |
| Comments: | To send an AUTHENTICATION REQUEST message with default values. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | AuthRequest_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AuthReq_02(ch: LOGICCH) | |
| ASP Type: | DL_DatRqAuthRq | |
| Derivation Path: | AuthReq_01. | |
| Comments: | To send an AUTHENTICATION REQUEST message to generate a new ciphering key (TSPX_RANDB) and new ciphering key sequence number (TSPX_CKSNB). | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | AuthRequest_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AuthReq_03(ch:LOGICCH) | |
| ASP Type: | DL_DatRqAuthRq | |
| Derivation Path: | | |
| Comments: | To send an AUTHENTICATION REQUEST message to generate a new ciphering key and new ciphering key sequence number which are different from default values and values generated by the AuthReq_02. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | AuthRequest_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AuthReq_05(ch: LOGICCH) | |
| ASP Type: | DL_DatRqAuthRq | |
| Derivation Path: | | |
| Comments: | To send an AUTHENTICATION REQUEST message with CKSN = TSPX_CKSNA and RAND = TSPX_RANDA. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | AuthRequest_05 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AuthReq_30(ch: LOGICCH; cksn: BITSTRING) | |
| ASP Type: | DL_DatRqAuthRq | |
| Derivation Path: | | |
| Comments: | To send an AUTHENTICATION REQUEST message. Used in MM cases. The CKSN shall be set in the variable TCV_cksn. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | AuthRequest_30(cksn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AuthReq_inv_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqAuthRq | |
| Derivation Path: | | |
| Comments: | To send an AUTHENTICATION REQUEST message containing arbitrary spare bits | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | AuthRequest_inv_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AuthRej_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqAuthRej | |
| Derivation Path: | | |
| Comments: | To send an AUTHENTICATION REJECT message with default values. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | AuthReject_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AuthRes(pdu: AUTH_RES_PDU) | |
| ASP Type: | DL_DatInAuthRes | |
| Derivation Path: | | |
| Comments: | To match any received AUTHENTICATION RESPONSE message which contains any SRES. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AuthRes_01 | |
| ASP Type: | DL_DatInAuthRes | |
| Derivation Path: | | |
| Comments: | To match any received AUTHENTICATION RESPONSE message which contains any SRES. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | AuthResponse_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CallCfm(pdu: CALL_CO_PDU) | |
| ASP Type: | DL_DatInCallCo | |
| Derivation Path: | | |
| Comments: | To receive a CC CALL CONFIRMED message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CallCfm_01 | |
| ASP Type: | DL_DatInCallCo | |
| Derivation Path: | | |
| Comments: | To receive any CC CALL CONFIRMED message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | CallConfirm_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CallCfm_20 | |
| ASP Type: | DL_DatInCallCo | |
| Derivation Path: | | |
| Comments: | To receive any CC CALL CONFIRMED message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | CallConfirm_20 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CallProc(ch: LOGICCH; pdu: CALL_PROC_PDU) | |
| ASP Type: | DL_DatRqCallProc | |
| Derivation Path: | | |
| Comments: | To send a CALL PROCEEDING message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CallProc_01(ti :TI; ch: LOGICCH) | |
| ASP Type: | DL_DatRqCallProc | |
| Derivation Path: | | |
| Comments: | To send a CALL PROCEEDING message containing mandatory IE's only. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CallProced_01(ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CallProc_04(ti :TI; ch:LOGICCH) | |
| ASP Type: | DL_DatRqCallProc | |
| Derivation Path: | | |
| Comments: | To send a CALL PROCEEDING message with bearer capability 1 assigned in the send statement. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CallProced_02(ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CallProc_inv_02(Ti:TI; ch: LOGICCH) | |
| ASP Type: | DL_DatRqCallProc | |
| Derivation Path: | | |
| Comments: | To send an invalid CC CALL PROCEEDING message containing unknown IEI | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CallProced_inv_02(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CCSt_01(Ti:Ti) | |
| ASP Type: | DL_DatInCcst | |
| Derivation Path: | | |
| Comments: | To match any received STATUS message with TI = Ti. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | CCStatus_01(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CCSt_02 | |
| ASP Type: | DL_DatInCcst | |
| Derivation Path: | | |
| Comments: | To receive a CC STATUS message containing cause value #97. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | CCStatus_02 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CCSt_03(Ti:Ti) | |
| ASP Type: | DL_DatInCcst | |
| Derivation Path: | CCSt_01. | |
| Comments: | To receive a CC STATUS message containing cause value #98 | |
| Parameter Name | Parameter Value | Comments |
| msg | CCStatus_03(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CCSt_04(Ti:Ti) | |
| ASP Type: | DL_DatInCcst | |
| Derivation Path: | CCSt_01. | |
| Comments: | To match a received CC STATUS message of which transaction ID is '1000'B and cause is #96 | |
| Parameter Name | Parameter Value | Comments |
| msg | CCStatus_04(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | CCSt_14(Ti:Ti; st:INTEGER) | |
| ASP Type: | DL_DatInCcst | |
| Derivation Path: | | |
| Comments: | CC state = `st`, cause = #30 | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | CCStatus_14(Ti, st) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CCSt_inv_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqCcst | |
| Derivation Path: | | |
| Comments: | To send a CC STATUS message without mandatory cause IE and call state IE. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CCStatus_inv_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CCStatusEnqSnd(ch: LOGICCH; pdu: CCST_ENQ_PDU) | |
| ASP Type: | DL_DatRqCcstEnq | |
| Derivation Path: | | |
| Comments: | To send a STATUS ENQUIRY message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CCStEq_01(Ti:Ti; ch: LOGICCH) | |
| ASP Type: | DL_DatRqCcstEnq | |
| Derivation Path: | | |
| Comments: | To send a STATUS ENQUIRY message on the channel TCv_ch1. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CCStatusEq_01(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | CCStatusRcv(pdu: CCST_PDU) | |
| ASP Type: | DL_DatInCcst | |
| Derivation Path: | | |
| Comments: | To receive a CC STATUS message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChmmoAck_01(chmd:CHMOD; ch:LOGICCH; chd:CHD) | |
| ASP Type: | DL_DatInChmmoAck | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ChmomoAck_01(chmd, chd) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChmmoAck_02(chmd:CHMOD; ch:LOGICCH; chd:CHD) | |
| ASP Type: | DL_DatInChmmoAck | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ChmomoAck_02(chmd, chd) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChmmoAckRcv(ch:LOGICCH; msg:CHMMO_ACK_PDU) | |
| ASP Type: | DL_DatInChmmoAck | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChmmoReq_01(chmd:CHMOD; ch:LOGICCH; chd:CHD) | |
| ASP Type: | DL_DatRqChmmo | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ChmomoReq_01(chmd, chd) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChmmoReq_02(chmd:CHMOD; ch: LOGICCH; chd:CHD) | |
| ASP Type: | DL_DatRqChmmo | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ChmomoReq_02(chmd, chd) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChmmoReqSnd(ch:LOGICCH; msg:CHMMO_PDU) | |
| ASP Type: | DL_DatRqChmmo | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | ChRel(ch: LOGICCH; pdu: CH_REL_PDU) | |
| ASP Type: | DL_DatRqChRel | |
| Derivation Path: | | |
| Comments: | To send a CHANNEL RELEASE message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRel_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqChRel | |
| Derivation Path: | | |
| Comments: | To send a CHANNEL RELEASE message with RR release cause = normal event, the channel to be released is `ch` | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ChRelease_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRel_20(ch: LOGICCH) | |
| ASP Type: | DL_DatRqChRel | |
| Derivation Path: | | |
| Comments: | To send a CHANNEL RELEASE message with RR release cause = normal event. Used variables: TCV_chmaindcch | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ChRelease_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRel_inv_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqChRel | |
| Derivation Path: | | |
| Comments: | To send a CHANNEL RELEASE message without mandatory RR release cause IE. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ChRelease_inv_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRel_inv_02(ch:LOGICCH) | |
| ASP Type: | DL_DatRqChRel | |
| Derivation Path: | | |
| Comments: | To send an invalid CHANNEL RELEASE message with skip indicator = 'H'6'. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ChRelease_inv_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRel_inv_03(ch:LOGICCH) | |
| ASP Type: | DL_DatRqChRelErr | |
| Derivation Path: | | |
| Comments: | To send a CHANNEL RELEASE message containing additional IE unknown in the RR protocol | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ChRelease_inv_03 | |
| Detailed Comments: | used in TC_26_5_6_3 | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChReq(pdu: CH_RQ_PDU) | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | | |
| Comments: | To receive a primitive containing a CHANNEL REQUEST message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| fn | ? | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChReq_01 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message which establishment cause is answer to paging ('100', '0010', '0011', '0001'). | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| fn | ? | |
| msg | ChRequest_17 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChReq_02 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing any CHANNEL REQUEST message. | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChReq_03 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing the CHANNEL REQUEST message in which the establishment cause is '0001'B (other procedures which can be completed with an SDCCH). | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChReq_04 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message which originates a call and TCH/F is needed, or originating call and the network does not set NECI bit to 1 (establishment cause = '111'B). | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_04 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChReq_05 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message containing establish cause = '0100'B "originating speech call from dual-rate mobile station when TCH/H is sufficient and the network sets NECI bit to 1". | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_05 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChReq_06 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message which originates a data call (establishment cause = '0101'B "originating data call from dual-rate mobile station when TCH/H is sufficient and the network sets NECI bit to 1"). | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_06 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChReq_07 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message with establishment cause = '0010'B | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_07 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChReq_08 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message with establishment cause = '0011'B | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_08 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChReq_09 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message with establishment cause = location updating ('000'B). | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_09 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChReq_10 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message with establishment cause = '110'B " call re-establishment" | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_10 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChReq_11 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message with establishment cause = '011010'B | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_11 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChReq_12 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message with establishment cause = '100'B | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_12 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChReq_13 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message with establishment cause = '100'B, or '0010'B or '0001'B | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_13 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChReq_14 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message with establishment cause = '100'B, or '0011'B or '0001'B | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_14 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChReq_15(ch:LOGICCH) | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | | |
| Comments: | To receive a CHANNEL REQUEST message in cell B | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| fn | ? | |
| msg | ChRequest_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChReq_16(ch:LOGICCH) | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message with establishment cause = '100'B | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| fn | ? | |
| msg | ChRequest_12 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChReq_17 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message which originates a call (establishment cause = '111'B, or '0100'B, or '0101'B or '101'B--- initiate outgoing call). | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_15 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChReq_18 | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | ChReq_01. | |
| Comments: | To match a received primitive containing CHANNEL REQUEST message which establishment cause is emergency call. | |
| Parameter Name | Parameter Value | Comments |
| msg | ChRequest_16 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChReq_20(ch:LOGICCH) | |
| ASP Type: | DL_RaInChRq | |
| Derivation Path: | | |
| Comments: | To receive a CHANNEL REQUEST message in cell B | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| fn | ? | |
| msg | ChRequest_09 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ClassChg_01 | |
| ASP Type: | DL_UdatnCImChn | |
| Derivation Path: | | |
| Comments: | to match a received CLASSMARK CHANGE message containing classmark2 indicating original rf power class | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ClassChange_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ClassChg_02 | |
| ASP Type: | DL_UdatnCImChn | |
| Derivation Path: | ClassChg_01. | |
| Comments: | to match a received CLASSMARK CHANGE message containing classmark2 indicating new rf power class with power amplification | |
| Parameter Name | Parameter Value | Comments |
| msg | ClassChange_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ClassChg_03 | |
| ASP Type: | DL_DatnCImChn | |
| Derivation Path: | | |
| Comments: | to match a received CLASSMARK CHANGE message containing classmark2 indicating original rf power class and possible classmark3. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ClassChange_03 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|----------------------------|----------|
| Constraint Name: | ClassMkEnq_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqCImEnq | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ClassMarkEnq_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-----------------|----------|
| Constraint Name: | CmreReq_02 | |
| ASP Type: | DL_EstInCmreRq | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | CMReEstReq_02 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-----------------|----------|
| Constraint Name: | CmreReq_03 | |
| ASP Type: | DL_EstInCmreRq | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | CMReEstReq_03 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CMSerAcp(ch:LOGICCH; pdu: CMS_ACP_PDU) | |
| ASP Type: | DL_DatRqCmsAcp | |
| Derivation Path: | | |
| Comments: | To send a CM service accept message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | CmserAcP_01(ch:LOGICCH) | |
| ASP Type: | DL_DatRqCmsAcP | |
| Derivation Path: | | |
| Comments: | To send a cm service accept message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CMServiceAcP_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CMSerRej(ch:LOGICCH; pdu: CMS_REJ_PDU) | |
| ASP Type: | DL_DatRqCmsRej | |
| Derivation Path: | | |
| Comments: | reject cause = "service or option not available, unspecified" | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | CmserRej_02(ch: LOGICCH) | |
| ASP Type: | DL_DatRqCmsRej | |
| Derivation Path: | | |
| Comments: | reject cause = "IMEI not accepted" | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CMServiceRej_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CmserRej_03(ch: LOGICCH) | |
| ASP Type: | DL_DatRqCmsRej | |
| Derivation Path: | | |
| Comments: | reject cause = "Service Option not supported" | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CMServiceRej_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | CmserRej_04(ch:LOGICCH) | |
| ASP Type: | DL_DatRqCmsRej | |
| Derivation Path: | | |
| Comments: | reject cause = "network failure" | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CMServiceRej_04 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CmserRej_30(par: REJCAU; ch: LOGICCH) | |
| ASP Type: | DL_DatRqCmsRej | |
| Derivation Path: | | |
| Comments: | reject cause = 'service or option not available, unsepcified" | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CMSerRej_30(par) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CMSerReq(pdu: CMS_RQ_PDU) | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | | |
| Comments: | To receive a CM SERVICE REQUEST message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmserReq_01 | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | | |
| Comments: | To match any received CM SERVICE REQUEST message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | CMSerReq_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmserDatReq_01 | |
| ASP Type: | DL_DatInCmsRq | |
| Derivation Path: | | |
| Comments: | To match any received CM SERVICE REQUEST message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | CMSerReq_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmserReq_02 | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | CmserReq_01. | |
| Comments: | To match a received CM SERVICE REQUEST message containing mobile station classmark 2 indicating new RF power capability. | |
| Parameter Name | Parameter Value | Comments |
| msg | CMSerReq_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmserReq_04 | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | CmserReq_01. | |
| Comments: | To match a received CM SERVICE REQUEST message containing CM service type = "Mobile originating call establishment or packet mode connection establishment" or "emergency call establishment". | |
| Parameter Name | Parameter Value | Comments |
| msg | CMSerReq_04 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmserReq_05(mi:MI) | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | | |
| Comments: | To match any received CM SERVICE REQUEST message for emergency call. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | CMSerReq_05(mi) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmserReq_06 | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | CmserReq_01. | |
| Comments: | To match any received CM SERVICE REQUEST message for emergency call with TMSI. | |
| Parameter Name | Parameter Value | Comments |
| msg | CMSerReq_06 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CmserReq_07 | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | CmserReq_01. | |
| Comments: | To match a received CM SERVICE REQUEST message for emergency call with IMEI and non-available CKSN. | |
| Parameter Name | Parameter Value | Comments |
| msg | CMSerReq_07 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmserReq_08 | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | CmserReq_01. | |
| Comments: | To match the received CM SERVICE REQUEST message indicating "supplementary service activation" | |
| Parameter Name | Parameter Value | Comments |
| msg | CMServiceReq_08 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmserDatReq_08 | |
| ASP Type: | DL_DatInCmsRq | |
| Derivation Path: | | |
| Comments: | To match the received CM SERVICE REQUEST message indicating "supplementary service activation" | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | CMServiceReq_08 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmserReq_09 | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | CmserReq_01. | |
| Comments: | To match the received CM SERVICE REQUEST message indicating "short message transfer" | |
| Parameter Name | Parameter Value | Comments |
| msg | CMServiceReq_09 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmserDatReq_09 | |
| ASP Type: | DL_DatInCmsRq | |
| Derivation Path: | | |
| Comments: | To match the received CM SERVICE REQUEST message indicating "short message transfer" | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | CMServiceReq_09 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmsrReq_30(parexpected_mi: MI) | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | | |
| Comments: | To match any received CM SERVICE REQUEST message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | CMSrReq_30(parexpected_mi) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmsrReq_31(parexpected_mi: MI; cksn: BITSTRING) | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | | |
| Comments: | To match any received CM SERVICE REQUEST message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | CMSrReq_31(parexpected_mi, cksn) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CmsrReq_32(parexpected_mi: MI; cksn: BITSTRING) | |
| ASP Type: | DL_EstInCmsRq | |
| Derivation Path: | | |
| Comments: | To match any received CM SERVICE REQUEST message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | CMSrReq_32(parexpected_mi, cksn) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | ConnAck_01(ch:LOGICCH) | |
| ASP Type: | DL_DatRqConnAck | |
| Derivation Path: | | |
| Comments: | To send a CONNECT ACKNOWLEDGE message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ConnectAck_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | ConnAck_20(ch: LOGICCH) | |
| ASP Type: | DL_DatRqConnAck | |
| Derivation Path: | | |
| Comments: | To send a CONNECT ACKNOWLEDGE message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ConnectAck_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ConnAckRcv(pdu: CONN_ACK_PDU) | |
| ASP Type: | DL_DatInConnAck | |
| Derivation Path: | | |
| Comments: | To receive a CONNECT ACKNOWLEDGE message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ConnAckRcv_01(Ti:TI) | |
| ASP Type: | DL_DatInConnAck | |
| Derivation Path: | | |
| Comments: | To match any received CONNECT ACKNOWLEDGE message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ConnectAck_02(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ConnAckSnd(ch:LOGICCH; pdu: CONN_ACK_PDU) | |
| ASP Type: | DL_DatRqConnAck | |
| Derivation Path: | | |
| Comments: | To send a CONNECT ACKNOWLEDGE message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Conn_01(Ti:TI; ch: LOGICCH) | |
| ASP Type: | DL_DatRqConn | |
| Derivation Path: | | |
| Comments: | To send a CC CONNECT message containing mandatory IE's only. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Connect_02(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | Conn_03(ch: LOGICCH; conn:CONN_PDU) | |
| ASP Type: | DL_DatRqConn | |
| Derivation Path: | | |
| Comments: | To send a CC CONNECT message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | conn | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Conn_inv_01(Ti:TI; ch:LOGICCH) | |
| ASP Type: | DL_DatRqConnErr | |
| Derivation Path: | | |
| Comments: | To send a CC CONNECT message containing a mandatory IE coded as comprehension required. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Connect_inv_01(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | ConnRcv(pdu: CONN_PDU) | |
| ASP Type: | DL_DatInConn | |
| Derivation Path: | | |
| Comments: | To receive a CC CONNECT message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ConnRcv_01 | |
| ASP Type: | DL_DatInConn | |
| Derivation Path: | | |
| Comments: | To match a received CONNECT message containing any value. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | Connect_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ConnRcv_03(ch:LOGICCH) | |
| ASP Type: | DL_DatInConn | |
| Derivation Path: | | |
| Comments: | To match a received CONNECT message containing any value on channel `ch`. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Connect_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | ConnSnd(ch: LOGICCH; pdu: CONN_PDU) | |
| ASP Type: | DL_DatRqConn | |
| Derivation Path: | | |
| Comments: | To send a CC CONNECT message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCmd(ch: LOGICCH; pdu: CPHM_CMD_PDU) | |
| ASP Type: | DL_DatRqCphmCmd | |
| Derivation Path: | | |
| Comments: | To send a CIPHERING MODE COMMAND message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCmd_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqCphmCmd | |
| Derivation Path: | | |
| Comments: | To send a CIPHERING MODE COMMAND message with ciphering mode = "ciphering on" and IMEISV not included.. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CphModeCmd_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCmd_02(ch:LOGICCH) | |
| ASP Type: | DL_DatRqCphmCmd | |
| Derivation Path: | CphCmd_01. | |
| Comments: | To send a CIPHERING MODE COMMAND message with ciphering mode = no ciphering and IMEISV not be included. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | CphModeCmd_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CphCmd_03(ch:LOGICCH) | |
| ASP Type: | DL_DatRqCphmCmd | |
| Derivation Path: | CphCmd_01. | |
| Comments: | To send a CIPHERING MODE COMMAND message with ciphering mode = no ciphering and IMEISV included. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | CphModeCmd_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCmd_04(ch:LOGICCH) | |
| ASP Type: | DL_DatRqCphmCmd | |
| Derivation Path: | | |
| Comments: | To send a CIPHERING MODE COMMAND message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CphModeCmd_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCmd_05(ch: LOGICCH) | |
| ASP Type: | DL_DatRqCphmCmd | |
| Derivation Path: | | |
| Comments: | To send a CIPHERING MODE COMMAND message with no ciphering. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CphModeCmd_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCmd_inv_01(ch:LOGICCH) | |
| ASP Type: | DL_DatRqCphmCmd | |
| Derivation Path: | | |
| Comments: | To send an invalid CIPHERING MODE COMMAND message in which mandatory IE's are missing | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CphModeCmd_inv_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCmd_inv_02(ch:LOGICCH) | |
| ASP Type: | DL_DatRqCphmCmd | |
| Derivation Path: | | |
| Comments: | To send a CIPHERING MODE COMMAND message with incorrect skip indicator. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CphModeCmd_inv_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCmd_inv_03(ch:LOGICCH) | |
| ASP Type: | DL_DatRqCphmCmdErr | |
| Derivation Path: | | |
| Comments: | To send a CIPHERING MODE COMMAND message containing additional unknown IE | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | CphModeCmd_inv_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCmp_01 | |
| ASP Type: | DL_DatInCphmCom | |
| Derivation Path: | | |
| Comments: | To match any received CIPHERING MODE COMPLETE message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | CphModeCmp_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCmp_02 | |
| ASP Type: | DL_DatInCphmCom | |
| Derivation Path: | CphCmp_01. | |
| Comments: | To match a received CIPHERING MODE COMPLETE message without IMEISV. | |
| Parameter Name | Parameter Value | Comments |
| msg | CphModeCmp_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCmp_03 | |
| ASP Type: | DL_DatInCphmCom | |
| Derivation Path: | CphCmp_01. | |
| Comments: | To match a received CIPHERING MODE COMPLETE message containing IMEISV | |
| Parameter Name | Parameter Value | Comments |
| msg | CphModeCmp_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphCom(pdu: CPHM_COM_PDU) | |
| ASP Type: | DL_DatInCphmCom | |
| Derivation Path: | | |
| Comments: | To receive a CIPHERING MODE COMPLETE message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Disc_inv_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqDisc | |
| Derivation Path: | | |
| Comments: | To send a DISCONNECT message containing the transaction ID not refer to the active call. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Disconn_inv_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Disc_inv_02(ch: LOGICCH) | |
| ASP Type: | DL_DatRqDisc | |
| Derivation Path: | | |
| Comments: | To send an invalid DISCONNECT message with mandatory IE cause missing. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Disconn_inv_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Disc_inv_03(ch:LOGICCH) | |
| ASP Type: | DL_DatRqDiscErr | |
| Derivation Path: | | |
| Comments: | To send a DISCONNECT message containing unknown IEI | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Disconn_inv_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Disc_inv_04(ch:LOGICCH) | |
| ASP Type: | DL_DatRqDisc | |
| Derivation Path: | | |
| Comments: | To send a DISCONNECT message containing arbitrary spare bits | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Disconn_inv_04 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Disc_inv_05(ch: LOGICCH) | |
| ASP Type: | DL_DatRqDisc | |
| Derivation Path: | | |
| Comments: | To send a DISCONNECT message containing the transaction ID '0111'B. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Disconn_inv_05 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | DiscRcv(ch:LOGICCH; pdu: DISC_PDU) | |
| ASP Type: | DL_DatInDisc | |
| Derivation Path: | | |
| Comments: | To match a received DISCONNECT message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | DiscSnd(ch:LOGICCH; pdu: DISC_PDU) | |
| ASP Type: | DL_DatRqDisc | |
| Derivation Path: | | |
| Comments: | To send a DISCONNECT message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | DLEstCo_01(ch:LOGICCH) | |
| ASP Type: | DL_EstCo | |
| Derivation Path: | | |
| Comments: | The ASP is used by the L2 to inform the L3 about the establishment of multiple frame link (L2 -> L3). | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ch | |
| establish_mode | C_Norm | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | DLEstCo_02(ch: LOGICCH) | |
| ASP Type: | DL_EstCo | |
| Derivation Path: | | |
| Comments: | The ASP is used by the L2 to inform the L3 about the establishment of multiple frame link (L2 -> L3). | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ch | |
| establish_mode | C_Norm | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | DLEstRq_01(ch:LOGICCH) | |
| ASP Type: | DL_EstRq | |
| Derivation Path: | | |
| Comments: | Request of a layer 2 connection establishment | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ch | |
| establish_mode | C_Norm | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | DLEstRq_02(ch: LOGICCH) | |
| ASP Type: | DL_EstRq | |
| Derivation Path: | | |
| Comments: | Request of a layer 2 connection establishment | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ch | |
| establish_mode | C_Norm | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | DLEstInd(ch :LOGICCH) | |
| ASP Type: | DL_EstIn | |
| Derivation Path: | | |
| Comments: | Indication of a layer 2 connection establishment | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| establish_mode | ? | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | DLEstInd_01 | |
| ASP Type: | DL_EstIn | |
| Derivation Path: | | |
| Comments: | Indication of a layer 2 connection establishment | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | DLEstInd_02 | |
| ASP Type: | DL_EstIn | |
| Derivation Path: | | |
| Comments: | Indication of a layer 2 connection establishment | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ? | |
| establish_mode | ? | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | DLRelInd_01 | |
| ASP Type: | DL_RelIn | |
| Derivation Path: | | |
| Comments: | Layer 2 indication of the layer 2 connection has been released. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| release_mode | ? | |
| outstanding_indicator | ? | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | DLRelInd_02 | |
| ASP Type: | DL_Relln | |
| Derivation Path: | | |
| Comments: | Layer 2 indication of the layer 2 connection has been released. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| release_mode | C_LocEndRel | |
| outstanding_indicator | ? | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ESetupInd_01 | |
| ASP Type: | DL_DatInESetup | |
| Derivation Path: | | |
| Comments: | To receive a SETUP message containing full rate speech bearer capability. It is also used in the test cases where the value of bearer capability is not care . It is used in MM test cases. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ESetup_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ESetupInd_02 | |
| ASP Type: | DL_DatInESetup | |
| Derivation Path: | | |
| Comments: | To receive a emergency call SETUP message containing bearer capability IE indicating "full rate channel" or containing no bearer capability at all. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ESetup_02 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ESetupInd_03 | |
| ASP Type: | DL_DatInESetup | |
| Derivation Path: | | |
| Comments: | To receive a emergency call SETUP message containing bearer capability IE. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ESetup_03 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ESetupRcv(pdu: ESETUP_PDU) | |
| ASP Type: | DL_DatInESetup | |
| Derivation Path: | | |
| Comments: | To receive an emergency call SETUP message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Facility_03(fac:FAC_PDU) | |
| ASP Type: | DL_DatInFac | |
| Derivation Path: | | |
| Comments: | To receive a FACILITY message containing build multiparty request | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | fac | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | Facility_04(Ti :Ti) | |
| ASP Type: | DL_DatInFac | |
| Derivation Path: | | |
| Comments: | To receive any FACILITY message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | FacilityPdu_05(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FacilityRq_07(ch:LOGICCH; fac:FAC_PDU) | |
| ASP Type: | DL_DatRqFac | |
| Derivation Path: | | |
| Comments: | To send the FACILITY message passed by 'fac' | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | fac | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FrqRedf_01(ch:LOGICCH; chd:CHD; ma:MA; strt:STRT; cchd:CCHD) | |
| ASP Type: | DL_DatRqFrqre | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | FrqRedef_01(chd, ma, strt, cchd) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FrqRedf_02(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqFrqre | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_3. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | FrqRedef_02(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FrqRedf_03(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqFrqre | |
| Derivation Path: | FrqRedf_02. | |
| Comments: | used in TC_26_6_13_4. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | FrqRedef_03(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FrqRedf_04(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqFrqre | |
| Derivation Path: | FrqRedf_02. | |
| Comments: | used in TC_26_6_13_7. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | FrqRedef_04(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FrqRedf_05(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqFrqre | |
| Derivation Path: | FrqRedf_02. | |
| Comments: | used in TC_26_6_13_8. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | FrqRedef_05(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | FrqRedf_20(ch:LOGICCH; ts_ccch: BITSTRING; par_chtype:BITSTRING; par_cchd: OCTETSTRING; par_ma:BITSTRING; par_stime:STRT) | |
| ASP Type: | DL_DatRqFrqre | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | FreqRedef_20(ts_ccch, par_chtype, par_cchd, par_ma, par_stime) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FrqRedf_21(ch:LOGICCH; ts_ccch: BITSTRING; par_chtype:BITSTRING; par_ma:BITSTRING; par_stime:STRT) | |
| ASP Type: | DL_DatRqFrqre | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | FreqRedef_21(ts_ccch, par_chtype, par_ma, par_stime) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | FrqRedf_22(ch:LOGICCH; ts_ccch: BITSTRING; par_chtype:BITSTRING; par_cchd: OCTETSTRING; par_ma1:BITSTRING; par_ma2:BITSTRING; par_stime:STRT) | |
| ASP Type: | DL_DatRqFrqre | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | FreqRedef_22(ts_ccch, par_chtype, par_cchd, par_ma1, par_ma2, par_stime) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_sdcch4(ch:LOGICCH; subch:BITSTRING; slot:SN; tsc:TSC; cphms:CPHMS; arfcn:INTEGER) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a SDCCH4 subchannel TSPX_SDCCH4SubB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_sdcch4(subch, slot, tsc, cphms, arfcn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_dsdccch4(ch:LOGICCH; subch:BITSTRING; slot:SN; tsc:TSC; cphms:CPHMS; arfcn:INTEGER) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a SDCCH4 subchannel TSPX_SDCCH4SubB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_dsdccch4(subch, slot, tsc, cphms, arfcn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_05(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND assigning the TCH/F channel of cell B in GSM test. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_05(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_06(ch:LOGICCH; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND assigning the TCH/F channel of cell B in DCS test. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_06(slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_07(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | HndOv_05. | |
| Comments: | To send a HANOVER COMMAND assigning the TCH/F channel of cell B. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | HandOverCmd_07(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_08(ch: LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | HndOv_05. | |
| Comments: | To send a HANOVER COMMAND assigning the TCH/F channel of cell B. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | HandOverCmd_08(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_09(ch: LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | HndOv_05. | |
| Comments: | To send a HANOVER COMMAND assigning the TCH/F channel of cell B, non-synchronized, pwrlvl = 8. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | HandOverCmd_09(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_12(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND assigning the TCH/F channel of cell B in DCS test. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_12(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_13(ch:LOGICCH; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND assigning the TCH/F channel of cell B in DCS test. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_13(slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_14(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND assigning the TCH/F channel of cell B in DCS test. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_14(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_15(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND assigning the TCH/F channel of cell B in DCS test. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_15(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_16(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND assigning the TCH/F channel of cell B in DCS test. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_16(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_20(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; arfcn: INTEGER; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | Basic constraint to send HANDOVER COMMAND indicating a SDCCH4 subchannel which TDMA offset is one high than the TSPX_SDCCH4. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_20(ho_ref, ts_ccch, arfcn, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_21_A(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; arfcn: INTEGER; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | HndOv_20. | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/F_NonFH in cell A. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | HandOverCmd_21_A(ho_ref, ts_ccch, arfcn, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_21_B(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; arfcn: INTEGER; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | HndOv_20. | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/F non FH in CELL B. For GSM900 and CS1800. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | HandOverCmd_21_B(ho_ref, ts_ccch, arfcn, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | HndOv_21_B2(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; arfcn: INTEGER; pow:BITSTRING; ta:TA; strt:STRT) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/F_NonFH in cell B. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_21_B2(ho_ref, ts_ccch, arfcn, pow, ta, strt) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | HndOv_22(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/F FH in cell A. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|-----------------------------------|---|----------|
| Constraint Name: | HndOv_22d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/F FH in cell A. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | HndOv_22_B1(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING;pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/F FH in cell B. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B1(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_22_B1d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING;pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/F FH in cell B. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B1d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_22_B1e(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING;pow:BITSTRING; par_chtype:BITSTRING; par_flist:OCTETSTRING; par_flistl: OCTETSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/F FH in cell B, specified for EGSM. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B1e(ho_ref, ts_ccch, pow, par_chtype, par_flist, par_flistl, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_22_B2e(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING;pow:BITSTRING; par_chtype:BITSTRING; par_flist:OCTETSTRING; par_flistl: OCTETSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/F FH in cell B, specified for EGSM. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B2e(ho_ref, ts_ccch, pow, par_chtype, par_flist, par_flistl, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_22_B3e(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING;pow:BITSTRING; par_chtype:BITSTRING; par_cchd: OCTETSTRING; par_ma1:BITSTRING; par_ma2:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/F FH in cell B, specified for EGSM. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B3e(ho_ref, ts_ccch, pow, par_chtype, par_cchd, par_ma1,par_ma2, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_22_B2(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/F FH in cell B. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B2(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_22_B2d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/F FH in cell B. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B2d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_22_B3(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/F FH in cell B. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B3(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_22_B3d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/F FH in cell B. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B3d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_22_B4(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/F FH in cell B. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B4(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_22_B4d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/F FH in cell B. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B4d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_22_B5(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/F FH in cell B in synchronized case. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B5(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_22_B5d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/F FH in cell B in synchronized case. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_22_B5d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_23_A1(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; arfcn: INTEGER; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/H_NonFH of cellA. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_23_A1(ho_ref, ts_ccch, arfcn, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_23_B1(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; arfcn: INTEGER;pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/H_NonFH of cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_23_B1(ho_ref, ts_ccch, arfcn, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_24_A1(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/H_FH of cellA. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_24_A1(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_24_A1d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/H_FH of cellA for DCS1800. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_24_A1d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_24_B1(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/H_FH of cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_24_B1(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_24_B1d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/H_FH of cellB for DCS1800. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_24_B1d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_24_B2(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/H_FH of cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_24_B2(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_24_B2d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a TCH/H_FH of cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_24_B2d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_24_B3(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/H_FH in cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_24_B3(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_24_B3d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/H_FH in cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_24_B3d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_24_B4(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/H_FH in cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_24_B4(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_24_B4d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a TCH/H_FH in cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_24_B4d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_25_B1(ho_ref: HORF; ch: LOGICCH;slot:SN; tsc :TSC; arfcn: INTEGER;pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a SDCCH4_NoFH in cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_25_B1(ho_ref, slot, tsc, arfcn, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_28_B1(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a SDCCH8_FH in cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_28_B1(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_28_B1d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a SDCCH8_FH in cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_28_B1d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_28_B2(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a SDCCH8_FH in cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_28_B2(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_28_B2d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a SDCCH8_FH in cellB. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_28_B2d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_28_B3(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a SDCCH8_FH in cellB in synchronized case. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_28_B3(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_28_B3d(ho_ref: HORF; ch: LOGICCH;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a SDCCH8_FH in cellB in synchronized case. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_28_B3d(ho_ref, ts_ccch, pow, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|--|--|----------|
| Constraint Name: | HndOv_32(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANDOVER COMMAND indicating a hopping channel in cell B, for GSM | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_32(slot, tsc) | |
| Detailed Comments: used in TC_26_6_13_5 only. | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_33(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a hopping channel in cell B, for DCS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_33(slot, tsc) | |
| Detailed Comments: | used in TC_26_6_13_5 only. | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_34(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a hopping channel in cell B, for GSM | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_34(slot, tsc) | |
| Detailed Comments: | used in TC_26_6_13_6 only. | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_35(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a hopping channel in cell B, for DCS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_35(slot, tsc) | |
| Detailed Comments: | used in TC_26_6_13_6 only. | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_36(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a hopping channel in cell B, for GSM | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_36(slot, tsc) | |
| Detailed Comments: | used in TC_26_6_13_7 only. | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_37(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a hopping channel in cell B, for DCS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_37(slot, tsc) | |
| Detailed Comments: | used in TC_26_6_13_7 only. | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_38(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a hopping channel in cell B, for GSM | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_38(slot, tsc) | |
| Detailed Comments: | used in TC_26_6_13_8 only. | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_39(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a hopping channel in cell B, for DCS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_39(slot, tsc) | |
| Detailed Comments: | used in TC_26_6_13_8 only. | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_40(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a channel in cell A, for GSM | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_40(slot, tsc) | |
| Detailed Comments: | used in TC_26_6_3_4 only. | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOv_41(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a channel in cell A, for DCS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_41(slot, tsc) | |
| Detailed Comments: | used in TC_26_6_3_4 only. | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOvSnd(ch:LOGICCH; msg:HO_CMD_PDU) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND indicating a finely synchronized intra cell handover. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_inv_01(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND which contains in the non-imperative part an IE encoded as comprehension required. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_inv_02(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOv_inv_02(ch:LOGICCH; slot:SN; tsc:TSC) | |
| ASP Type: | DL_DatRqHoCmd | |
| Derivation Path: | | |
| Comments: | To send a HANOVER COMMAND message containing invalid skip indicator. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmd_inv_01(slot, tsc) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOvAcc_01 | |
| ASP Type: | DL_RaInHoacc | |
| Derivation Path: | | |
| Comments: | To received any HANOVER ACCESS message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | HandOverAcc_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOvAcc_02(ch: LOGICCH) | |
| ASP Type: | DL_RaInHoacc | |
| Derivation Path: | | |
| Comments: | To received any HANOVER ACCESS message on channel `ch`. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverAcc_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOvAcc_03(ch: LOGICCH; href :HORF) | |
| ASP Type: | DL_RaInHoacc | |
| Derivation Path: | | |
| Comments: | To received a HANOVER ACCESS message with handover reference `href` on channel `ch`. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverAcc_02(href) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOvAcc_20(ch: LOGICCH; ho_ref: HORF) | |
| ASP Type: | DL_RaInHoacc | |
| Derivation Path: | | |
| Comments: | To match any received HANOVER ACCESS message in HO-cases. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverAcc_02(ho_ref) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOvAccRcv(ch: LOGICCH; msg:HOACC_PDU) | |
| ASP Type: | DL_RaInHoacc | |
| Derivation Path: | | |
| Comments: | To received any HANOVER ACCESS message on channel `ch`. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOvFI_01(ch:LOGICCH) | |
| ASP Type: | DL_DatInHofI | |
| Derivation Path: | | |
| Comments: | To match a received HANOVER FAILURE message containing any RR cause. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOvFail_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOvFI_02(ch:LOGICCH) | |
| ASP Type: | DL_DatInHofl | |
| Derivation Path: | HndOvFI_01. | |
| Comments: | To match a received HANDOVER FAILURE message containing RR cause = "abnormal release, unspecified" or "abnormal release, channel unacceptable" or "abnormal release, no activity on the radio path" or "abnormal release, timer expired". | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | HandOvFail_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOvFIRcv(ch:LOGICCH; msg :HOFL_PDU) | |
| ASP Type: | DL_DatInHofl | |
| Derivation Path: | | |
| Comments: | To match a received HANDOVER FAILURE message containing any RR cause. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOvCmp_01(ch:LOGICCH) | |
| ASP Type: | DL_DatInHoCom | |
| Derivation Path: | | |
| Comments: | To receive any HANDOVER COMPLETE message on channel ch. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmp_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOvCmp_02(ch:LOGICCH) | |
| ASP Type: | DL_DatInHoCom | |
| Derivation Path: | HndOvCmp_01. | |
| Comments: | To receive a HANDOVER COMPLETE message on channel ch containing real time difference IE. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | HandOverCmp_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOvCmp_03(ch:LOGICCH) | |
| ASP Type: | DL_DatInHoCom | |
| Derivation Path: | | |
| Comments: | To receive a HANDOVER COMPLETE message with mobile time difference = $(2 * TSPX_k + TSPX_y) \bmod 2\ 097\ 152$ on channel `ch`. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmp_03 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HndOvCmp_04(ch:LOGICCH) | |
| ASP Type: | DL_DatInHoCom | |
| Derivation Path: | HndOvCmp_01. | |
| Comments: | To receive a HANDOVER COMPLETE message on channel ch containing real time difference IE. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | HandOverCmp_04 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOvCmp_20(ch: LOGICCH) | |
| ASP Type: | DL_DatInHoCom | |
| Derivation Path: | | |
| Comments: | To receive any HANDOVER COMPLETE message on channel ch. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HandOverCmp_20 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HndOvCmpRcv(ch:LOGICCH; msg:HO_COM_PDU) | |
| ASP Type: | DL_DatInHoCom | |
| Derivation Path: | | |
| Comments: | To receive any HANDOVER COMPLETE message on channel ch. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | Hold_01(Ti:Ti) | |
| ASP Type: | DL_DatInHold | |
| Derivation Path: | | |
| Comments: | To receive any HOLD message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | Holdpdu_01(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | HoldAck_01(Ti:Ti; ch:LOGICCH) | |
| ASP Type: | DL_DatRqHoldAck | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | HoldAckpdu_01(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | IDReq(ch:LOGICCH; pdu: ID_RQ_PDU) | |
| ASP Type: | DL_DatRqIdRq | |
| Derivation Path: | | |
| Comments: | To send IDENTITY REQUEST message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | IDReq_inv_01(ch: LOGICCH; skip :INTEGER) | |
| ASP Type: | DL_DatRqIdRq | |
| Derivation Path: | | |
| Comments: | To send an IDENTITY REQUEST message containing incorrect skip indicator. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | IDRequest_inv_01(skip) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | IDReq_inv_02(ch: LOGICCH) | |
| ASP Type: | DL_DatRqldRq | |
| Derivation Path: | | |
| Comments: | To send an IDENTITY REQUEST message with reserved identity type value | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | IDRequest_inv_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | IDReq_inv_03(ch:LOGICCH) | |
| ASP Type: | DL_DatRqldRq | |
| Derivation Path: | | |
| Comments: | To send an IDENTITY REQUEST message containing arbitrary spare bits | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | IDRequest_inv_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | IDRes(pdu: ID_RES_PDU) | |
| ASP Type: | DL_DatInIdRes | |
| Derivation Path: | | |
| Comments: | To receive a IDENTITY RESPONSE message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | IDRes_01 | |
| ASP Type: | DL_DatInIdRes | |
| Derivation Path: | | |
| Comments: | To match a received IDENTITY RESPONSE message containing any mobile identity. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | IDResponse_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | IDRes_02 | |
| ASP Type: | DL_DatInIdRes | |
| Derivation Path: | | |
| Comments: | To match an IDENTITY RESPONSE message which contains TMSI of the MS under test | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | IDResponse_02 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | IDRes_30(par:MI) | |
| ASP Type: | DL_DatInIdRes | |
| Derivation Path: | | |
| Comments: | To match a received IDENTITY RESPONSE message containing given mobile identity. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | IDResponse_30(par) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss(ch: LOGICCH; pdu: IMM_ASS_PDU) | |
| ASP Type: | DL_UdatRqImmAss | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_01(ch:LOGICCH; Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA; par_arfcn: INTEGER) | |
| ASP Type: | DL_UdatRqImmAss | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/4 subchannel defined by TSPX_SDCCH4SubDef for the MS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_01(Rr, Fn, slot, tsc, ta, par_arfcn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_01Def(ch:LOGICCH;Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; par_arfcn: INTEGER; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/4 subchannel defined by TSPX_SDCCH4SubDef for the MS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_01Def(Rr, Fn, slot, tsc, par_arfcn, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_02(ch:LOGICCH;Rr: BITSTRING; Fn: FN; ta:TA; chd:CHD; ma:MA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns a frequency hopping channel the MS, the channel type is specified in the send statement. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_02(Rr, Fn, ta, chd, ma) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_06(ch:LOGICCH; Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/4 channel of cell B for the MS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_06(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_21(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; par_arfcn: INTEGER; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the TCH/F_NonFH channel for the MS. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_21(Rr, Fn, ts_ccch, par_arfcn, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_221(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; ta:TA) | |
| ASP Type: | DL_UdatRqImmss | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the TCH/F_FH channel for the MS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_221(Rr, Fn, ts_ccch, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_242(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; ta:TA) | |
| ASP Type: | DL_UdatRqImmss | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the TCH/H_FH channel for the MS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_242(Rr, Fn, ts_ccch, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_243(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; ta:TA) | |
| ASP Type: | DL_UdatRqImmss | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the TCH/H_FH channel for the MS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_243(Rr, Fn, ts_ccch, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_27(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; par_arfcn: INTEGER; ta:TA) | |
| ASP Type: | DL_UdatRqImmss | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 NoFH channel for the MS. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_27(Rr, Fn, ts_ccch, par_arfcn, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_E_01(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; tsc:TSC; par_arfcn: INTEGER; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 NoFH channel for the MS. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_E_01(Rr, Fn, ts_ccch, tsc, par_arfcn, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_E_02(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 FH channel for the MS in E-GSM cases. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_E_02(Rr, Fn, ts_ccch, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_281(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 FH channel for the MS. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_281(Rr, Fn, ts_ccch, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_281d(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 FH channel for the MS. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_281d(Rr, Fn, ts_ccch, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_281e2(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 FH channel for the MS in E-GSM cases, specified for 26.10.5.1. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_281e2(Rr, Fn, ts_ccch, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_282(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 FH channel for the MS. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_282(Rr, Fn, ts_ccch, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_282d(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 FH channel for the MS. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_282d(Rr, Fn, ts_ccch, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_283(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 FH channel for the MS. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_283(Rr, Fn, ts_ccch, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_283d(Rr: BITSTRING; Fn: FN; ch:LOGICCH; ts_ccch: BITSTRING; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 FH channel for the MS. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_283d(Rr, Fn, ts_ccch, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_inv_01(ch:LOGICCH;Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; arfcn:INTEGER; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message contains an unknown skip indicator ('0001'B) | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_inv_01(Rr, Fn, slot, tsc, arfcn, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_inv_04(ch:LOGICCH;Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message containing arbitrary spare bits. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_inv_04(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_r(ch:LOGICCH;chd:CHD; Rr: BITSTRING; Fn: FN; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r(chd,Rr,Fn, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_r02(ch:LOGICCH;Rr: BITSTRING; Fn: FN; sub:BITSTRING; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 channel for the MS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r02(Rr, Fn, sub, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_r02d(ch:LOGICCH;Rr: BITSTRING; Fn: FN; sub:BITSTRING; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 channel for the MS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r02d(Rr, Fn, sub, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_r10(ch:LOGICCH;Rr: BITSTRING; Fn: FN; sub:BITSTRING; slot:SN; tsc:TSC; ta:TA; arfcn:INTEGER) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/4 channel for the MS for RR tests. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r10(Rr, Fn, sub, slot, tsc, ta, arfcn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_r13(ch:LOGICCH;Rr: BITSTRING; Fn: FN; chd:CHD; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the TCH/F channel for the MS with a time advance of 30 bit periods. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r13(Rr, Fn, chd, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_r14(ch:LOGICCH;Rr: BITSTRING; Fn: FN; chd:CHD; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the TCH/H channel for the MS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r14(Rr, Fn, chd, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_r27(ch:LOGICCH;Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 channel for the MS for TC_26_6_13_1. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r27(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_r28(Rr: BITSTRING; Fn: FN; ch:LOGICCH; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH/8 channel for the MS for TC_26_6_13_2. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r28(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_r29(Rr: BITSTRING; Fn: FN; ch:LOGICCH; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the channel defined by PIXIT, used in TC_26_6_13_3. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r29(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_r30(Rr: BITSTRING; Fn: FN; ch:LOGICCH; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the channel defined by PIXIT, used in TC_26_6_13_4. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r30(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_r31(Rr: BITSTRING; Fn: FN; ch:LOGICCH; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns hopping SDCCH8 channel, used in TC_26_6_13_5. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r31(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_r32(Rr: BITSTRING; Fn: FN; ch:LOGICCH; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns hopping SDCCH8 channel, used in TC_26_6_13_6. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r32(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_r33(Rr: BITSTRING; Fn: FN; ch:LOGICCH; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the channel defined by PIXIT, used in TC_26_6_13_7. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r33(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_r34(Rr: BITSTRING; Fn: FN; ch:LOGICCH; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the channel defined by PIXIT, used in TC_26_6_13_8. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r34(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAss_r35(Rr: BITSTRING; Fn: FN; ch:LOGICCH; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the channel defined by PIXIT, used in TC_26_6_13_9. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r35(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_r36(Rr: BITSTRING; Fn: FN; ch:LOGICCH; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the channel defined by PIXIT, used in TC_26_6_13_10. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_r36(Rr, Fn, slot, tsc, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAss_sdcch8(ch:LOGICCH;Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; subch:BITSTRING; arfcn:INTEGER; ta:TA) | |
| ASP Type: | DL_UdatRqImm | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message which assigns the SDCCH8 channel for the MS. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgn_sdcch8(Rr, Fn, slot, tsc, subch, arfcn, ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAssSp_1(ch:LOGICCH; pgg:PGG; msg:IMMASS_PDU) | |
| ASP Type: | DL_UdatRqImmss_sp | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT message on the MS paging channel. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| pgg | pgg | |
| msg | msg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|--|--|----------|
| Constraint Name: | ImmAssX_r01(ch:LOGICCH;Rr: BITSTRING; Fn: FN; Rr_9: BITSTRING; Fn_9: FN; slot:SN; tsc:TSC; ta:TA; arfcn:INTEGER) | |
| ASP Type: | DL_UdatRqImmssx | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT EXTENDED message which assigns the SDCCH/4 channel for the MS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnX_r01(Rr, Fn, Rr_9, Fn_9, slot, tsc, ta, arfcn) | |
| Detailed Comments: The request reference (Rr, Fn) is used for the MS1, whilst (Rr_9, Fn_9) for MS2. | | |

| ASP Constraint Declaration | | |
|--|---|----------|
| Constraint Name: | ImmAssX_r01d(ch:LOGICCH;Rr: BITSTRING; Fn: FN; Rr_9: BITSTRING; Fn_9: FN; slot:SN; tsc:TSC; ta:TA; arfcn:INTEGER) | |
| ASP Type: | DL_UdatRqImmssx | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT EXTENDED message which assigns the SDCCH/4 channel for the MS in RR test of DCS. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnX_r01d(Rr, Fn, Rr_9, Fn_9, slot, tsc, ta, arfcn) | |
| Detailed Comments: The request reference (Rr, Fn) is used for the MS1, whilst (Rr_9, Fn_9) for MS2. | | |

| ASP Constraint Declaration | | |
|--|---|----------|
| Constraint Name: | ImmAssX_r02(ch:LOGICCH;Rr: BITSTRING; Fn: FN; Rr_9: BITSTRING; Fn_9: FN; slot:SN; tsc:TSC; ta:TA) | |
| ASP Type: | DL_UdatRqImmssx | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT EXTENDED message which assigns the SDCCH/8 channel for the MS | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnX_r02(Rr, Fn, Rr_9, Fn_9, slot, tsc, ta) | |
| Detailed Comments: The request reference (Rr, Fn) is used for the MS1, whilst (Rr_9, Fn_9) for MS2. | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAssXSp_1(ch:LOGICCH; pgg:PGG; msg:IMMASSX_PDU) | |
| ASP Type: | DL_UdatRqImmssx_sp | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT EXTENDED message on the MS paging channel. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| pgg | pgg | |
| msg | msg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAssRej_01(ch:LOGICCH;Rr: BITSTRING; Fn: FN) | |
| ASP Type: | DL_UdatRqImmssRej | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT REJECT message containing normal paging mode and wait indication = 0 seconds. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnRej_01(Rr, Fn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAssRej_02(ch:LOGICCH;Rr: BITSTRING; Fn: FN) | |
| ASP Type: | DL_UdatRqImmssRej | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT REJECT message in which only the third request reference addresses the MS under test. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnRej_02(Rr, Fn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAssRej_03(ch:LOGICCH; Rr: BITSTRING; Fn: FN) | |
| ASP Type: | DL_UdatRqImmssRej | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT REJECT message containing normal paging mode and wait indication = 5 seconds. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnRej_03(Rr, Fn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAssRej_04(ch:LOGICCH; Rr: BITSTRING; Fn: FN) | |
| ASP Type: | DL_UdatRqImmAssRej | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT REJECT message containing normal paging mode. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnRej_01(Rr, Fn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAssRej_05(ch:LOGICCH;Rr: BITSTRING; Fn: FN) | |
| ASP Type: | DL_UdatRqImmAssRej | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT REJECT message containing normal paging mode and wait time = 6 seconds. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnRej_04(Rr, Fn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|--|---|----------|
| Constraint Name: | ImmAssRej_r01(ch:LOGICCH;rqr1, rqr2, rqr3, rqr4: RQR; t1, t2:INTEGER) | |
| ASP Type: | DL_UdatRqImmAssRej | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT REJECT message containing normal paging mode. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnRej_r01(rqr1, rqr2, rqr3, rqr4, t1, t2) | |
| Detailed Comments: Only the third request reference addresses the MS under test. The formal parameter t3122 indicates the waiting time for T3122. | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAssRej_r02(ch:LOGICCH; Rr: BITSTRING; Fn: FN) | |
| ASP Type: | DL_UdatRqImmAssRej | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT REJECT message for the RR tests. The 1st request reference in the msg addresses the MS under test. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnRej_r02(Rr, Fn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAssRej_r03(ch:LOGICCH; Rr: BITSTRING; Fn: FN) | |
| ASP Type: | DL_UdatRqImmAssRej | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT REJECT message of the cell B for the RR tests. The 1st request reference in the msg addresses the MS under test. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnRej_r02(Rr, Fn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAssRej_inv_01(ch:LOGICCH;Rr: BITSTRING; Fn: FN) | |
| ASP Type: | DL_UdatRqImmAssRej | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT REJECT message with unknown skip indictor. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnRej_inv_01(Rr, Fn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAssRej_inv_02(ch:LOGICCH;Rr: BITSTRING; Fn: FN) | |
| ASP Type: | DL_UdatRqImmAssRej | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT REJECT message containing arbitrary spare bits | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ImmAsgnRej_inv_02(Rr, Fn) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|--|--|----------|
| Constraint Name: | ImmAssRejSp_1(ch:LOGICCH; pgg:PGG; msg:IMMASS_REJ_PDU) | |
| ASP Type: | DL_UdatRqImmAssRej_sp | |
| Derivation Path: | | |
| Comments: | To send an IMMEDIATE ASSIGNMENT REJECT message on the MS paging channel. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| pgg | pgg | |
| msg | msg | |
| Detailed Comments: Only used in TC_26_6_2_4 | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImsiDet_01 | |
| ASP Type: | DL_EstInImsidIn | |
| Derivation Path: | | |
| Comments: | To match a received IMSI DETACH INDICATION message matching any MS classmark1 value and any mobile identity value | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | ImsiDetach_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImsiDet_30(par:MI) | |
| ASP Type: | DL_EstInImsidIn | |
| Derivation Path: | | |
| Comments: | To match a received IMSI DETACH INDICATION message matching any MS classmark1 value and any mobile identity value | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | ImsiDetach_30(par) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocAcp(ch:LOGICCH; mnc, lac:OCTETSTRING) | |
| ASP Type: | DL_DatRqLupAcp | |
| Derivation Path: | | |
| Comments: | To send a LOCATION UPDATING ACCEPT message with a new mobile identity TMSI and location area. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | LocUpdtAcp(mnc, lac) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocAcp_01(newmi: MI; ch: LOGICCH; lac:OCTETSTRING) | |
| ASP Type: | DL_DatRqLupAcp | |
| Derivation Path: | | |
| Comments: | To send a LOCATION UPDATING ACCEPT message with a new mobile identity TMSI and location area Cell A. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | LocUpdtAcp_01(newmi, lac) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocAcp_02(ch: LOGICCH) | |
| ASP Type: | DL_DatRqLupAcp | |
| Derivation Path: | | |
| Comments: | To send a LOCATION UPDATING ACCEPT message without mobile identity. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | LocUpdtAcp_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocAcp_03(ch: LOGICCH) | |
| ASP Type: | DL_DatRqLupAcp | |
| Derivation Path: | | |
| Comments: | To send a LOCATION UPDATING ACCEPT message with mobile identity TMSI and location area Cell B. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | LocUpdtAcp_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocAcp_30(newmi: MI; ch: LOGICCH; lac:OCTETSTRING) | |
| ASP Type: | DL_DatRqLupAcp | |
| Derivation Path: | | |
| Comments: | To send a LOCATION UPDATING ACCEPT message with a new mobile identity TMSI and location area. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | LocUpdtAcp_30(newmi, lac) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocAcp_31(ch: LOGICCH; lac:OCTETSTRING) | |
| ASP Type: | DL_DatRqLupAcp | |
| Derivation Path: | | |
| Comments: | To send a LOCATION UPDATING ACCEPT message with a new mobile identity TMSI and location area. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | LocUpdtAcp_31(lac) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocAcp_32(ch: LOGICCH; lac:OCTETSTRING) | |
| ASP Type: | DL_DatRqLupAcp | |
| Derivation Path: | | |
| Comments: | To send a LOCATION UPDATING ACCEPT message without mobile identity. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | LocUpdtAcp_32(lac) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocAcp_33(ch: LOGICCH; lac:OCTETSTRING) | |
| ASP Type: | DL_DatRqLupAcp | |
| Derivation Path: | LocAcp_31. | |
| Comments: | To send a LOCATION UPDATING ACCEPT message without any mobile identity. FOR bit is set to one. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | LocUpdtAcp_33(lac) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocAcp_inv_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqLupAcpErr | |
| Derivation Path: | | |
| Comments: | To send a LOCATION UPDATING ACCEPT message with duplicated mobile identities. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | LocUpdtAcp_inv_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocAcp_inv_02(ch: LOGICCH) | |
| ASP Type: | DL_DatRqLupAcp | |
| Derivation Path: | | |
| Comments: | To send a LOCATION UPDATING ACCEPT message containing comprehension required IE. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | LocUpdtAcp_inv_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocAcp_inv_03(ch:LOGICCH) | |
| ASP Type: | DL_DatRqLupAcpErr | |
| Derivation Path: | LocAcp_inv_01. | |
| Comments: | To send a LOCATION UPDATING ACCEPT message containing unknown IEI. | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | LocUpdtAcp_inv_05 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocAcp_inv_04(ch:LOGICCH) | |
| ASP Type: | DL_DatRqLupAcpErr | |
| Derivation Path: | LocAcp_inv_01. | |
| Comments: | To send a LOCATION UPDATING ACCEPT message containing unknown IEI | |
| Parameter Name | Parameter Value | Comments |
| logic_ch | ch | |
| msg | LocUpdtAcp_inv_04 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocUp_01(ch: LOGICCH; locup:B_2) | |
| ASP Type: | DL_EstInLupRq | |
| Derivation Path: | | |
| Comments: | To match a received LOCATION UPDATING REQUEST message containing location updating type = IMSI attach. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| establish_mode | ? | |
| msg | LocUpdtReq_01(locup) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUp_04(ch:LOGICCH; locup:B_2; par:MI) | |
| ASP Type: | DL_EstInLupRq | |
| Derivation Path: | | |
| Comments: | To receive a LOCATION UPDATING REQUEST message containing TMSI. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| establish_mode | ? | |
| msg | LocUpdtReq_04(locup, par) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocUp_06(ch:LOGICCH) | |
| ASP Type: | DL_EstInLupRq | |
| Derivation Path: | | |
| Comments: | To match any received LOCATION UPDATING REQUEST message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| establish_mode | ? | |
| msg | LocUpdtReq_05 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocUp_30(mi:MI; ch: LOGICCH; lac:OCTETSTRING; locup:B_2; cksn: BITSTRING) | |
| ASP Type: | DL_EstInLupRq | |
| Derivation Path: | | |
| Comments: | To match a received LOCATION UPDATING REQUEST message containing location updating type = normal type. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| establish_mode | ? | |
| msg | LocUpdtReq_30(mi, lac, locup, cksn) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocUp_31(mi:MI; ch:LOGICCH; mnc, lac:OCTETSTRING; locup:B_2; cksn:BITSTRING) | |
| ASP Type: | DL_EstInLupRq | |
| Derivation Path: | | |
| Comments: | To match a parameterised received LOCATION UPDATING REQUEST message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| establish_mode | ? | |
| msg | LocUpdtReq_31(mi, mnc, lac, locup, cksn) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocRej_01(par:REJCAU; ch: LOGICCH) | |
| ASP Type: | DL_DatRqLupRej | |
| Derivation Path: | | |
| Comments: | To send a LOCATION UPDATING REJECT message containing the reject cause IMSI unknown in HLR. Used var's: ch | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | LocUpdtRej_01(par) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | MDLRelReq_01(ch :LOGICCH) | |
| ASP Type: | MDL_RelRq | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| release_mode | C_LocEndRel | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | ModifySnd(ch:LOGICCH; msg:MODIFY_PDU) | |
| ASP Type: | DL_DatRqModify | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------|----------|
| Constraint Name: | ModifyRcv(msg:MODIFY_PDU) | |
| ASP Type: | DL_DatInModify | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | msg | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ModifyCmpSnd(ch:LOGICCH; msg:MODIFY_COM_PDU) | |
| ASP Type: | DL_DatRqModifyCom | |
| Derivation Path: | | |
| Comments: | n -> ms | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ModifyRejRqSnd(ch:LOGICCH; msg:MODIFY_REJ_PDU) | |
| ASP Type: | DL_DatRqModifyRej | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ModifyRejRcv(ch:LOGICCH; msg:MODIFY_REJ_PDU) | |
| ASP Type: | DL_DatInModifyRej | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MMSt_01 | |
| ASP Type: | DL_DatInMmst | |
| Derivation Path: | | |
| Comments: | To receive a MM STATUS message containing reject cause value #97. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | MMstatus_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MMSt_02 | |
| ASP Type: | DL_DatInMmst | |
| Derivation Path: | | |
| Comments: | To receive a MM STATUS message with cause value = #96 | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | MMstatus_02 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | MMSt_03(ch:LOGICCH) | |
| ASP Type: | DL_DatInMmst | |
| Derivation Path: | | |
| Comments: | To match a received MM STATUS message with cause value = #98 | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | MMstatus_03 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | MsrRept_01 | |
| ASP Type: | DL_UdatInMsrRpt | |
| Derivation Path: | | |
| Comments: | To receive a measurement report without measurement results. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | MsrReport_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | MsrRept_02 | |
| ASP Type: | DL_UdatInMsrRpt | |
| Derivation Path: | | |
| Comments: | To receive any measurement report. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | MsrReport_02 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | MsrRept_03 | |
| ASP Type: | DL_UdatInMsrRpt | |
| Derivation Path: | MsrRept_01. | |
| Comments: | To receive a measurement report containing 6 strongest carriers. | |
| Parameter Name | Parameter Value | Comments |
| msg | MsrReport_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MsrRept_03e(par_measres: MSRR) | |
| ASP Type: | DL_UdatInMsrRpt | |
| Derivation Path: | | |
| Comments: | To receive a measurement report containing 6 strongest carriers for EGSM. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | MsrReport_03e(par_measres) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | MsrRept_04 | |
| ASP Type: | DL_UdatInMsrRpt | |
| Derivation Path: | MsrRept_01. | |
| Comments: | To receive a measurement report containing 4 strongest carriers. | |
| Parameter Name | Parameter Value | Comments |
| msg | MsrReport_04 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MsrRept_04e | |
| ASP Type: | DL_UdatInMsrRpt | |
| Derivation Path: | MsrRept_01. | |
| Comments: | To receive a measurement report containing 4 strongest carriers for EGSM. | |
| Parameter Name | Parameter Value | Comments |
| msg | MsrReport_04e | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MsrRept_05 | |
| ASP Type: | DL_UdatInMsrRpt | |
| Derivation Path: | MsrRept_01. | |
| Comments: | To receive a measurement report containing 6 strongest carriers and DTX was used. | |
| Parameter Name | Parameter Value | Comments |
| msg | MsrReport_05 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MsrRept_06 | |
| ASP Type: | DL_UdatInMsrRpt | |
| Derivation Path: | MsrRept_01. | |
| Comments: | To receive a measurement report containing 6 strongest carriers and DTX is not checked. | |
| Parameter Name | Parameter Value | Comments |
| msg | MsrReport_06 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | MsrRept_07 | |
| ASP Type: | DL_UdatInMsrRpt | |
| Derivation Path: | MsrRept_01. | |
| Comments: | To receive a measurement report containing 2 strongest carriers and DTX is not used. | |
| Parameter Name | Parameter Value | Comments |
| msg | MsrReport_07 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | NotifySnd(ch:LOGICCH; msg:NOTIFY_PDU) | |
| ASP Type: | DL_DatRqNotify | |
| Derivation Path: | | |
| Comments: | To send a NOTIFY message to the MS. The message contains any valid notification indicator. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReq1(ch:LOGICCH; pgg:PGG; pg1_req_pdu: PG1_RQ_PDU) | |
| ASP Type: | DL_UdatRqPg1Rq | |
| Derivation Path: | | |
| Comments: | To send a PAGING REQUEST TYPE 1 message to the paging group indicated by the parameter pgg which is derived from system parameters. The PAGING REQUEST TYPE1 message requests normal paging mode, any channel and for the MS identity TSPX_TMSI. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| pgg | pgg | |
| msg | pg1_req_pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReq2(ch:LOGICCH; pgg:PGG; pg2_req_pdu: PG2_RQ_PDU) | |
| ASP Type: | DL_UdatRqPg2Rq | |
| Derivation Path: | | |
| Comments: | To send a PAGING REQUEST TYPE 1 message to the paging group indicated by the parameter pgg which is derived from system parameters. The PAGING REQUEST TYPE1 message requests normal paging mode, any channel and for the MS identity TSPX_TMSI. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| pgg | pgg | |
| msg | pg2_req_pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReq3(ch:LOGICCH; pgg:PGG; pg3_req_pdu: PG3_RQ_PDU) | |
| ASP Type: | DL_UdatRqPg3Rq | |
| Derivation Path: | | |
| Comments: | To send a PAGING REQUEST TYPE 1 message to the paging group indicated by the parameter pgg which is derived from system parameters. The PAGING REQUEST TYPE1 message requests normal paging mode, any channel and for the MS identity TSPX_TMSI. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| pgg | pgg | |
| msg | pg3_req_pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | PagingRes(pdu: PG_RES_PDU) | |
| ASP Type: | DL_EstlnPgRes | |
| Derivation Path: | | |
| Comments: | To receive a PAGING RESPONSE message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgRes_01 | |
| ASP Type: | DL_EstInPgRes | |
| Derivation Path: | | |
| Comments: | To match any received PAGING RESPONSE message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | PagingRes_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgRes_02(ch:LOGICCH) | |
| ASP Type: | DL_EstInPgRes | |
| Derivation Path: | | |
| Comments: | To match any received PAGING RESPONSE message on the channel `ch`. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| establish_mode | ? | |
| msg | PagingRes_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgRes_03 | |
| ASP Type: | DL_EstInPgRes | |
| Derivation Path: | PgRes_01. | |
| Comments: | To match a received PAGING RESPONSE message with default TMSI, CKSN and classmark2. | |
| Parameter Name | Parameter Value | Comments |
| msg | PagingRes_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgRes_30(par:MI; cksn: BITSTRING) | |
| ASP Type: | DL_EstInPgRes | |
| Derivation Path: | | |
| Comments: | To match derived received PAGING RESPONSE message for MM testcases. Used var's: TCV_cksn, TCV_tmsi | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| establish_mode | ? | |
| msg | PagingRes_30(par,cksn) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgRes_r03 | |
| ASP Type: | DL_EstInPgRes | |
| Derivation Path: | | |
| Comments: | To match the received PAGING RESPONSE message containing IMSI of the IUT for RR tests. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | C_FACCHF_A_1 | |
| establish_mode | ? | |
| msg | PagingRes_r02 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgRes_r04 | |
| ASP Type: | DL_EstInPgRes | |
| Derivation Path: | PgRes_01. | |
| Comments: | To match a received PAGING RESPONSE message with TMSI of the IUT | |
| Parameter Name | Parameter Value | Comments |
| msg | PagingRes_r01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgRes_r05 | |
| ASP Type: | DL_EstInPgRes | |
| Derivation Path: | PgRes_01. | |
| Comments: | To match a received PAGING RESPONSE message containing IMSI of the IUT | |
| Parameter Name | Parameter Value | Comments |
| msg | PagingRes_r02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | PhyInfo_01(ch: LOGICCH; ta:TA) | |
| ASP Type: | DL_DatRqPhyinfo | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Phyinfo_01(ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | PhyInfo_02(ch:LOGICCH; ta:TA) | |
| ASP Type: | DL_DatRqPhyinfo | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Phyinfo_04(ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | PhyInfo_21(ch: LOGICCH; ta:TA) | |
| ASP Type: | DL_DatRqPhyinfo | |
| Derivation Path: | | |
| Comments: | Used variables: ch | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Phyinform_01(ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | PhyInfo_22(ch: LOGICCH; ta:TA) | |
| ASP Type: | DL_DatRqPhyinfo | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Phyinform_02(ta) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | Progress(ch:LOGICCH; pdu: PROG_PDU) | |
| ASP Type: | DL_DatRqProg | |
| Derivation Path: | | |
| Comments: | To send a PROGRESS message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Register_01(ch:LOGICCH; reg:REGISTER_PDU) | |
| ASP Type: | DL_DatInRegister | |
| Derivation Path: | | |
| Comments: | To receive any Register message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | reg | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | Register_03(reg:REGISTER_PDU) | |
| ASP Type: | DL_DatInRegister | |
| Derivation Path: | | |
| Comments: | CFNRy | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | reg | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RegisterReq_01(ch: LOGICCH; reg:REGISTER_PDU) | |
| ASP Type: | DL_DatRqRegister | |
| Derivation Path: | | |
| Comments: | To send a REGISTER message containing Invoke for UnstructuredSS-Notify | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | reg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ReleaseInd_01 | |
| ASP Type: | DL_DatInRel | |
| Derivation Path: | | |
| Comments: | To match a received CC RELEASE message with cause #96 | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | Release_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ReleaseInd_02 | |
| ASP Type: | DL_DatInRel | |
| Derivation Path: | ReleaseInd_01. | |
| Comments: | To match any received CC RELEASE message. | |
| Parameter Name | Parameter Value | Comments |
| msg | Release_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseInd_03(Ti:Ti) | |
| ASP Type: | DL_DatInRel | |
| Derivation Path: | | |
| Comments: | To match any received CC RELEASE message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | Release_10(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ReleaseInd_06(Ti:Ti) | |
| ASP Type: | DL_DatInRel | |
| Derivation Path: | | |
| Comments: | To match a received CC RELEASE message containing mandatory IEs only. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | Release_09(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | ReleaseRcv(pdu: REL_PDU) | |
| ASP Type: | DL_DatInRel | |
| Derivation Path: | | |
| Comments: | To receive a CC RELEASE message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | ReleaseSnd(ch: LOGICCH; pdu: REL_PDU) | |
| ASP Type: | DL_DatRqRel | |
| Derivation Path: | | |
| Comments: | To send a RELEASE message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RelCmp_02(Ti:TI) | |
| ASP Type: | DL_DatInRelCmp | |
| Derivation Path: | | |
| Comments: | To receive any RELEASE COMPLETE message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ReleaseCmp_03(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RelCmp_05(Ti:TI) | |
| ASP Type: | DL_DatInRelCmp | |
| Derivation Path: | | |
| Comments: | To match a received RELEASE COMPLETE message containing cause value #88. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ReleaseCmp_07(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RelCmp_06 | |
| ASP Type: | DL_DatInRelCmp | |
| Derivation Path: | | |
| Comments: | To receive a RELEASE COMPLETE message containing #81 cause value and TI = '1110'B | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ReleaseCmp_52 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RelCmp_08(Ti:TI) | |
| ASP Type: | DL_DatInRelCmp | |
| Derivation Path: | | |
| Comments: | To match a received RELEASE COMPLETE message containing cause value #17 user busy. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ReleaseCmp_03(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RelCmp_09(Ti:TI) | |
| ASP Type: | DL_DatInRelCmp | |
| Derivation Path: | | |
| Comments: | To receive a RELEASE COMPLETE message which may or may not contain Facility IE | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ReleaseCmp_25(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RelCmp_11(Ti:TI; Invkid: OCTETSTRING) | |
| ASP Type: | DL_DatInRelCmp | |
| Derivation Path: | | |
| Comments: | To receive a RELEASE COMPLETE message containing Return Error for UnstructuredSS-Notify with the error code USSD Busy | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ReleaseCmp_49(Ti, Invkid) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RelCmp_12(Ti:TI; Invkid: OCTETSTRING) | |
| ASP Type: | DL_DatInRelCmp | |
| Derivation Path: | | |
| Comments: | To receive a RELEASE COMPLETE message containing Return Error for UnstructuredSS-Request with the error code USSD Busy | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | ReleaseCmp_50(Ti, Invkid) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RelCmpRq_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqRelCmp | |
| Derivation Path: | | |
| Comments: | To send a RELEASE COMPLETE message containing cause #16. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ReleaseCmp_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RelCmpRq_03(Ti:TI; ch:LOGICCH) | |
| ASP Type: | DL_DatRqRelCmp | |
| Derivation Path: | | |
| Comments: | To send a RELEASE COMPLETE message containing cause #1--- unallocated number. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ReleaseCmp_04(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RelCmpRq_05(Ti:TI; ch: LOGICCH) | |
| ASP Type: | DL_DatRqRelCmp | |
| Derivation Path: | | |
| Comments: | To send a RELEASE COMPLETE message containing mandatory IEs only. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ReleaseCmp_08(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RelCmpRq_10(ch:LOGICCH; relcom:REL_COM_PDU) | |
| ASP Type: | DL_DatRqRelCmp | |
| Derivation Path: | | |
| Comments: | To send a RELEASE COMPLETE message containing ReturnResult of registration (CFU). | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | relcom | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RelCmpRq_37(ch:LOGICCH; Ti :TI) | |
| ASP Type: | DL_DatRqRelCmp | |
| Derivation Path: | | |
| Comments: | To send a RELEASE COMPLETE message containing cause 'facility rejected' and without FIE | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ReleaseCmp_42(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RelCmpRq_42(ch:LOGICCH; Ti :TI) | |
| ASP Type: | DL_DatRqRelCmp | |
| Derivation Path: | | |
| Comments: | To send a RELEASE COMPLETE message without cause and without FIE | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ReleaseCmp_47(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RelCmpRq_inv_02(ch: LOGICCH) | |
| ASP Type: | DL_DatRqRelCmp | |
| Derivation Path: | | |
| Comments: | To send an invalid RELEASE COMPLETE message containing unknown optional IE. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ReleaseCmp_inv_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RelComRcv(pdu: REL_COM_PDU) | |
| ASP Type: | DL_DatInRelCmp | |
| Derivation Path: | | |
| Comments: | To receive a RELEASE COMPLETE message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RelComSnd(ch:LOGICCH; pdu: REL_COM_PDU) | |
| ASP Type: | DL_DatRqRelCmp | |
| Derivation Path: | | |
| Comments: | To send a RELEASE COMPLETE message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | RelRq_02(Ti:TI; ch: LOGICCH) | |
| ASP Type: | DL_DatRqRel | |
| Derivation Path: | | |
| Comments: | normal, unspecified | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Release_03(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RelRq_04(Ti:TI; ch: LOGICCH) | |
| ASP Type: | DL_DatRqRel | |
| Derivation Path: | | |
| Comments: | to send a RELEASE message with mandatory IE's only. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Release_08(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RelRq_inv_01(Ti:TI; ch: LOGICCH) | |
| ASP Type: | DL_DatRqRel | |
| Derivation Path: | | |
| Comments: | To send a RELEASE message containing optional unknown IE. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | ReleaseReq_inv_01(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RrStatus_01(ch:LOGICCH) | |
| ASP Type: | DL_DatInRrst | |
| Derivation Path: | | |
| Comments: | To match a received RR STATUS message containing any RR cause. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | RRStatus_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RrStatus_02 | |
| ASP Type: | DL_DatInRrst | |
| Derivation Path: | | |
| Comments: | To receive a RR STATUS message containing cause value #96 | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | RRStatus_02 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RrStatus_03 | |
| ASP Type: | DL_DatInRrst | |
| Derivation Path: | | |
| Comments: | To receive a RR STATUS message containing RR cause value #97 | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | RRStatus_03 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SMSCBReq_01(ch: LOGICCH; sernum: SERIAL_NUMBER) | |
| ASP Type: | DL_UdatRqSMSCBData | |
| Derivation Path: | | |
| Comments: | To send a SMSCB message, first block | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ch | |
| msg | SMSCB_01(sernum) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SMSCBReq_02(ch: LOGICCH; sernum: SERIAL_NUMBER; seqnum, lb: BITSTRING; firstoct: INTEGER; lastoct: INTEGER) | |
| ASP Type: | DL_UdatRqSMSCBData | |
| Derivation Path: | | |
| Comments: | To send a SMSCB message, second to fourth block (depending on the sequence number) | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ch | |
| msg | SMSCB_02(seqnum, lb, firstoct, lastoct) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | SetupIn_01 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match any received SETUP message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | SetupInd_01 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_TS_11_12 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | SetupInd_TS11_12 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_TS_61_2400 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_TS61_1, SetupInd_TS61_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_TS_61_4800 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_TS61_1, SetupInd_TS61_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_TS_61_9600 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_TS61_1, SetupInd_TS61_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_TS_62_2400 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | SetupInd_TS62 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_TS_62_4800 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | SetupInd_TS62 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_TS_62_9600 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | SetupInd_TS62 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_21 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B121_300_1, SetupInd_B121_300_2, SetupInd_B122_300_1, SetupInd_B122_300_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_22 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B121_1200_1, SetupInd_B121_1200_2, SetupInd_B122_1200_1, SetupInd_B122_1200_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_23 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B121_120075_1, SetupInd_B121_120075_2, SetupInd_B122_120075_1, SetupInd_B122_120075_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_24 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B121_2400_1, SetupInd_B121_2400_2, SetupInd_B122_2400_1, SetupInd_B122_2400_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_25 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B121_4800_1, SetupInd_B121_4800_2, SetupInd_B122_4800_1, SetupInd_B122_4800_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupIn_BS_26 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B121_9600_1, SetupInd_B121_9600_2, SetupInd_B121_9600_3, SetupInd_B121_9600_4, SetupInd_B122_9600_1, SetupInd_B122_9600_2, SetupInd_B122_9600_3, SetupInd_B122_9600_4) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_31 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B1311_1200, SetupInd_B1321_1200) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_32 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B1311_2400, SetupInd_B1312_2400, SetupInd_B1321_2400, SetupInd_B1322_2400) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_33 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B1311_4800, SetupInd_B1312_4800, SetupInd_B1321_4800, SetupInd_B1322_4800) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_34 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B1311_9600, SetupInd_B1312_9600, SetupInd_B1321_9600, SetupInd_B1322_9600_1, SetupInd_B1322_9600_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_41 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B14_300_1, SetupInd_B14_300_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_42 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B14_1200_1, SetupInd_B14_1200_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_43 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B14_120075_1, SetupInd_B14_120075_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_44 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B14_2400_1, SetupInd_B14_2400_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_45 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B14_4800_1, SetupInd_B14_4800_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_46 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_B14_9600_1, SetupInd_B14_9600_2, SetupInd_B14_9600_3, SetupInd_B14_9600_4) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_51 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | SetupInd_B15_2400 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_52 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | SetupInd_B15_4800 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_53 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | SetupInd_B15_9600 | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_61_300 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS61_B161_B1621_300_1, SetupInd_BS61_B161_B1621_300_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_61_1200 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS61_B161_B1621_1200_1, SetupInd_BS61_B161_B1621_1200_2, SetupInd_BS61_B161_B1622_1200) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_61_120075 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS61_B161_B1621_120075_1, SetupInd_BS61_B161_B1621_120075_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_61_2400 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS61_B161_B1621_2400_1, SetupInd_BS61_B161_B1621_2400_2, SetupInd_BS61_B161_B1622_2400) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_61_4800 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS61_B161_B1621_4800_1, SetupInd_BS61_B161_B1621_4800_2, SetupInd_BS61_B161_B1622_4800) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_61_9600 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS61_B161_B1621_9600_1, SetupInd_BS61_B161_B1621_9600_2, SetupInd_BS61_B161_B1622_9600) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_81_300 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS81_B161_B1621_300_1, SetupInd_BS81_B161_B1621_300_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_81_1200 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS81_B161_B1621_1200_1, SetupInd_BS81_B161_B1621_1200_2, SetupInd_BS81_B161_B1622_1200) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_81_120075 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS81_B161_B1621_120075_1, SetupInd_BS81_B161_B1621_120075_2) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_81_2400 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS81_B161_B1621_2400_1, SetupInd_BS81_B161_B1621_2400_2, SetupInd_BS81_B161_B1622_2400) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_81_4800 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS81_B161_B1621_4800_1, SetupInd_BS81_B161_B1621_4800_2, SetupInd_BS81_B161_B1622_4800) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupIn_BS_81_9600 | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To match a SETUP message with specific bcap, llcmp and hlcmp constraints for the selected bearer service / teleservice according to the tables of GSM 07.01. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | (SetupInd_BS81_B161_B1621_9600_1, SetupInd_BS81_B161_B1621_9600_2, SetupInd_BS81_B161_B1622_9600) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|-----------------------------|----------|
| Constraint Name: | SetupRcv(pdu: SETUP_MO_PDU) | |
| ASP Type: | DL_DatInSetup | |
| Derivation Path: | | |
| Comments: | To receive a SETUP message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | pdu | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupRq_01(ch:LOGICCH) | |
| ASP Type: | DL_DatRqSetup | |
| Derivation Path: | | |
| Comments: | To send a SETUP message containing speech bearer capability. It is also used in the test cases where the value of bearer capability is not care . | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Setup_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupRq_03(ch: LOGICCH) | |
| ASP Type: | DL_DatRqSetup | |
| Derivation Path: | | |
| Comments: | To send a SETUP message with mandatory IE's only. The transaction identity is '0000'B | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Setup_03 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupRq_05(ch: LOGICCH; setup:SETUP_MT_PDU) | |
| ASP Type: | DL_DatRqSetup | |
| Derivation Path: | | |
| Comments: | To send a SETUP message which is the input parameter of this ASP. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | setup | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupRq_20(ch: LOGICCH) | |
| ASP Type: | DL_DatRqSetup | |
| Derivation Path: | | |
| Comments: | To send a SETUP message containing in TSPX_BCa given bearer capability. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Setup_20(TSPX_BCa) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupRq_inv_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqSetup | |
| Derivation Path: | | |
| Comments: | To send a SETUP message containing incorrect transaction ID flag value. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Setup_inv_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupRq_inv_02(ch: LOGICCH) | |
| ASP Type: | DL_DatRqSetup | |
| Derivation Path: | | |
| Comments: | To send a SETUP message with arbitrary spare bits | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | Setup_inv_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupSnd(ch: LOGICCH; setup:SETUP_MT_PDU) | |
| ASP Type: | DL_DatRqSetup | |
| Derivation Path: | | |
| Comments: | To send a SETUP message which is the input parameter of this ASP. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | setup | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------|----------|
| Constraint Name: | StartDTMF_02(Ti:TI) | |
| ASP Type: | DL_DatInStartDtmf | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | StartDtmf_02(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | StartDTMFRcv(msg:START_DTMF_PDU) | |
| ASP Type: | DL_DatInStartDtmf | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | msg | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | StartDTMFAck_01(Ti:TI; character:IA5String; ch:LOGICCH) | |
| ASP Type: | DL_DatRqStartDtmfAck | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | StartDtmfAck_01(Ti, character) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | StartDTMFAckSnd(ch:LOGICCH; msg:START_DTMF_ACK_PDU) | |
| ASP Type: | DL_DatRqStartDtmfAck | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | StartDTMFRejSnd(ch: LOGICCH; msg:START_DTMF_REJ_PDU) | |
| ASP Type: | DL_DatRqStartDtmfRej | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--------------------|----------|
| Constraint Name: | StopDTMF_01(Ti:Ti) | |
| ASP Type: | DL_DatInStopDtmf | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | StopDtmf_01(Ti) | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | StopDTMFRcv(msg:STOP_DTMF_PDU) | |
| ASP Type: | DL_DatInStopDtmf | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | msg | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | StopDTMFAck_01(Ti:Ti; ch: LOGICCH) | |
| ASP Type: | DL_DatRqStopDtmfAck | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | StopDtmfAck_01(Ti) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | StopDTMFAckSnd(ch: LOGICCH; msg:STOP_DTMF_ACK_PDU) | |
| ASP Type: | DL_DatRqStopDtmfAck | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | msg | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SyncInfo(ch:LOGICCH) | |
| ASP Type: | DL_UdatRqSchinfo | |
| Derivation Path: | | |
| Comments: | To send SYNCHRONIZATION INFORMATION message with default parameters. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SyncInfor_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInfo1(ch:LOGICCH; cchd:CCHD; maxtx:B_2; txint:B_4; re:B_1) | |
| ASP Type: | DL_UdatRqSysinfo1 | |
| Derivation Path: | | |
| Comments: | To send SYSTEM INFORMATION TYPE 1 in cell A for RR testing of GSM900. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf1(cchd, maxtx, txint, re) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInfo1_nh(ch:LOGICCH; ci:CI; mnc, lac:OCTETSTRING; ccd:CCD; co:CO; crh, mtmc:INTEGER; neci:B_1; maxtx:B_2; txint:B_4; re:B_1) | |
| ASP Type: | DL_UdatRqSysinfo1_nh | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf3(ci, mnc, lac, ccd, co, crh, mtmc, neci, maxtx, txint, re) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInfo1_nh_07(ch:LOGICCH; ci: CI; lai: LAI; ccd: CCD; co:CO; csp: CSP; rachcpar: RACHCP) | |
| ASP Type: | DL_UdatRqSysinfo1_nh | |
| Derivation Path: | | |
| Comments: | To send SYSTEM INFORMATION TYPE 3. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf3_07(ci, lai, ccd, co, csp, rachcpar) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInfo2(ch: LOGICCH; bcchfl: NCD; maxtx:B_2; txint:B_4; re:B_1) | |
| ASP Type: | DL_UdatRqSysinfo2 | |
| Derivation Path: | | |
| Comments: | To send the default SYSTEM INFORMATION TYPE 2 message containing default neighbour cells description in cell B for GSM900. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf2(bcchfl, maxtx, txint, re) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInfo2_07(ch: LOGICCH; bcchfl: NCD; rachcpar: RACHCP) | |
| ASP Type: | DL_UdatRqSysinfo2 | |
| Derivation Path: | | |
| Comments: | To send SYSTEM INFORMATION TYPE 2 message in cell 1 for idle mode testing of GSM900. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf2_07(bcchfl, rachcpar) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInfo2bis(ch: LOGICCH) | |
| ASP Type: | DL_UdatRqSysinfo2bis | |
| Derivation Path: | | |
| Comments: | SYSTEM INFORMATION 2bis in cell A under EGSM with the ARFCN list = {988, 990, 1003}. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf2bis | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInfo3_MM(bcch: LOGICCH; ci: CI; lai: LAI; ccd: CCD; csp: CSP; rachcpar: RACHCP) | |
| ASP Type: | DL_UdatRqSysinfo3 | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | bcch | |
| msg | SysInf3_MM(ci, lai, ccd, csp, rachcpar) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInfo3(ch:LOGICCH; ci:CI; mnc, lac:OCTETSTRING; ccd:CCD; co:CO; crh, mtmc:INTEGER; neci:B_1; maxtx:B_2; txint:B_4; re:B_1) | |
| ASP Type: | DL_UdatRqSysinfo3 | |
| Derivation Path: | | |
| Comments: | | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf3(ci, mnc, lac, ccd, co, crh, mtmc, neci, maxtx, txint, re) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInfo3_07(ch:LOGICCH; ci: CI; lai: LAI; ccd: CCD; co:CO; csp: CSP; rachcpar: RACHCP) | |
| ASP Type: | DL_UdatRqSysinfo3 | |
| Derivation Path: | | |
| Comments: | To send SYSTEM INFORMATION TYPE3. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf3_07(ci, lai, ccd, co, csp, rachcpar) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInfo3_inv_01 | |
| ASP Type: | DL_UdatRqSysinfo3 | |
| Derivation Path: | | |
| Comments: | To send a SYSTEM INFORMATION message containing new location area and rest octets which are not all '2B'0 | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | C_BCCH_A_1 | |
| msg | SysInf3_inv_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInfo4_MM(bcch: LOGICCH; lai: LAI; csp: CSP; rachcpar: RACHCP) | |
| ASP Type: | DL_UdatRqSysinfo4 | |
| Derivation Path: | | |
| Comments: | To send a SYSTEM INFORMATION TYPE 4 message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | bcch | |
| msg | SysInf4_MM(lai, csp, rachcpar) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInfo4(ch:LOGICCH; mnc, lac:OCTETSTRING; crh, mtmc:INTEGER; neci:B_1; maxtx:B_2; txint:B_4; re:B_1) | |
| ASP Type: | DL_UdatRqSysinfo4 | |
| Derivation Path: | | |
| Comments: | To send a default SYSTEM INFORMATION TYPE 4 message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf4(mnc, lac, crh, mtmc, neci, maxtx, txint, re) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInfo4_CBMS(ch:LOGICCH; mnc, lac:OCTETSTRING; crh, mtmc:INTEGER; neci:B_1; maxtx:B_2; txint:B_4; re:B_1; cbchd:CHD) | |
| ASP Type: | DL_UdatRqSysinfo4 | |
| Derivation Path: | | |
| Comments: | To send a SYSTEM INFORMATION TYPE 4 message for SMSCB with the values or GSM 11.10, 34.3 | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf4_CBMS(mnc, lac, crh, mtmc, neci, maxtx, txint, re, cbchd) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInfo4_inv_01 | |
| ASP Type: | DL_UdatRqSysinfo4 | |
| Derivation Path: | | |
| Comments: | To send a SYSTEM INFORMATION message containing rest octets which are not all '2B'O | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | C_BCCH_A_1 | |
| msg | SysInf4_inv_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInfo5(sacch: LOGICCH; sysinfo5_pdu:SYSINFO5_PDU) | |
| ASP Type: | DL_UdatRqSysinfo5 | |
| Derivation Path: | | |
| Comments: | To send a SYSTEM INFORMATION TYPE 5 message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | sacch | |
| msg | sysinfo5_pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInfo5_01(ch:LOGICCH; bcchfl: NCD) | |
| ASP Type: | DL_UdatRqSysinfo5 | |
| Derivation Path: | | |
| Comments: | To send the default SYSTEM INFORMATION TYPE 5 message containing default neighbour cells description. This is used in GSM900 testing. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf5(bcchfl) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInfo5bis(sacch: LOGICCH; sysinfo5bis_pdu:SYSINFO5bis_PDU) | |
| ASP Type: | DL_UdatRqSysinfo5bis | |
| Derivation Path: | | |
| Comments: | To send a SYSTEM INFORMATION TYPE 5bis message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | sacch | |
| msg | sysinfo5bis_pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|---|--|----------|
| Constraint Name: | SysInfo5bis_01(ch :LOGICCH; bcchfl: NCD) | |
| ASP Type: | DL_UdatRqSysinfo5bis | |
| Derivation Path: | | |
| Comments: | To send the SYSTEM INFORMATION TYPE 5bis message containing partial neighbour cells description. This is used in GSM900 measurement testing. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf5bis_01(bcchfl) | |
| Detailed Comments: Used in TC_26_6_3_1 and TC_26_6_3_4 | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInfo6(sacch: LOGICCH; sysinfo6_pdu:SYSINFO6_PDU) | |
| ASP Type: | DL_UdatRqSysinfo6 | |
| Derivation Path: | | |
| Comments: | To send a SYSTEM INFORMATION TYPE 6 message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | sacch | |
| msg | sysinfo6_pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInfo6_MM(sacch: LOGICCH; ci: CI; lai: LAI; co:CO) | |
| ASP Type: | DL_UdatRqSysinfo6 | |
| Derivation Path: | | |
| Comments: | To send a SYSTEM INFORMATION TYPE 6 message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | sacch | |
| msg | SysInf6_MM(ci, lai, co) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInfo6_01(ch:LOGICCH; ci:CI; mnc, lac:OCTETSTRING; co:CO) | |
| ASP Type: | DL_UdatRqSysinfo6 | |
| Derivation Path: | | |
| Comments: | To send the default SYSTEM INFORMATION TYPE 6 message containing default parameters. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | SysInf6(ci, mnc, lac, co) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | TmsiReallocCmd_01(par:MI; ch: LOGICCH; lac: OCTETSTRING) | |
| ASP Type: | DL_DatRqTmsireCmd | |
| Derivation Path: | | |
| Comments: | To send a TMSI REALLOCATION COMMAND message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | TmsiReallocCmd(par, lac) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | TmsiReallocCmp_01 | |
| ASP Type: | DL_DatInTmsireCom | |
| Derivation Path: | | |
| Comments: | To receive a TMSI REALLOCATION COMPLETE message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ? | |
| msg | TmsiReallocComp | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | TmsiReallocCmp_02(ch:LOGICCH) | |
| ASP Type: | DL_DatInTmsireCom | |
| Derivation Path: | | |
| Comments: | To receive a TMSI REALLOCATION COMPLETE message. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | TmsiReallocComp | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | Undef(ch: LOGICCH; pdu: CONN_PDU) | |
| ASP Type: | DL_DatRqUndefCC | |
| Derivation Path: | | |
| Comments: | To send an undefined Layer 3 message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | pdu | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | Undef_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqUndefCC | |
| Derivation Path: | | |
| Comments: | To send an undefined CC message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | UndefCC_02(TI_02) | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | Undef_02(ch:LOGICCH) | |
| ASP Type: | DL_DatRqUndefMM | |
| Derivation Path: | | |
| Comments: | To send an undefined MM message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | UndefMM_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | Undef_03(ch: LOGICCH) | |
| ASP Type: | DL_DatRqUndefRR | |
| Derivation Path: | | |
| Comments: | To send an undefined RR message | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | UndefRR_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Unknown_01(ch: LOGICCH) | |
| ASP Type: | DL_DatRqUnknown | |
| Derivation Path: | | |
| Comments: | To send an unknown CC message which is coded like a CC STATUS ENQUIRY. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | UnknownMsg_01 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Unknown_02(ch: LOGICCH) | |
| ASP Type: | DL_DatRqUnknown | |
| Derivation Path: | | |
| Comments: | To send an unknown CC message which is coded like a CC STATUS ENQUIRY. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap0 | |
| logic_ch | ch | |
| msg | UnknownMsg_02 | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | DatInCpData(message:CP_DATA_PDU) | |
| ASP Type: | DL_DatInCpData | |
| Derivation Path: | | |
| Comments: | The ASP is used to indicate the receipt of the SMS CP DATA message using acknowledged operation (L2 -> L3) for MT. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ? | |
| msg | message | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | DatInCpData_01(message:CP_DATA_PDU; ch:LOGICCH) | |
| ASP Type: | DL_DatInCpData | |
| Derivation Path: | | |
| Comments: | The ASP is used to indicate the receipt of the SMS CP DATA message using acknowledged operation (L2 -> L3) for MT. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ch | |
| msg | message | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | DatRqCpData(message:CP_DATA_PDU; ch: LOGICCH) | |
| ASP Type: | DL_DatRqCpData | |
| Derivation Path: | | |
| Comments: | ASP to request the transmission of the SMS CP DATA message using acknowledged operation (L3 -> L2) for MO. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ch | |
| msg | message | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | DatInCpDataAck(message:CPDATA_ACK_PDU) | |
| ASP Type: | DL_DatInCpDataAck | |
| Derivation Path: | | |
| Comments: | The ASP is used to indicate the receipt of the SMS CP DATA message using acknowledged operation (L2 -> L3) . | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ? | |
| msg | message | |
| fn | ? | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | DatRqCpDataAck(message:CPDATA_ACK_PDU; ch: LOGICCH) | |
| ASP Type: | DL_DatRqCpDataAck | |
| Derivation Path: | | |
| Comments: | The ASP is used to request the transmission of the SMS CP DATA message using acknowledged operation (L3 -> L2). | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ch | |
| msg | message | |
| Detailed Comments: | | |

| ASP Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | DatRqCpError_01(message:CPERR_PDU; ch: LOGICCH) | |
| ASP Type: | DL_DatRqCpError | |
| Derivation Path: | | |
| Comments: | ASP to request the transmission of the SMS CP ERROR message using acknowledged operation (L3 -> L2) for MO. | |
| Parameter Name | Parameter Value | Comments |
| sapi | C_Sap3 | |
| logic_ch | ch | |
| msg | message | |
| Detailed Comments: | | |

PDU constraint declarations

TTCN PDU constraint declarations

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Alerting_01(Ti :Ti) | |
| PDU Type: | ALERT_PDU | |
| Derivation Path: | | |
| Comments: | An ALERTING message containing mandatory IE's only to be sent to the MS. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00000001'B | |
| fie | OMIT | |
| pi | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Alerting_04(Ti :Ti; fie:FIE) | |
| PDU Type: | ALERT_PDU | |
| Derivation Path: | | |
| Comments: | An ALERTING message containing facility IE to be sent to the MS. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00000001'B | |
| fie | fie | |
| pi | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | AlertingInd_01 | |
| PDU Type: | ALERT_PDU | |
| Derivation Path: | | |
| Comments: | To match an received ALERTING message | |
| Field Name | Field Value | Comments |
| ti | TI_01 | |
| ccpd | '0011'B | |
| mt | '0?000001'B | |
| fi | * | |
| pi | OMIT | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | AlertingInd_02(Ti:TI) | |
| PDU Type: | ALERT_PDU | |
| Derivation Path: | | |
| Comments: | To match an received ALERTING message | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?000001'B | |
| fi | * | |
| pi | OMIT | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_sdcch4(ch:BITSTRING; slot:SN; tsc:TSC; cphms:CPHMS; arfcn:INTEGER) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message assigning a SDCCH4 subchannel TSPX_SDCCH4SubC. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r04(ch, slot, tsc, arfcn) | |
| pcmd | Pcmd_19('01001'B) | |
| frq_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frq_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | cphms | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | AsgnCmd_tchf(slot:SN; tsc:TSC) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r02(slot, tsc) | |
| pcmd | Pcmd_19('01001'B) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|---|--------------------------------------|----------|
| Constraint Name: | AsgnCmd_tchf_fh_01(slot:SN; tsc:TSC) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_12(slot,tsc) | |
| pcmd | Pcmd_19('00111'B) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | MobAllc_04 | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: used in TC_26_6_4_2_2 | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | AsgnCmd_tchf_fh_02(slot:SN; tsc:TSC) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_13(slot,tsc) | |
| pcmd | Pcmd_19('00111'B) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | MobAllc_04 | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | used in TC_26_6_4_2_2 | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_tchf_fh_03(slot:SN; tsc:TSC; cphms:CPHMS) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_20(slot, tsc, '000000'B, '111111'B) | |
| pcmd | Pcmd_20('00111'B) | |
| frql_at | OMIT | |
| cchd | CellChDes_01 | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | MobAllc_r03 | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | cphms | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | AsgnCmd_dtchf(slot:SN; tsc:TSC) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r02(slot, tsc) | |
| pcmd | Pcmd_19('00011'B) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_dtchf_fh_03(slot:SN; tsc:TSC; cphms:CPHMS) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_20(slot, tsc, '000000'B, '111111'B) | |
| pcmd | Pcmd_20('00011'B) | |
| frql_at | OMIT | |
| cchd | CellChDes_01d | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | MoblAllc_r03 | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | cphms | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_tchh(subch:BITSTRING; slot:SN; tsc:TSC) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r03(subch, slot, tsc) | |
| pcmd | Pcmd_19('01001'B) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_dtchh(subch:BITSTRING; slot:SN; tsc:TSC) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r03d(subch, slot, tsc) | |
| pcmd | Pcmd_19('01111'B) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_21(ts_ccch: BITSTRING; par_arfcn: INTEGER) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message assigning TCH/F non FH channel in any cell. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_21(ts_ccch, par_arfcn) | |
| pcmd | Pcmd_19('01001'B) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_22(ts_ccch: SN; tsc:TSC; maio, hsn:BITSTRING; frql:FRQL) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message assigning TCH/F FH channel in cell A. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_20(ts_ccch, tsc, maio, hsn) | |
| pcmd | Pcmd_19('01001'B) | |
| frql_at | frql | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_22d(ts_ccch: SN; tsc:TSC; maio, hsn:BITSTRING; frql:FRQL) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message assigning TCH/F FH channel in cell A for DCS1800. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_20(ts_ccch, tsc, maio, hsn) | |
| pcmd | Pcmd_19('01111'B) | |
| frql_at | frql | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_22_Ae1(ts_ccch: BITSTRING; par_chtype:BITSTRING; par_flist:OCTETSTRING; par_flistl: OCTETSTRING) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message assigning TCH/F non FH channel in cell A for EGSM. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_22e(ts_ccch, par_chtype) | |
| pcmd | Pcmd_19('01001'B) | |
| frql_at | Frql_20_egsm(par_flist, par_flistl) | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_22_Ae2(ts_ccch: BITSTRING; par_chtype:BITSTRING; par_cchd: OCTETSTRING; par_ma:BITSTRING) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message assigning TCH/F non FH channel in cell A for EGSM. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_22e(ts_ccch, par_chtype) | |
| pcmd | Pcmd_19('01001'B) | |
| frql_at | OMIT | |
| cchd | CellChDes_20_Be(par_cchd) | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | MoblAlc_20_Be1(par_ma) | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_22_Ae3(ts_ccch: BITSTRING; par_chtype:BITSTRING; par_cchd: OCTETSTRING; par_ma1:BITSTRING; par_ma2:BITSTRING) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message assigning TCH/F non FH channel in cell A for EGSM. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_22e(ts_ccch, par_chtype) | |
| pcmd | Pcmd_19('01001'B) | |
| frql_at | OMIT | |
| cchd | CellChDes_20_Be(par_cchd) | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | MoblAlc_20_Be2iei(par_ma1, par_ma2) | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_23(ts_ccch: BITSTRING; par_arfcn: INTEGER) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message assigning non hopping half rate channel in cell A. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_23(ts_ccch, par_arfcn) | |
| pcmd | Pcmd_19('01001'B) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_24(ts_ccch: SN; tsc:TSC; maio, hsn:BITSTRING; frql:FRQL) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message assigning hopping half rate channel in cell A. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_19(ts_ccch, tsc, maio, hsn) | |
| pcmd | Pcmd_19('01001'B) | |
| frql_at | frql | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_24d(ts_ccch: SN; tsc:TSC; maio, hsn:BITSTRING; frql:FRQL) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message assigning hopping half rate channel in cell A. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_19(ts_ccch, tsc, maio, hsn) | |
| pcmd | Pcmd_19('01111'B) | |
| frql_at | frql | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|---|---|----------|
| Constraint Name: | AsgnCmd_31(type:BITSTRING; mod:CHMOD; slot:SN; tsc:TSC) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message. The channel mode and type are specified as parameters. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r05(type, slot, tsc) | |
| pcmd | Pcmd_19('00111'B) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | mod | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: used iin CC testing | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_31d(type:BITSTRING; mod:CHMOD; slot:SN; tsc:TSC) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message. The channel mode and type are specified as parameters. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r05d(type, slot, tsc) | |
| pcmd | Pcmd_19('00011'B) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | mod | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | used iin CC testing | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_inv_01(slot:SN; tsc:TSC) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message containing invalid skip identifier | |
| Field Name | Field Value | Comments |
| ski | '0100'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r02Def(slot, tsc) | |
| pcmd | Pcmd_19('01001'B) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_inv_02(slot:SN; tsc:TSC) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message containing IE unknown in the RR protocol. For GSM900. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_11(slot, tsc) | |
| pcmd | Pcmd_19('00111'B) | |
| frql_at | Frql_02 | |
| cchd | CellChDes_12 | |
| ch1mod | OMIT | |
| ch2d_at | UnknownIE | |
| ch2mod | OMIT | |
| ma_at | MoblAllc_02 | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|--|--|----------|
| Constraint Name: | AsgnCmd_r14(slot:SN; tsc:TSC; strt:STRT) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message defined by PIXIT | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r29(slot, tsc) | |
| pcmd | Pcmd_19(TSPX_PwrlvIA) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | ChMod_r01 | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | MoblAllc_r06 | |
| strt | strt | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r30(slot, tsc) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAllc_r07 | |
| cphms | OMIT | |
| Detailed Comments: used in TC_26_6_13_1 only. | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_r15(slot:SN; tsc:TSC; slot2:SN; tsc2:TSC; strt:STRT) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message defined by PIXIT | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r32(slot, tsc) | |
| pcmd | Pcmd_19(TSPX_PwrlvIB) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | ChMod_r02 | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | MoblAllc_r09 | |
| strt | strt | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r30(slot2, tsc2) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAllc_r07 | |
| cphms | OMIT | |
| Detailed Comments: | used in TC_26_6_13_2 only. | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_r16(slot:SN; tsc:TSC; strt:STRT) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message defined by PIXIT | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r35(slot, tsc) | |
| pcmd | Pcmd_19(TSPX_PwrlvIC) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | ChMod_sign_iei | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | MoblAllc_r12 | |
| strt | strt | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r36(slot, tsc) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAllc_r13 | |
| cphms | OMIT | |
| Detailed Comments: | used in TC_26_6_13_3 only. | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_r17(slot:SN; tsc:TSC; strt:STRT) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message defined by PIXIT | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_r39(slot, tsc) | |
| pcmd | Pcmd_19(TSPX_PwrlvlID) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | ChMod_sign_iei | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | MoblAllc_r16 | |
| strt | strt | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r40(slot, tsc) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAllc_r17 | |
| cphms | OMIT | |
| Detailed Comments: | used in TC_26_6_13_3 only. | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_fh(slot:SN; tsc:TSC; par_pwvl, maio, hsn:INTEGER; cchd:CCHD; chmod:CHMOD; ma:MA) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_fh(slot, tsc, maio, hsn) | |
| pcmd | Pcmd_19(INT_TO_BIT(par_pwvl, 5)) | |
| frql_at | OMIT | |
| cchd | cchd | |
| ch1mod | chmod | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | ma | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmd_nfh(slot:SN; tsc:TSC; par_pwlvl, arfcn:INTEGER; cchd:CCHD; chmod:CHMOD; strt:STRT) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_nfh(slot, tsc, arfcn) | |
| pcmd | Pcmd_19(INT_TO_BIT(par_pwlvl, 5)) | |
| frql_at | OMIT | |
| cchd | cchd | |
| ch1mod | chmod | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | strt | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_tchh_fh(subch:BITSTRING; slot:SN; tsc:TSC; par_pwlvl, maio, hsn:INTEGER; chmod:CHMOD; frql:FRQL; ma:MA) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_tchh_fh(subch, slot, tsc, maio, hsn) | |
| pcmd | Pcmd_19(INT_TO_BIT(par_pwlvl, 5)) | |
| frql_at | frql | |
| cchd | OMIT | |
| ch1mod | chmod | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | ma | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AsgnCmd_tchh_nfh(subch:BITSTRING; slot:SN; tsc:TSC; par_pwlvl, arfcn:INTEGER) | |
| PDU Type: | ASS_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMMAND message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101110'B | |
| ch1d_at | ChDescrp_tchh_nfh(subch, slot, tsc, arfcn) | |
| pcmd | Pcmd_19(INT_TO_BIT(par_pwlvl, 5)) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AsgnCmp_02 | |
| PDU Type: | ASS_COM_PDU | |
| Derivation Path: | | |
| Comments: | An ASSIGNMENT COMPLETE message containing any cause. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101001'B | |
| rrcau | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------|----------|
| Constraint Name: | AssgnFI_01 | |
| PDU Type: | ASSFL_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101111'B | |
| rrcau | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------|----------|
| Constraint Name: | AssgnFI_02 | |
| PDU Type: | ASSFL_PDU | |
| Derivation Path: | AssgnFI_01. | |
| Comments: | #6F | |
| Field Name | Field Value | Comments |
| rrcau | '01101111'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Abortmsg_01(par: REJCAU) | |
| PDU Type: | ABRT_PDU | |
| Derivation Path: | | |
| Comments: | An ABORT message with reject cause which should be given as parameter. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00101001'B | |
| rejcau | par | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AuthRequest_01 | |
| PDU Type: | AUTH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An AUTHENTICATION REQUEST message containing default ciphering key sequence number and default challenge RAND from PIXIT. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00010010'B | |
| shoct | '0000'B | |
| cphksn | CphKeySN_01 | |
| rand | TSPX_RANDDef | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | AuthRequest_02 | |
| PDU Type: | AUTH_RQ_PDU | |
| Derivation Path: | AuthRequest_01. | |
| Comments: | An AUTHENTICATION REQUEST message containing ciphering key sequence number and RAND which are different from default values. | |
| Field Name | Field Value | Comments |
| cphksn | CphKeySN_03 | |
| rand | TSPX_RANDB | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AuthRequest_03 | |
| PDU Type: | AUTH_RQ_PDU | |
| Derivation Path: | AuthRequest_01. | |
| Comments: | An AUTHENTICATION REQUEST message containing ciphering key sequence number and RAND which are different from default values and the value used by the AuthRequest_02. | |
| Field Name | Field Value | Comments |
| cphksn | CphKeySN_04 | |
| rand | TSPX_RANDC | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AuthRequest_05 | |
| PDU Type: | AUTH_RQ_PDU | |
| Derivation Path: | AuthRequest_01. | |
| Comments: | An AUTHENTICATION REQUEST message containing ciphering key sequence number and RAND from PIXIT different from default values. | |
| Field Name | Field Value | Comments |
| cphksn | CphKeySN_05 | |
| rand | TSPX_RANDA | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AuthRequest_30(cksn: BITSTRING) | |
| PDU Type: | AUTH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An AUTHENTICATION REQUEST message containing default ciphering key sequence number and default challenge RAND from PIXIT. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00010010'B | |
| shoct | '0000'B | |
| cphksn | CphKeySN_07(cksn) | |
| rand | TSPX_RANDDef | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AuthRequest_inv_01 | |
| PDU Type: | AUTH_RQ_PDU | |
| Derivation Path: | AuthRequest_01. | |
| Comments: | An invalid AUTHENTICATION REQUEST message containing arbitrary spare bits | |
| Field Name | Field Value | Comments |
| shoct | '0101'B | |
| cphksn | CphKeySN_02 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | AuthReject_01 | |
| PDU Type: | AUTH_REJ_PDU | |
| Derivation Path: | | |
| Comments: | An AUTHENTICATION REJECT message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00010001'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | AuthResponse_01 | |
| PDU Type: | AUTH_RES_PDU | |
| Derivation Path: | | |
| Comments: | An AUTHENTICATION RESPONSE message matching any SRES. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?010100'B | |
| sres | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CallConfirm_01 | |
| PDU Type: | CALL_CO_PDU | |
| Derivation Path: | | |
| Comments: | a CALL CONFIRMED message with TI value = 000 | |
| Field Name | Field Value | Comments |
| ti | TI_01 | |
| ccpd | '0011'B | |
| mt | '0?001000'B | |
| bcri | * | |
| bcap1 | * | |
| bcap2 | * | |
| cau | OMIT | |
| cccacp | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CallConfirm_02(Ti:TI) | |
| PDU Type: | CALL_CO_PDU | |
| Derivation Path: | | |
| Comments: | a CALL CONFIRMED message with cause #17. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?001000'B | |
| bcri | * | |
| bcap1 | * | |
| bcap2 | * | |
| cau | Cause_17 | |
| cccacp | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CallConfirm_03 | |
| PDU Type: | CALL_CO_PDU | |
| Derivation Path: | | |
| Comments: | a CALL CONFIRMED message with TI value = 000 | |
| Field Name | Field Value | Comments |
| ti | TI_01 | |
| ccpd | '0011'B | |
| mt | '0?001000'B | |
| bcri | * | |
| bcap1 | ? | |
| bcap2 | * | |
| cau | OMIT | |
| cccap | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | CallConfirm_20 | |
| PDU Type: | CALL_CO_PDU | |
| Derivation Path: | | |
| Comments: | a CALL CONFIRMED message with bearer | |
| Field Name | Field Value | Comments |
| ti | TI_01 | |
| ccpd | '0011'B | |
| mt | '0?001000'B | |
| bcri | * | |
| bcap1 | OMIT | |
| bcap2 | OMIT | |
| cau | OMIT | |
| cccap | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CallProced_01(Ti:Ti) | |
| PDU Type: | CALL_PROC_PDU | |
| Derivation Path: | | |
| Comments: | An CALL PROCEEDING message with mandatory IE's only. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00000010'B | |
| bcri | OMIT | |
| bcap1 | OMIT | |
| bcap2 | OMIT | |
| fie | OMIT | |
| pi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CallProced_02(Ti:TI) | |
| PDU Type: | CALL_PROC_PDU | |
| Derivation Path: | | |
| Comments: | An CALL PROCEEDING message with bearer capability 1 assigned in the send statement. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00000010'B | |
| bcri | OMIT | |
| bcap1 | ? | |
| bcap2 | OMIT | |
| fie | OMIT | |
| pi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CallProced_03 | |
| PDU Type: | CALL_PROC_PDU | |
| Derivation Path: | | |
| Comments: | An CALL PROCEEDING message without optionnal IE's. | |
| Field Name | Field Value | Comments |
| ti | ? | |
| ccpd | '0011'B | |
| mt | '00000010'B | |
| bcri | ? | |
| bcap1 | ? | |
| bcap2 | ? | |
| fie | OMIT | |
| pi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | CallProced_inv_02(Ti:TI) | |
| PDU Type: | CALL_PROC_PDU | |
| Derivation Path: | | |
| Comments: | used as an invalid CC message. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00000010'B | |
| bcri | '01011110'B | |
| bcap1 | Bcap_02 | |
| bcap2 | OMIT | |
| fie | OMIT | |
| pi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CCStatus_01(Ti:Ti) | |
| PDU Type: | CCST_PDU | |
| Derivation Path: | | |
| Comments: | A CC STATUS message to match any received CC STATUS. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?111101'B | |
| cau | ? | |
| cst | ? | |
| acst | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CCStatus_02 | |
| PDU Type: | CCST_PDU | |
| Derivation Path: | | |
| Comments: | A STATUS message containing cause value #97 | |
| Field Name | Field Value | Comments |
| ti | Ti_01 | |
| ccpd | '0011'B | |
| mt | '0?111101'B | |
| cau | Cause_02 | |
| cst | ? | |
| acst | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CCStatus_03(Ti:Ti) | |
| PDU Type: | CCST_PDU | |
| Derivation Path: | CCStatus_01. | |
| Comments: | CC STATUS message containing cause value #98 | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cau | Cause_03 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CCStatus_04(Ti:Ti) | |
| PDU Type: | CCST_PDU | |
| Derivation Path: | CCStatus_01. | |
| Comments: | A CC STATUS message containing cause value #96 | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cau | Cause_04 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CCStatus_08(Ti:TI; st:INTEGER) | |
| PDU Type: | CCST_PDU | |
| Derivation Path: | | |
| Comments: | A CC STATUS message to match a received CC STATUS containing CC state 'st', cause = #97 | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?111101'B | |
| cau | Cause_02 | |
| cst | CallState_01(st) | |
| acst | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CCStatus_14(Ti:TI; st:INTEGER) | |
| PDU Type: | CCST_PDU | |
| Derivation Path: | | |
| Comments: | A CC STATUS message to match a received CC STATUS containing CC state = `st`, cause = #30 | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?111101'B | |
| cau | Cause_18 | |
| cst | CallState_01(st) | |
| acst | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CCStatus_inv_01 | |
| PDU Type: | CCST_PDU | |
| Derivation Path: | | |
| Comments: | A CC STATUS message without mandatory cause IE and call state IE. | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00111101'B | |
| cau | OMIT | |
| cst | OMIT | |
| acst | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------------|----------|
| Constraint Name: | CCStatusEq_01(Ti:TI) | |
| PDU Type: | CCST_ENQ_PDU | |
| Derivation Path: | | |
| Comments: | A STATUS ENQUIRY message | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00110100'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | ChmomoAck_01(chmd:CHMOD; chd:CHD) | |
| PDU Type: | CHMMO_ACK_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010111'B | |
| chd | chd | |
| chmod | chmd | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | ChmomoAck_02(chmd:CHMOD; chd:CHD) | |
| PDU Type: | CHMMO_ACK_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010111'B | |
| chd | chd | |
| chmod | chmd | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChmomoAck_08(type:BITSTRING; chmd:B_8; slot:SN; tsc:TSC) | |
| PDU Type: | CHMMO_ACK_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010111'B | |
| chd | ChDescrp_14(type, slot, tsc) | |
| chmod | ChMod_mand(chmd) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChmomoReq_01(chmd:CHMOD; chd:CHD) | |
| PDU Type: | CHMMO_PDU | |
| Derivation Path: | | |
| Comments: | the channel being modified is default full rate traffic channel. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010000'B | |
| chd | chd | |
| chmod | chmd | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------------------------|----------|
| Constraint Name: | ChmomoReq_02(chmd:CHMOD; chd:CHD) | |
| PDU Type: | CHMMO_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010000'B | |
| chd | chd | |
| chmod | chmd | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChmomoReq_07(type:BITSTRING; chmd:B_8; slot:SN; tsc:TSC) | |
| PDU Type: | CHMMO_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010000'B | |
| chd | ChDescrip_14(type, slot, tsc) | |
| chmod | ChMod_mand(chmd) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRelease_01 | |
| PDU Type: | CH_REL_PDU | |
| Derivation Path: | | |
| Comments: | A CHANNEL RELEASE message with RR cause = normal event | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00001101'B | |
| rrcau | '00000000'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRelease_inv_01 | |
| PDU Type: | CH_REL_PDU | |
| Derivation Path: | ChRelease_01. | |
| Comments: | An invalid CHANNEL RELEASE message without mandatory IE RR cause | |
| Field Name | Field Value | Comments |
| rrcau | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRelease_inv_02 | |
| PDU Type: | CH_REL_PDU | |
| Derivation Path: | ChRelease_01. | |
| Comments: | A CHANNEL RELEASE message containing incorrect skip indicator 6. | |
| Field Name | Field Value | Comments |
| ski | '0110'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRelease_inv_03 | |
| PDU Type: | CH_REL_PDU_ERR | |
| Derivation Path: | | |
| Comments: | A CHANNEL RELEASE message containing additional IE unknown in the RR protocol | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00001101'B | |
| rrcau | '00000000'B | |
| add | '6205AA55EF6701'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRequest_01 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | A CHANNEL REQUEST message containing establishment cause = answer to paging. | |
| Field Name | Field Value | Comments |
| ecau_rrf | '100?????'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRequest_02 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match any received CHANNEL REQUEST message | |
| Field Name | Field Value | Comments |
| ecau_rrf | '????????'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRequest_03 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message containing establishment cause = '0001'B, "other procedures which can be completed with an SDCCH". | |
| Field Name | Field Value | Comments |
| ecau_rrf | '0001????'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRequest_04 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message which originates a call (establishment cause = '111'B), "Originating call and TCH/F is needed, or IMSI detach, SMS or SS procedures that can be completed with an SDCCH and NECI set to 0". | |
| Field Name | Field Value | Comments |
| ecau_rrf | '111?????B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRequest_05 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message containing establishment cause = '0100'B, "Originating speech call from dual-rate mobile station when TCH/H is sufficient and the network sets NECI bit to 1" | |
| Field Name | Field Value | Comments |
| ecau_rrf | '0100????B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRequest_06 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message which originates a half rate data call (establishment cause = '0101'B). | |
| Field Name | Field Value | Comments |
| ecau_rrf | '0101????B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRequest_07 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message with establishment cause = '0010'B. | |
| Field Name | Field Value | Comments |
| ecau_rrf | '0010????B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRequest_08 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message with establishment cause = '0011'B. | |
| Field Name | Field Value | Comments |
| ecau_rrf | '0011????B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRequest_09 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message with establishment cause = '000'B. | |
| Field Name | Field Value | Comments |
| ecau_rrf | '000?????'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRequest_10 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | A CHANNEL REQUEST message with establishment cause = '110'B. | |
| Field Name | Field Value | Comments |
| ecau_rrf | '110?????'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRequest_11 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message with establishment cause = '011010'B. | |
| Field Name | Field Value | Comments |
| ecau_rrf | '011010???'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRequest_12 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message with establishment cause = '100'B. | |
| Field Name | Field Value | Comments |
| ecau_rrf | '100?????'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRequest_13 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message with establishment cause = '100'B or '0010'B or '0001'B. | |
| Field Name | Field Value | Comments |
| ecau_rrf | ('100?????'B, '0010?????'B, '0001?????'B) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRequest_14 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message with establishment cause = '100'B or '0011'B or '0001'B. | |
| Field Name | Field Value | Comments |
| ecau_rrf | ('100?????'B, '0011?????'B, '0001?????'B) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRequest_15 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message with establishment cause = '111'B or '0100'B or '0101'B --- initiate outgoing call | |
| Field Name | Field Value | Comments |
| ecau_rrf | ('111?????'B, '0100?????'B, '0101?????'B, '101?????'B) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRequest_16 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message with establishment cause = '101'B for emergency call. | |
| Field Name | Field Value | Comments |
| ecau_rrf | '101?????'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRequest_17 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | A CHANNEL REQUEST message containing establishment cause = 100, 0010, 0011, 0001 | |
| Field Name | Field Value | Comments |
| ecau_rrf | ('100?????'B, '0010?????'B, '0011?????'B, '0001?????'B) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ChRequest_18 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message with establishment cause = '0000'B. | |
| Field Name | Field Value | Comments |
| ecau_rrf | '0000?????'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ChRequest_19 | |
| PDU Type: | CH_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match the received CHANNEL REQUEST message with establishment cause = '111'B or '101'B --- initiate outgoing call | |
| Field Name | Field Value | Comments |
| ecau_rrf | ('111?????'B, '101?????'B) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ClassChange_01 | |
| PDU Type: | CLM_CHN_PDU | |
| Derivation Path: | | |
| Comments: | CLASSMARK CHANGE message containing classmark2 indicating original rf power class | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010110'B | |
| msclm | TSPX_ClassMark2 | |
| msclm_adi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ClassChange_02 | |
| PDU Type: | CLM_CHN_PDU | |
| Derivation Path: | ClassChange_01. | |
| Comments: | CLASSMARK CHANGE message containing classmark2 indicating new rf power class due to addition of power amplification | |
| Field Name | Field Value | Comments |
| msclm | TSPX_ClassMark2Amp | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ClassChange_03 | |
| PDU Type: | CLM_CHN_PDU | |
| Derivation Path: | ClassChange_01. | |
| Comments: | CLASSMARK CHANGE message containing classmark2 indicating original rf power class and possible classmark3. | |
| Field Name | Field Value | Comments |
| msclm | TSPX_ClassMark2 | |
| msclm_adi | TSPX_ClassMark3 IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------|----------|
| Constraint Name: | ClassMarkEnq_01 | |
| PDU Type: | CLM_ENQ_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010011'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------|----------|
| Constraint Name: | CMReEstReq_02 | |
| PDU Type: | CMRE_RQ_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?101000'B | |
| shoct | '0000'B | |
| cphksn | CphKeySN_05 | |
| msclm | TSPX_ClassMark2 | |
| mi | MiTmsi_01 | |
| lai | LocAreald_01iei | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------|----------|
| Constraint Name: | CMReEstReq_03 | |
| PDU Type: | CMRE_RQ_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?101000'B | |
| shoct | '0000'B | |
| cphksn | CphKeySN_05 | |
| msclm | TSPX_ClassMark2 | |
| mi | Milmsi_31 | |
| lai | LocAreald_01iei | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------------------|----------|
| Constraint Name: | CMServiceAcp_01 | |
| PDU Type: | CMS_ACP_PDU | |
| Derivation Path: | | |
| Comments: | a CM SERVICE ACCEPT message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00100001'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CMServiceRej_01 | |
| PDU Type: | CMS_REJ_PDU | |
| Derivation Path: | | |
| Comments: | reject cause = 'service or option not available, unspecified' | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00100010'B | |
| mmcau | '20'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|------------------------------------|----------|
| Constraint Name: | CMServiceRej_02 | |
| PDU Type: | CMS_REJ_PDU | |
| Derivation Path: | | |
| Comments: | reject cause = "IMEI not accepted" | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00100010'B | |
| mmcau | '05'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CMServiceRej_03 | |
| PDU Type: | CMS_REJ_PDU | |
| Derivation Path: | | |
| Comments: | reject cause = "Service Option not supported" | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00100010'B | |
| mmcau | '20'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | CMServiceRej_04 | |
| PDU Type: | CMS_REJ_PDU | |
| Derivation Path: | | |
| Comments: | reject cause = "network failure" | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00100010'B | |
| mmcau | '11'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CMServiceRej_30(par: REJCAU) | |
| PDU Type: | CMS_REJ_PDU | |
| Derivation Path: | | |
| Comments: | reject cause = "service or option not available, unsepcified" | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00100010'B | |
| mmcau | par | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CMServiceReq_01 | |
| PDU Type: | CMS_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match any received CM SERVICE REQUEST message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?100100'B | |
| cphksn | ? | |
| svtype | ? | |
| msclm | ? | |
| mi | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CMServiceReq_02 | |
| PDU Type: | CMS_RQ_PDU | |
| Derivation Path: | CMServiceReq_01. | |
| Comments: | To match a received CM SERVICE REQUEST message containing mobile station classmark 2 indicating new RF power capability. | |
| Field Name | Field Value | Comments |
| msclm | TSPX_ClassMark2Amp | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CMServiceReq_04 | |
| PDU Type: | CMS_RQ_PDU | |
| Derivation Path: | CMServiceReq_01. | |
| Comments: | To match a received CM SERVICE REQUEST message containing CM service type = "Mobile originating call establishment or packet mode connection establishment" or " emergency call establishment". | |
| Field Name | Field Value | Comments |
| svtype | ('0001'B, '0010'B) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CMServiceReq_05(mi:MI) | |
| PDU Type: | CMS_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match any received CM SERVICE REQUEST message for emergency call with IMEI. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?100100'B | |
| cphksn | ? | |
| svtype | C_CMServiceTypeE | |
| msclm | ? | |
| mi | mi | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CMServiceReq_06 | |
| PDU Type: | CMS_RQ_PDU | |
| Derivation Path: | CMServiceReq_01. | |
| Comments: | To match any received CM SERVICE REQUEST message for emergency call with TMSI and correct CKSN. | |
| Field Name | Field Value | Comments |
| cphksn | CphKeySN_01 | |
| svtype | C_CMServiceTypeE | |
| mi | MiTmsi_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CMServiceReq_07 | |
| PDU Type: | CMS_RQ_PDU | |
| Derivation Path: | CMServiceReq_01. | |
| Comments: | To match any received CM SERVICE REQUEST message for emergency call with IMEI and CKSN indicating "no key is available". | |
| Field Name | Field Value | Comments |
| cphksn | CphKeySN_06 | |
| svtype | C_CMServiceTypeE | |
| msclm | TSPX_ClassMark2 | |
| mi | Milmei_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CMServiceReq_08 | |
| PDU Type: | CMS_RQ_PDU | |
| Derivation Path: | CMServiceReq_01. | |
| Comments: | To match the received CM SERVICE REQUEST message indicating " supplementary service activation" | |
| Field Name | Field Value | Comments |
| svtype | '1000'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CMServiceReq_09 | |
| PDU Type: | CMS_RQ_PDU | |
| Derivation Path: | CMServiceReq_01. | |
| Comments: | To match the received CM SERVICE REQUEST message indicating " short message transfer" | |
| Field Name | Field Value | Comments |
| svtype | '0100'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CMServiceReq_30(parexpected_mi: MI) | |
| PDU Type: | CMS_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match any received CM SERVICE REQUEST message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?100100'B | |
| cphksn | ? | |
| svtype | ? | |
| msclm | ? | |
| mi | parexpected_mi | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CMServiceReq_31(parexpected_mi: MI; cksn: BITSTRING) | |
| PDU Type: | CMS_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match any received CM SERVICE REQUEST message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?100100'B | |
| cphksn | CphKeySN_07(cksn) | |
| svtype | C_CMSserviceTypeE | |
| msclm | ? | |
| mi | parexpected_mi | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CMServiceReq_32(parexpected_mi: MI; cksn: BITSTRING) | |
| PDU Type: | CMS_RQ_PDU | |
| Derivation Path: | | |
| Comments: | To match any received CM SERVICE REQUEST message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?100100'B | |
| cphksn | CphKeySN_07(cksn) | |
| svtype | ? | |
| msclm | ? | |
| mi | parexpected_mi | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Connect_01 | |
| PDU Type: | CONN_PDU | |
| Derivation Path: | | |
| Comments: | CC CONNECT message matching any received value | |
| Field Name | Field Value | Comments |
| ti | Tl_01 | |
| ccpd | '0011'B | |
| mt | '0?000111'B | |
| fie | * | |
| pi | OMIT | |
| cnn | OMIT | |
| cns | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Connect_02(Ti:TI) | |
| PDU Type: | CONN_PDU | |
| Derivation Path: | | |
| Comments: | CC CONNECT message containing mandatory IE's only. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00000111'B | |
| fie | OMIT | |
| pi | OMIT | |
| cnn | OMIT | |
| cns | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Connect_05(Ti:TI; fie:FIE) | |
| PDU Type: | CONN_PDU | |
| Derivation Path: | | |
| Comments: | CC CONNECT message containing facility IE. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00000111'B | |
| fie | fie | |
| pi | OMIT | |
| cnn | OMIT | |
| cns | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Connect_inv_01(Ti:TI) | |
| PDU Type: | CONN_PDU_ERR | |
| Derivation Path: | | |
| Comments: | An invalid CONNECT message containing an optional IE coded as comprehension required. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00000111'B | |
| unknown | UnknownIE_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------------------------|----------|
| Constraint Name: | ConnectAck_01 | |
| PDU Type: | CONN_ACK_PDU | |
| Derivation Path: | | |
| Comments: | A CONNECT ACKNOWLEDGE message n -> ms | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00001111'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | ConnectAck_02(Ti:TI) | |
| PDU Type: | CONN_ACK_PDU | |
| Derivation Path: | | |
| Comments: | A CONNECT ACKNOWLEDGE message | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?001111'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphModeCmd_01 | |
| PDU Type: | CPHM_CMD_PDU | |
| Derivation Path: | | |
| Comments: | CIPHERING MODE COMMAND message, the cipherring algorithm is specified by PIXIT. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00110101'B | |
| cph_res | CiphRes_01 | |
| cphms | CphMod_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphModeCmd_02 | |
| PDU Type: | CPHM_CMD_PDU | |
| Derivation Path: | CphModeCmd_01. | |
| Comments: | CIPHERING MODE COMMAND message with no ciphering. | |
| Field Name | Field Value | Comments |
| cphms | CphMod_02 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CphModeCmd_03 | |
| PDU Type: | CPHM_CMD_PDU | |
| Derivation Path: | CphModeCmd_01. | |
| Comments: | CIPHERING MODE COMMAND message with no ciphering and IMEI included, the ciphering algorithm is specified by PIXIT. | |
| Field Name | Field Value | Comments |
| cph_res | CiphRes_02 | |
| cphms | CphMod_02 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CphModeCmd_inv_01 | |
| PDU Type: | CPHM_CMD_PDU | |
| Derivation Path: | CphModeCmd_01. | |
| Comments: | Invalid CIPHERING MODE COMMAND message with mandatory IE's missing | |
| Field Name | Field Value | Comments |
| cph_res | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphModeCmd_inv_02 | |
| PDU Type: | CPHM_CMD_PDU | |
| Derivation Path: | CphModeCmd_01. | |
| Comments: | CIPHERING MODE COMMAND message containing incorrect skip identifier | |
| Field Name | Field Value | Comments |
| ski | '0011'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CphModeCmd_inv_03 | |
| PDU Type: | CPHM_CMD_PDU_ERR | |
| Derivation Path: | | |
| Comments: | CIPHERING MODE COMMAND message containing unknown IE | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00110101'B | |
| cph_res | CiphRes_01 | |
| cphms | CphMod_03 | |
| add | '92'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphModeCmp_01 | |
| PDU Type: | CPHM_COM_PDU | |
| Derivation Path: | | |
| Comments: | To match any received CIPHERING MODE COMPLETE message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00110010'B | |
| mei | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CphModeCmp_02 | |
| PDU Type: | CPHM_COM_PDU | |
| Derivation Path: | CphModeCmp_01. | |
| Comments: | To match a received CIPHERING MODE COMPLETE message without IMEI. | |
| Field Name | Field Value | Comments |
| mei | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CphModeCmp_03 | |
| PDU Type: | CPHM_COM_PDU | |
| Derivation Path: | | |
| Comments: | To match a received CIPHERING MODE COMPLETE message containing IMEI. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00110010'B | |
| mei | Milmeisv_01iei | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Disconn_04(Ti:Ti) | |
| PDU Type: | DISC_PDU | |
| Derivation Path: | | |
| Comments: | A DISCONNECT message that contains cause = normal clearing and progress indicator = #8. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00100101'B | |
| cau | Cause_01 | |
| fie | OMIT | |
| pi | ProgInd_03iei | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Disconn_05(Ti:TI) | |
| PDU Type: | DISC_PDU | |
| Derivation Path: | | |
| Comments: | A default DISCONNECT message matching any valid received value ms -> n. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?100101'B | |
| cau | Cause_Def | |
| fie | * | |
| pi | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Disconn_07(Ti:TI) | |
| PDU Type: | DISC_PDU | |
| Derivation Path: | | |
| Comments: | A DISCONNECT message that contains cause = normal clearing (n->ms). | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00100101'B | |
| cau | Cause_01 | |
| fie | OMIT | |
| pi | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Disconn_08(Ti:TI) | |
| PDU Type: | DISC_PDU | |
| Derivation Path: | | |
| Comments: | A DISCONNECT message that contains cause = recovery on timer expiry #102 (ms->n). | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?100101'B | |
| cau | Cause_14 | |
| fie | * | |
| pi | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Disconn_09 | |
| PDU Type: | DISC_PDU | |
| Derivation Path: | | |
| Comments: | A DISCONNECT message that contains cause = normal clearing and user-user information. | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00100101'B | |
| cau | Cause_01 | |
| fie | OMIT | |
| pi | OMIT | |
| uu | TSPX_UuInfo | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Disconn_10(Ti:TI) | |
| PDU Type: | DISC_PDU | |
| Derivation Path: | | |
| Comments: | To match a received DISCONNECT message containing transaction identifier = Ti , cause #68 and facility_IE45 for ForarwdChargeAdvice ReturnResult ms -> n. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?100101'B | |
| cau | Cause_Def | |
| fie | facilityIErcviei(FwdChAdvRslt_01) | |
| pi | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Disconn_inv_01 | |
| PDU Type: | DISC_PDU | |
| Derivation Path: | | |
| Comments: | A DISCONNECT message containing cause value #16 and location = user, the transaction ID does not refer to the active call. | |
| Field Name | Field Value | Comments |
| ti | TI_03 | |
| ccpd | '0011'B | |
| mt | '00100101'B | |
| cau | Cause_01 | |
| fie | OMIT | |
| pi | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Disconn_inv_02 | |
| PDU Type: | DISC_PDU | |
| Derivation Path: | | |
| Comments: | A DISCONNECT message in which the mandatory IE cause is missing. (N -> MS) | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00100101'B | |
| cau | OMIT | |
| fie | OMIT | |
| pi | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Disconn_inv_03 | |
| PDU Type: | DISC_PDU_ERR | |
| Derivation Path: | | |
| Comments: | An invalid DISCONNECT message which contains optional unknown IEI | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00100101'B | |
| cau | Cause_01 | |
| unknown | UnknownIE_02 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Disconn_inv_04 | |
| PDU Type: | DISC_PDU | |
| Derivation Path: | | |
| Comments: | An invalid DISCONNECT message containing arbitrary spare bits | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00100101'B | |
| cau | Cause_06 | |
| fie | OMIT | |
| pi | ProgInd_01 | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Disconn_inv_05 | |
| PDU Type: | DISC_PDU | |
| Derivation Path: | | |
| Comments: | A DISCONNECT message containing cause value #16 and location = user, the TI = '0111'B. | |
| Field Name | Field Value | Comments |
| ti | TI_06 | |
| ccpd | '0011'B | |
| mt | '00100101'B | |
| cau | Cause_01 | |
| fi | OMIT | |
| pi | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | ESetup_01 | |
| PDU Type: | ESETUP_PDU | |
| Derivation Path: | | |
| Comments: | An emergency SETUP message. ms -> n. | |
| Field Name | Field Value | Comments |
| ti | ? | |
| ccpd | '0011'B | |
| mt | '0?001110'B | |
| bcap | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ESetup_02 | |
| PDU Type: | ESETUP_PDU | |
| Derivation Path: | | |
| Comments: | A SETUP message containing a bearer capability IE indicating "full rate channel" or no bearer capability at all. ms -> n. | |
| Field Name | Field Value | Comments |
| ti | ? | |
| ccpd | '0011'B | |
| mt | '0?001110'B | |
| bcap | Bcap_01 IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ESetup_03 | |
| PDU Type: | ESETUP_PDU | |
| Derivation Path: | | |
| Comments: | A SETUP message containing a bearer capability. | |
| Field Name | Field Value | Comments |
| ti | ? | |
| ccpd | '0011'B | |
| mt | '0?001110'B | |
| bcap | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | FacilityPdu_04(Ti, Ti1:TI; fie:FIE) | |
| PDU Type: | FAC_PDU | |
| Derivation Path: | | |
| Comments: | FACILITY message, call dependent, ms->n | |
| Field Name | Field Value | Comments |
| ti | (Ti, Ti1) | |
| cc_sspd | '0011'B | |
| mt | '0?111010'B | |
| fie | fie | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FacilityPdu_05(Ti:TI) | |
| PDU Type: | FAC_PDU | |
| Derivation Path: | | |
| Comments: | FACILITY message, call dependent, used in TC_11_3, containing any facility iformation element ms->n. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '0011'B | |
| mt | '0?111010'B | |
| fie | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | FacilityPdu_25(Ti:TI; fie:FIE) | |
| PDU Type: | FAC_PDU | |
| Derivation Path: | | |
| Comments: | FACILITY message, call dependent, n -> ms | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '0011'B | |
| mt | '00111010'B | |
| fie | fie | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | FacilityPdu_25_ci(Ti:TI; fie:FIE) | |
| PDU Type: | FAC_PDU | |
| Derivation Path: | | |
| Comments: | FACILITY message, call independent, n -> ms | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '1011'B | |
| mt | '00111010'B | |
| fie | fie | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FacilityPdu_26(Ti:TI; fie:FIE) | |
| PDU Type: | FAC_PDU | |
| Derivation Path: | | |
| Comments: | FACILITY message, call dependent ms -> n | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '0011'B | |
| mt | '0?111010'B | |
| fie | fie | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FacilityPdu_26_ci(Ti:TI; fie:FIE) | |
| PDU Type: | FAC_PDU | |
| Derivation Path: | | |
| Comments: | FACILITY message, call independent ms -> n | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '1011'B | |
| mt | '0?111010'B | |
| fie | fie | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FreqRedef_01(chd:CHD; ma:MA; strt:STRT; cchd:CCHD) | |
| PDU Type: | FRQRE_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010100'B | |
| chd | chd | |
| ma | ma | |
| strt | strt | |
| cchd | cchd | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | FreqRedef_02(slot:SN; tsc:TSC) | |
| PDU Type: | FRQRE_PDU | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_3 | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010100'B | |
| chd | ChDescrp_r34(slot, tsc) | |
| ma | MobIAllc_r11 | |
| strt | ? | |
| cchd | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | FreqRedef_03(slot:SN; tsc:TSC) | |
| PDU Type: | FRQRE_PDU | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_4 | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010100'B | |
| chd | ChDescrp_r38(slot, tsc) | |
| ma | MoblAllc_r15 | |
| strt | ? | |
| cchd | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | FreqRedef_04(slot:SN; tsc:TSC) | |
| PDU Type: | FRQRE_PDU | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_7 | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010100'B | |
| chd | ChDescrp_r48(slot, tsc) | |
| ma | MoblAllc_r25 | |
| strt | ? | |
| cchd | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------------------|----------|
| Constraint Name: | FreqRedef_05(slot:SN; tsc:TSC) | |
| PDU Type: | FRQRE_PDU | |
| Derivation Path: | | |
| Comments: | used in TC_26_6_13_8 | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010100'B | |
| chd | ChDescrp_r54(slot, tsc) | |
| ma | MoblAllc_r29 | |
| strt | ? | |
| cchd | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | FreqRedef_20(ts_ccch: BITSTRING; par_chtype:BITSTRING; par_cchd: OCTETSTRING; par_ma:BITSTRING; par_stime:STRT) | |
| PDU Type: | FRQRE_PDU | |
| Derivation Path: | | |
| Comments: | Frequency Redefinition | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010100'B | |
| chd | ChDescrp_22e(ts_ccch, par_chtype) | |
| ma | MoblAllc_20_Be1(par_ma) | |
| strt | par_stime | |
| cchd | CellChDes_20_Be(par_cchd) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FreqRedef_21(ts_ccch: BITSTRING; par_chtype:BITSTRING; par_ma:BITSTRING; par_stime:STRT) | |
| PDU Type: | FRQRE_PDU | |
| Derivation Path: | | |
| Comments: | Frequency Redefinition | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010100'B | |
| chd | ChDescrp_22e(ts_ccch, par_chtype) | |
| ma | MoblAllc_20_Be1(par_ma) | |
| strt | par_stime | |
| cchd | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | FreqRedef_22(ts_ccch: BITSTRING; par_chtype:BITSTRING; par_cchd: OCTETSTRING; par_ma1:BITSTRING; par_ma2:BITSTRING; par_stime:STRT) | |
| PDU Type: | FRQRE_PDU | |
| Derivation Path: | | |
| Comments: | Frequency Redefinition | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010100'B | |
| chd | ChDescrp_22e(ts_ccch, par_chtype) | |
| ma | MoblAllc_20_Be2(par_ma1, par_ma2) | |
| strt | par_stime | |
| cchd | CellChDes_20_Be(par_cchd) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverAcc_01 | |
| PDU Type: | HOACC_PDU | |
| Derivation Path: | | |
| Comments: | To match any received HANDOVER ACCESS message | |
| Field Name | Field Value | Comments |
| horf | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverAcc_02(horef:HORF) | |
| PDU Type: | HOACC_PDU | |
| Derivation Path: | | |
| Comments: | To match a received HANOVER ACCESS message with handover reference ` horef` . | |
| Field Name | Field Value | Comments |
| horf | horf | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_sdcch4(ch:BITSTRING; slot:SN; tsc:TSC; cphms:CPHMS; arfcn:INTEGER) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An HANOVER COMMAND used in TC_26_8_4. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r01 | |
| ch1d_at | ChDescrp_r04(ch, slot, tsc, arfcn) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19('01000'B) | |
| synchi | Synchi_05 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | cphms | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_dsdccch4(ch:BITSTRING; slot:SN; tsc:TSC; cphms:CPHMS; arfcn:INTEGER) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An HANDOVER COMMAND used in TC_26_8_4. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r01d | |
| ch1d_at | ChDescrp_r04d(ch, slot, tsc, arfcn) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19('01000'B) | |
| synchi | Synchi_05 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | cphms | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_05(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | The new channel is the TCH/F in cell B. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02 | |
| ch1d_at | ChDescrp_r10(slot, tsc) | |
| horf | TSPX_horfD | |
| pcmd | Pcmd_19('01000'B) | |
| synchi | Synchi_02 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | power level = 8 | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_06(slot:SN; tsc:TSC; ta :TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | The new channel is the TCH/F in cell B with timing advance = 9 bits periods. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r01 | |
| ch1d_at | ChDescrp_r10(slot, tsc) | |
| horf | TSPX_horfF | |
| pcmd | Pcmd_19('00111'B) | |
| synchi | Synchi_05 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | ta | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_07(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_05. | |
| Comments: | The new channel is the TCH/F in cell B. | |
| Field Name | Field Value | Comments |
| ch1d_at | ChDescrp_r10(slot, tsc) | |
| horf | TSPX_horfH | |
| pcmd | Pcmd_19('01010'B) | |
| synchi | Synchi_03 | |
| rtdif | RelTmdDif_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_08(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | The new channel is the TCH/F in cell B. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02 | |
| ch1d_at | ChDescrp_r10(slot, tsc) | |
| horf | TSPX_horfB | |
| pcmd | Pcmd_19('01000'B) | |
| synchi | Synchi_04 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_09(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | The new channel is the TCH/F in cell B. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02 | |
| ch1d_at | ChDescrp_r10(slot, tsc) | |
| horf | TSPX_horfC | |
| pcmd | Pcmd_19('01000'B) | |
| synchi | Synchi_04 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | power level = 8 | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_10(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An HANOVER COMMAND indicating finely synchronised intra cell handover. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescr_01 | |
| ch1d_at | ChDescr_14Def('00001'B, slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19('00111'B) | |
| synchi | Synchi_05 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_11(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An HANOVER COMMAND indicating non-synchronised intra cell handover. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_02 | |
| ch1d_at | ChDescrp_04(slot, tsc) | |
| horf | TSPX_horfB | |
| pcmd | Pcmd_19('00111'B) | |
| synchi | Synchi_04 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_12(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | The new channel is the TCH/F in cell B. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02d | |
| ch1d_at | ChDescrp_r10(slot, tsc) | |
| horf | TSPX_horfD | |
| pcmd | Pcmd_19('01000'B) | |
| synchi | Synchi_02 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | power level = 8 | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_13(slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_06. | |
| Comments: | The new channel is the TCH/F in cell B with timing advance = 9 bits periods. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_r02d | |
| ch1d_at | ChDescrp_r10(slot, tsc) | |
| horf | TSPX_horfF | |
| pcmd | Pcmd_19('00111'B) | |
| ta | ta | |
| Detailed Comments: | power level = 7 | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_14(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | The new channel is the TCH/F in cell B with timing advance = 9 bits periods. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02d | |
| ch1d_at | ChDescrp_r10(slot, tsc) | |
| horf | TSPX_horfH | |
| pcmd | Pcmd_19('01010'B) | |
| synchi | Synchi_03 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | RelTmdDif_01 | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | power level = 10 | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_15(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | The new channel is the TCH/F in cell B. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02d | |
| ch1d_at | ChDescrp_r10(slot, tsc) | |
| horf | TSPX_horfD | |
| pcmd | Pcmd_19('01000'B) | |
| synchi | Synchi_04 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | power level = 8 | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_16(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | The new channel is the TCH/F in cell B. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02d | |
| ch1d_at | ChDescrp_r10(slot, tsc) | |
| horf | TSPX_horfC | |
| pcmd | Pcmd_19('01000'B) | |
| synchi | Synchi_04 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | power level = 8 | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_20(ho_ref: HORF;ts_ccch: BITSTRING; par_arfcn: INTEGER; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | A basic HANDBOVER COMMAND containing . | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | OMIT | |
| ch1d_at | OMIT | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_01 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | ta | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_21_A(ho_ref: HORF;ts_ccch: BITSTRING; par_arfcn: INTEGER; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_20. | |
| Comments: | A derived HANDBOVER COMMAND containing TCH/F_NonFH in non synchronized new CELL A. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_A | |
| ch1d_at | ChDescrp_21(ts_ccch, par_arfcn) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_01 | |
| ch1mod | ChMod_speech_iei | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_21_B(ho_ref: HORF;ts_ccch: BITSTRING; par_arfcn: INTEGER; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_20. | |
| Comments: | A derived HANDOVER COMMAND containing TCH/F_NonFH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_21(ts_ccch, par_arfcn) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_01 | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_21_B2(ho_ref: HORF;ts_ccch: BITSTRING; par_arfcn: INTEGER; pow:BITSTRING; ta:TA; str:STRT) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | A derived HANDOVER COMMAND containing TCH/F_NonFH in non synchronized new CELL B for GSM900 and DCS1800. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_21(ts_ccch, par_arfcn) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_01 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | strt | |
| rtdif | OMIT | |
| ta | ta | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | HandOverCmd_22(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | A derived HANDOVER COMMAND containing TCH/F_FH in non synchronized new CELL A. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_21_A | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | Freqchseq_22 | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | ta | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_22d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | A derived HANOVER COMMAND containing TCH/F_FH in non synchronized new CELL A. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_21_A | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| frqsl_at | Frql_20_Ad | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | ta | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_220(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | A basic HANDOVER COMMAND | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_21_A | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | ta | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_22_B1(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_22. | |
| Comments: | A derived HANDOVER COMMAND containing TCH/F_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| ch1mod | ChMod_speech_iei | |
| frqchs_at | Freqchseq_06 | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_22_B1d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_22. | |
| Comments: | A derived HANDOVER COMMAND containing TCH/F_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| frqsl_at | Frql_20_B5d | |
| ch1mod | ChMod_speech_iei | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_22_B1e(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; par_chtype:BITSTRING; par_flist:OCTETSTRING; par_flistl: OCTETSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | A derived HANDOVER COMMAND containing TCH/F_FH in non synchronized new CELL B, specified for EGSM. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_21_Be | |
| ch1d_at | ChDescrp_22e(ts_ccch, par_chtype) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| frqsl_at | Frql_20_egsm(par_flist, par_flistl) | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | ChMod_speech_iei | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | Freqchseq_22 | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | ta | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_22_B2(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_22. | |
| Comments: | A derived HANOVER COMMAND containing TCH/F_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| cchd | CellChDes_20_B | |
| ch1mod | ChMod_sign_iei | |
| frqchs_at | OMIT | |
| ma_at | MoblAllc_20_B1iei | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_22_B2d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_22. | |
| Comments: | A derived HANOVER COMMAND containing TCH/F_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| frql_at | Frql_20_B9d | |
| ch1mod | ChMod_sign_iei | |
| frqchs_at | OMIT | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_22_B2e(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; par_chtype:BITSTRING; par_flist:OCTETSTRING; par_flistl: OCTETSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | A derived HANOVER COMMAND containing TCH/F_FH in non synchronized new CELL B, specified for EGSM. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_21_Be | |
| ch1d_at | ChDescrp_22e(ts_ccch, par_chtype) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| frqsl_at | OMIT | |
| frql_at | Frql_20_egsm(par_flist, par_flistl) | |
| cchd | OMIT | |
| ch1mod | ChMod_speech_iei | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | Freqchseq_22 | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | ta | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_22_B3(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_22. | |
| Comments: | A derived HANOVER COMMAND containing TCH/F_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| frql_at | Frql_20_B2 | |
| ch1mod | ChMod_speech_iei | |
| frqchs_at | OMIT | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_22_B3d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_22. | |
| Comments: | A derived HANOVER COMMAND containing TCH/F_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| cchd | CellChDes_20_B0d | |
| ch1mod | ChMod_speech_iei | |
| ma_at | MoblAllic_22 | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_22_B3e(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; par_chtype:BITSTRING; par_cchd: OCTETSTRING; par_ma1:BITSTRING; par_ma2:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | A derived HANOVER COMMAND containing TCH/F_FH in non synchronized new CELL B, specified for EGSM. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_21_Be | |
| ch1d_at | ChDescrp_22e(ts_ccch, par_chtype) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | CellChDes_20_Be(par_cchd) | |
| ch1mod | ChMod_speech_iei | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | Freqchseq_22 | |
| ma_at | MoblAllic_20_Be2iei(par_ma1, par_ma2) | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | ta | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_22_B4(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_22. | |
| Comments: | A derived HANOVER COMMAND containing TCH/F_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| ch1mod | ChMod_speech_iei | |
| frqchs_at | Freqchseq_03 | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_22_B4d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_22. | |
| Comments: | A derived HANOVER COMMAND containing TCH/F_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| frqsl_at | Frql_20_B10d | |
| ch1mod | ChMod_speech_iei | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_22_B5(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_22. | |
| Comments: | A derived HANOVER COMMAND containing TCH/F_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_05 | |
| ch1mod | ChMod_speech_iei | |
| frqchs_at | Freqchseq_05 | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_22_B5d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_22. | |
| Comments: | A derived HANOVER COMMAND containing TCH/F_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_22(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_05 | |
| frqsl_at | Frql_20_B12d | |
| ch1mod | ChMod_speech_iei | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_23_A1(ho_ref: HORF;ts_ccch: BITSTRING; par_arfcn: INTEGER; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_20. | |
| Comments: | A derived HANOVER COMMAND containing TCH/H_NonFH in non synchronized new CELL A. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_A | |
| ch1d_at | ChDescrp_23f(ts_ccch, par_arfcn) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| ma_at | MoblAllc_20_A2 | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_23_B1(ho_ref: HORF;ts_ccch: BITSTRING; par_arfcn: INTEGER; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_20. | |
| Comments: | A derived HANOVER COMMAND containing TCH/H_NonFH in non synchronized new CELL A. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_23(ts_ccch, par_arfcn) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_01 | |
| ch1mod | ChMod_sign_iei | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_24_A1(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANDOVER COMMAND containing TCH/H_FH in non synchronized new CELL A. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_A | |
| ch1d_at | ChDescrp_241(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| cchd | CellChDes_20_A | |
| ma_at | MobAllc_20_A1 | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_24_A1d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANDOVER COMMAND containing TCH/H_FH in non synchronized new CELL A for DCS1800. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_A | |
| ch1d_at | ChDescrp_241(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| cchd | CellChDes_202_Ad | |
| ma_at | MobAllc_20_A1 | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_24_B1(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANDOVER COMMAND containing TCH/H_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_241(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_01 | |
| frql_at | Frql_20_B3 | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_24_B1d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing TCH/H_FH in non synchronized new CELL B for DCS1800. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_241(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_01 | |
| frql_at | Frql_20_B3d | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_24_B2(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing TCH/H_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_241(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_01 | |
| cchd | CellChDes_21_B | |
| ch1mod | ChMod_speech_iei | |
| ma_at | MoblAllic_252 | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_24_B2d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing TCH/H_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_241(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_01 | |
| cchd | CellChDes_21_Bd | |
| ch1mod | ChMod_speech_iei | |
| ma_at | MoblAllic_252d | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_24_B3(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing TCH/H_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_241(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| ch1mod | ChMod_speech_iei | |
| frqchs_at | Freqchseq_01 | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_24_B3d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing TCH/H_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_241(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| frql_at | Frql_20_B4d | |
| ch1mod | ChMod_speech_iei | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_24_B4(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing TCH/H_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_241(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| ch1mod | ChMod_speech_iei | |
| frqchs_at | Freqchseq_04 | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_24_B4d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing TCH/H_FH in non synchronized new CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_241(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| frql_at | Frql_20_11d | |
| ch1mod | ChMod_speech_iei | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_25_B1(ho_ref: HORF;slot:SN; tsc:TSC; par_arfcn: INTEGER; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | A derived HANOVER COMMAND containing SDCCH/8_FH in non synchronized in CELL B. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_25(slot, tsc, par_arfcn) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | OMIT | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | ChMod_sign_iei | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | ta | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_28_B1(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing SDCCH/8_FH in non synchronized in CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_28(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| frql_at | Frql_20_B7 | |
| ch1mod | ChMod_sign_iei | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_28_B1d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing SDCCH/8_FH in non synchronized in CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_28(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| frql_at | Frql_20_B7d | |
| ch1mod | ChMod_sign_iei | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_28_B2(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing SDCCH/8_FH in non synchronized in CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_28(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| ch1mod | OMIT | |
| frqchs_at | Freqchseq_02 | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_28_B2d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing SDCCH/8_FH in non synchronized in CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_28(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| frqsl_at | Frql_20_B8d | |
| ch1mod | OMIT | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_28_B3(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing SDCCH/8_FH in non synchronized in CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_282(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_05 | |
| frql_at | Frql_20_B0 | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_28_B3d(ho_ref: HORF;ts_ccch: BITSTRING; pow:BITSTRING; ta:TA) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_220. | |
| Comments: | A derived HANOVER COMMAND containing SDCCH/8_FH in non synchronized in CELL B. | |
| Field Name | Field Value | Comments |
| cd | CellDescrp_21_B | |
| ch1d_at | ChDescrp_282(ts_ccch) | |
| horf | ho_ref | |
| pcmd | Pcmd_20(pow) | |
| synchi | Synchi_05 | |
| frql_at | Frql_20_B0d | |
| ch1mod | OMIT | |
| strt | OMIT | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_31(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | synchronised, no ciphering,the new channel is a full rate channel which is receiving only. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_01 | |
| ch1d_at | ChDescrp_10(slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19('01000'B) | |
| synchi | Synchi_05 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | used in TC_26_8_1_4_5_7 only. | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_32(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | non synchronised, no ciphering for GSM | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02 | |
| ch1d_at | ChDescrp_r42(slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19(TSPX_PwrlvIA) | |
| synchi | Synchi_06 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | CellChDes_17 | |
| ch1mod | ChMod_r03 | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | MoblAllc_r18 | |
| strt | ? | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r43(slot, tsc) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAllc_r20 | |
| cphms | CphMod_02iei | |
| Detailed Comments: | used in TC_26_6_13_5 only. | |

| PDU Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | HandOverCmd_33(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | non synchronised, no ciphering for DCS | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02d | |
| ch1d_at | ChDescrp_r42(slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19(TSPX_PwrlvIA) | |
| synchi | Synchi_06 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | CellChDes_18 | |
| ch1mod | ChMod_r03 | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | MoblAlc_r18 | |
| strt | ? | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r43(slot, tsc) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAlc_r20 | |
| cphms | CphMod_02iei | |
| Detailed Comments: | used in TC_26_6_13_5 only. | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_34(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | non synchronised, no ciphering for GSM | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02 | |
| ch1d_at | ChDescrp_r45(slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19(TSPX_PwrlvlB) | |
| synchi | Synchi_06 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | CellChDes_17 | |
| ch1mod | ChMod_r04 | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | MoblAllc_r22 | |
| strt | ? | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r46(slot, tsc) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAllc_r23 | |
| cphms | CphMod_02iei | |
| Detailed Comments: | used in TC_26_6_13_6 only. | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_35(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | non synchronised, no ciphering for DCS | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02d | |
| ch1d_at | ChDescrp_r45(slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19(TSPX_PwrlvIB) | |
| synchi | Synchi_06 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | CellChDes_18 | |
| ch1mod | ChMod_r04 | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | MoblAlc_r22 | |
| strt | ? | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r46(slot, tsc) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAlc_r23 | |
| cphms | CphMod_02iei | |
| Detailed Comments: | used in TC_26_6_13_6 only. | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_36(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | non synchronised, no ciphering for GSM | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02 | |
| ch1d_at | ChDescrp_r49(slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19(TSPX_PwrlvIC) | |
| synchi | Synchi_06 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | CellChDes_17 | |
| ch1mod | ChMod_r05 | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | MoblAllc_r26 | |
| strt | ? | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r50(slot, tsc) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAllc_r27 | |
| cphms | CphMod_02iei | |
| Detailed Comments: | used in TC_26_6_13_7 only. | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_37(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | non synchronised, no ciphering for DCS | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02d | |
| ch1d_at | ChDescrp_r49(slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19(TSPX_PwrlvIC) | |
| synchi | Synchi_06 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | CellChDes_18 | |
| ch1mod | ChMod_r05 | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | MoblAlc_r26 | |
| strt | ? | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r50(slot, tsc) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAlc_r27 | |
| cphms | CphMod_02iei | |
| Detailed Comments: | used in TC_26_6_13_7 only. | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_38(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | non synchronised, no ciphering for GSM | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02 | |
| ch1d_at | ChDescrp_r51(slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19(TSPX_PwrlvID) | |
| synchi | Synchi_06 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | CellChDes_17 | |
| ch1mod | ChMod_r06 | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | MoblAllc_r30 | |
| strt | ? | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r52(slot, tsc) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAllc_r31 | |
| cphms | CphMod_02iei | |
| Detailed Comments: | used in TC_26_6_13_8 only. | |

| PDU Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | HandOverCmd_39(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | non synchronised, no ciphering for DCS | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_r02d | |
| ch1d_at | ChDescrp_r51(slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19(TSPX_PwrlvID) | |
| synchi | Synchi_06 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | CellChDes_18 | |
| ch1mod | ChMod_r06 | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | MoblAlc_r30 | |
| strt | ? | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | ChDescrp_r52(slot, tsc) | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | MoblAlc_r31 | |
| cphms | CphMod_02iei | |
| Detailed Comments: | used in TC_26_6_13_7 only. | |

| PDU Constraint Declaration | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | HandOverCmd_40(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | synchronised, for GSM | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_03 | |
| ch1d_at | ChDescrp_14('00001'B, slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19('00111'B) | |
| synchi | Synchi_05 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | used in TC_26_6_3_4 only. | |

| PDU Constraint Declaration | | |
|----------------------------|----------------------------------|----------|
| Constraint Name: | HandOverCmd_41(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | synchronised, for DCS | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_03d | |
| ch1d_at | ChDescrp_14('00001'B, slot, tsc) | |
| horf | TSPX_horfA | |
| pcmd | Pcmd_19('00111'B) | |
| synchi | Synchi_05 | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | CphMod_02iei | |
| Detailed Comments: | used in TC_26_6_3_4 only. | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmd_inv_01(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | | |
| Comments: | An invalid HANOVER COMMAND containing incorrect skip indicator. | |
| Field Name | Field Value | Comments |
| ski | '0101'B | |
| rrpd | '0110'B | |
| mt | '00101011'B | |
| cd | CellDescrp_01 | |
| ch1d_at | ChDescrp_14Def('00001'B, slot, tsc) | |
| horf | '00000001'B | |
| pcmd | Pcmd_19('01000'B) | |
| synchi | OMIT | |
| frqsl_at | OMIT | |
| frql_at | OMIT | |
| cchd | OMIT | |
| ch1mod | OMIT | |
| ch2d_at | OMIT | |
| ch2mod | OMIT | |
| frqchs_at | OMIT | |
| ma_at | OMIT | |
| strt | OMIT | |
| rtdif | OMIT | |
| ta | OMIT | |
| frqsl_bt | OMIT | |
| frql_bt | OMIT | |
| ch1d_bt | OMIT | |
| ch2d_bt | OMIT | |
| frqchs_bt | OMIT | |
| ma_bt | OMIT | |
| cphms | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmd_inv_02(slot:SN; tsc:TSC) | |
| PDU Type: | HO_CMD_PDU | |
| Derivation Path: | HandOverCmd_inv_01. | |
| Comments: | HANOVER COMMAND which contains in the non-imperative part an IE encoded as comprehension required. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| ch1d_at | ChDescrp_14('00001'B, slot, tsc) | |
| synchi | Synchi_01 | |
| frqsl_at | Frql_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOverCmp_01 | |
| PDU Type: | HO_COM_PDU | |
| Derivation Path: | | |
| Comments: | To match any received HANOVER COMPLETE message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101100'B | |
| rrcau | ? | |
| motdif | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmp_02 | |
| PDU Type: | HO_COM_PDU | |
| Derivation Path: | HandOverCmp_01. | |
| Comments: | To match a received HANDOVER COMPLETE message containing real time difference. | |
| Field Name | Field Value | Comments |
| motdif | Mtdif_02 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmp_03 | |
| PDU Type: | HO_COM_PDU | |
| Derivation Path: | | |
| Comments: | To match a received HANDOVER COMPLETE message with mobile time difference = (2*TSPX_k + TPSX_y) mod 2 097 152) +- 2 | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101100'B | |
| rrcau | ? | |
| motdif | Mtdif_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmp_04 | |
| PDU Type: | HO_COM_PDU | |
| Derivation Path: | HandOverCmp_01. | |
| Comments: | To match a received HANDOVER COMPLETE message containing real time difference. | |
| Field Name | Field Value | Comments |
| motdif | Mtdif_03 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOverCmp_20 | |
| PDU Type: | HO_COM_PDU | |
| Derivation Path: | | |
| Comments: | A basic received constraint for HANDOVER COMPLETE message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101100'B | |
| rrcau | '00000000'B | |
| motdif | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | HandOvFail_01 | |
| PDU Type: | HOFL_PDU | |
| Derivation Path: | | |
| Comments: | A HANDOVER FAILURE message matching any RR cause. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101000'B | |
| rrcau | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | HandOvFail_02 | |
| PDU Type: | HOFL_PDU | |
| Derivation Path: | | |
| Comments: | A HANDOVER FAILURE message matching any abnormal release RR cause. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101000'B | |
| rrcau | ('00000001'B, '00000010'B, '00000011'B, '00000100'B, '01101111'B) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------------|----------|
| Constraint Name: | Holdpdu_01(Ti:Ti) | |
| PDU Type: | HOLD_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?011000'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|----------------------|----------|
| Constraint Name: | HoldAckpdu_01(Ti:Ti) | |
| PDU Type: | HOLD_ACK_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00011001'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | IDResponse_01 | |
| PDU Type: | ID_RES_PDU | |
| Derivation Path: | | |
| Comments: | An IDENTITY RESPONSE message which matches any mobile identity | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?011001'B | |
| mi | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | IDResponse_02 | |
| PDU Type: | ID_RES_PDU | |
| Derivation Path: | IDResponse_01. | |
| Comments: | An IDENTITY RESPONSE message which matches TMSI of the MS under test | |
| Field Name | Field Value | Comments |
| mi | MiTmsi_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | IDResponse_30(par:MI) | |
| PDU Type: | ID_RES_PDU | |
| Derivation Path: | | |
| Comments: | An IDENTITY RESPONSE message which matches the given MI of the MS under test. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?011001'B | |
| mi | par | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | IDRequest_01(type:B_4) | |
| PDU Type: | ID_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An IDENTITY REQUEST message with specified identity type. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00011000'B | |
| shoct | '0000'B | |
| idtype | type | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | IDRequest_inv_01(skip :INTEGER) | |
| PDU Type: | ID_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An invalid IDENTITY REQUEST message with incorrect skip indicator. | |
| Field Name | Field Value | Comments |
| ski | INT_TO_BIT(skip, 4) | |
| mmpd | '0101'B | |
| mt | '00011000'B | |
| shoct | '0000'B | |
| idtype | '0001'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | IDRequest_inv_02 | |
| PDU Type: | ID_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An invalid IDENTITY REQUEST message of which the identity type is coded as reserved value | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00011000'B | |
| shoct | '0000'B | |
| idtype | '1111'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | IDRequest_inv_03 | |
| PDU Type: | ID_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An invalid IDENTITY REQUEST message containing arbitrary spare bits | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00011000'B | |
| shoct | '1010'B | |
| idtype | '1100'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_01(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA; par_arfcn: INTEGER) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/4 channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_01(slot, tsc, par_arfcn) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllic_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_01Def(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; par_arfcn:INTEGER; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/4 channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_01Def(slot, tsc, par_arfcn) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllic_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_02(Rr: BITSTRING; Fn: FN; ta:TA; chd:CHD; ma:MA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign a frequency hopping channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '4D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | chd | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | ma | |
| strt | OMIT | |
| iaroct | laRestOct_06 | |
| Detailed Comments: | Used only in TC_26_6_6_1 | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_03(Rr: BITSTRING; Fn: FN; sub:BITSTRING; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 channel containing page mode = extended paging. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_03 | |
| chd | ChDescrp_r01NotC_def(sub, slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAlc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_03d(Rr: BITSTRING; Fn: FN; sub:BITSTRING; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 channel containing page mode = extended paging. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_03 | |
| chd | ChDescrp_r01dNotC_def(sub, slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_06(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | To assign SDCCH/4 of cell B to the mobile station. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_04(slot,tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_10(Rr: BITSTRING; Fn: FN; type: BITSTRING; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign TCH/H channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_14Def(type, slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MobIAlc_01 | |
| strt | OMIT | |
| iaroct | IaRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_TCH(Rr: BITSTRING; Fn: FN; type: BITSTRING; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign TCH/H channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_14TCH(type, slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MobIAlc_01 | |
| strt | OMIT | |
| iaroct | IaRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_21(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; par_arfcn: INTEGER; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign TCH/F NonFH channel in any cell. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_21(ts_ccch, par_arfcn) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllic_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_221(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign TCH/F FH channel in cell A. | |
| Field Name | Field Value | Comments |
| l2_pl | '39'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_222(ts_ccch) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllic_20_A2 | |
| strt | OMIT | |
| iaroct | laRestOct_03 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_242(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | ImmAsgn_221. | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign TCH/H FH channel in cell B. | |
| Field Name | Field Value | Comments |
| l2_pl | '35'O | |
| chd | ChDescrp_242(ts_ccch) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllic_20_B1 | |
| iaroct | laRestOct_09 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_243(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | ImmAsgn_221. | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign TCH/H FH channel in cell a. | |
| Field Name | Field Value | Comments |
| l2_pl | '39'O | |
| chd | ChDescrp_242(ts_ccch) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_20_A0 | |
| iaroct | laRestOct_08 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_27(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; par_arfcn: INTEGER; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 NonFH channel in any cell. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_27(ts_ccch, par_arfcn) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_E_01(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; tsc:TSC; par_arfcn: INTEGER; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 NonFH channel in any cell. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_E_01(ts_ccch, tsc, par_arfcn) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_E_02(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 FH channel in EGSM cases. | |
| Field Name | Field Value | Comments |
| l2_pl | '39'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_E_02(ts_ccch, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllic_281e | |
| strt | OMIT | |
| iaroct | laRestOct_02 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_281(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 FH channel in any cell. | |
| Field Name | Field Value | Comments |
| l2_pl | '39'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_28(ts_ccch) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllic_281 | |
| strt | OMIT | |
| iaroct | laRestOct_08 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_281d(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 FH channel in any cell. | |
| Field Name | Field Value | Comments |
| l2_pl | '39'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_28(ts_ccch) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAlc_281d | |
| strt | OMIT | |
| iaroct | laRestOct_02 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_281e2(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 FH channel in EGSM cases, specified for 26_10_5_1. | |
| Field Name | Field Value | Comments |
| l2_pl | '39'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_28(ts_ccch) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAlc_281e2 | |
| strt | OMIT | |
| iaroct | laRestOct_09 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_282(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 FH channel in any cell. | |
| Field Name | Field Value | Comments |
| l2_pl | '39'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_282(ts_ccch) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllic_282 | |
| strt | OMIT | |
| iaroct | laRestOct_09 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_282d(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 FH channel in any cell. | |
| Field Name | Field Value | Comments |
| l2_pl | '39'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_282(ts_ccch) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllic_282 | |
| strt | OMIT | |
| iaroct | laRestOct_08 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_283(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 FH channel in any cell. | |
| Field Name | Field Value | Comments |
| l2_pl | '39'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_282(ts_ccch) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MobIAIlc_20_A3 | |
| strt | OMIT | |
| iaroct | IaRestOct_08 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_283d(Rr: BITSTRING; Fn: FN;ts_ccch: BITSTRING; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 FH channel in any cell. | |
| Field Name | Field Value | Comments |
| l2_pl | '39'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_282(ts_ccch) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MobIAIlc_20_A3d | |
| strt | OMIT | |
| iaroct | IaRestOct_08 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_inv_01(Rr :BITSTRING; Fn:FN; slot:SN; tsc:TSC; arfcn:INTEGER; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An invalid IMMEDIATE ASSIGNMENT message with unknown skip indicator ('0001'B) | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0001'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_01Def(slot, tsc, arfcn) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAlc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_inv_04(Rr :BITSTRING; Fn:FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An invalid IMMEDIATE ASSIGNMENT message containing arbitrary spare bits | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '1010'B | |
| pm | Pm_02 | |
| chd | ChDescrp_03(slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAlc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_05 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_r(chd:CHD; Rr:BITSTRING; Fn:FN; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | chd | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MobIAlc_01 | |
| strt | OMIT | |
| iaroct | IaRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_r02(Rr: BITSTRING; Fn: FN; sub:BITSTRING; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_r01NotC_def(sub, slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MobIAlc_01 | |
| strt | OMIT | |
| iaroct | IaRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_r02d(Rr: BITSTRING; Fn: FN; sub:BITSTRING; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_r01dNotC_def(sub, slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_r10(Rr: BITSTRING; Fn: FN; sub:BITSTRING; slot:SN; tsc:TSC; ta:TA; arfcn:INTEGER) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/4 channel for RR tests. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_r04(sub, slot, tsc, arfcn) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_r11(Rr: BITSTRING; Fn: FN; sub:BITSTRING; slot:SN; tsc:TSC; ta:TA; arfcn:INTEGER) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/4 channel for RR tests. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_03 | |
| chd | ChDescrp_r04(sub, slot, tsc, arfcn) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAlc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_r13(Rr: BITSTRING; Fn: FN; chd:CHD; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign TCH/F channel with a time advance of 30 bit periods. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | chd | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAlc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_r14(Rr: BITSTRING; Fn: FN; chd:CHD; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign TCH/H channel with a time advance of 30 bit periods. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | chd | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaroct | laRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_r27(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 channel with a time advance of 30 bit periods (default value) for TC_26_6_13_1. | |
| Field Name | Field Value | Comments |
| l2_pl | '31'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_r28(slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_r05 | |
| strt | OMIT | |
| iaroct | laRestOct_02 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_r28(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | ImmAsgn_r27. | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 channel with a time advance of 30 bit periods (default value) for TC_26_6_13_2. | |
| Field Name | Field Value | Comments |
| chd | ChDescrp_r31(slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_r08 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_r29(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | ImmAsgn_r27. | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign the channel defined by PIXIT and with a time advance of 30 bit periods (default value) for TC_26_6_13_3. | |
| Field Name | Field Value | Comments |
| chd | ChDescrp_r33(slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAlc_r10 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_r30(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | ImmAsgn_r27. | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign the channel defined by PIXIT and with a time advance of 30 bit periods (default value) for TC_26_6_13_4. | |
| Field Name | Field Value | Comments |
| chd | ChDescrp_r37(slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAlc_r14 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_r31(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | ImmAsgn_r27. | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 channel with a time advance of 30 bit periods (default value) for TC_26_6_13_5. | |
| Field Name | Field Value | Comments |
| chd | ChDescrp_r41(slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAlc_r18 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_r32(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | ImmAsgn_r27. | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 channel with a time advance of 30 bit periods (default value) for TC_26_6_13_6. | |
| Field Name | Field Value | Comments |
| chd | ChDescrp_r44(slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAlc_r21 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_r33(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | ImmAsgn_r27. | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign the channel defined by PIXIT and with a time advance of 30 bit periods (default value) for TC_26_6_13_7. | |
| Field Name | Field Value | Comments |
| chd | ChDescrp_r47(slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_r24 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_r34(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | ImmAsgn_r27. | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign the channel defined by PIXIT and with a time advance of 30 bit periods (default value) for TC_26_6_13_8. | |
| Field Name | Field Value | Comments |
| chd | ChDescrp_r53(slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_r28 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_r35(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | ImmAsgn_r27. | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign the channel defined by PIXIT and with a time advance of 30 bit periods (default value) for TC_26_6_13_9. | |
| Field Name | Field Value | Comments |
| l2_pl | '3D'O | |
| chd | ChDescrp_r55(slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_r32 | |
| strt | ? | |
| iaroct | laRestOct_03 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgn_r36(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | ImmAsgn_r27. | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign the channel defined by PIXIT and with a time advance of 30 bit periods (default value) for TC_26_6_13_10. | |
| Field Name | Field Value | Comments |
| l2_pl | '3D'O | |
| chd | ChDescrp_r56(slot, tsc) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MoblAllc_r33 | |
| strt | ? | |
| iaroct | laRestOct_04 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgn_sdcch8(Rr: BITSTRING; Fn: FN; slot:SN; tsc:TSC; subch:BITSTRING; arfcn:INTEGER; ta:TA) | |
| PDU Type: | IMMASS_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH8 channel with a time advance of 30 bit periods. time slot = TSPX_TmSlTDef , ARFCN =20. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111111'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd | ChDescrp_sdcch8(slot, tsc, subch, arfcn) | |
| rqr | Rqr2(Rr, Fn) | |
| ta | ta | |
| ma | MobIAlIc_01 | |
| strt | OMIT | |
| iaroct | IaRestOct_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgnX_01(Rr: BITSTRING; Fn: FN; sub1, sub2:BITSTRING; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT EXTENDED message to assign SDCCH/8 channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_03 | |
| chd1 | ChDescrp_r01NotC_def(sub1, slot, tsc) | |
| rqr1 | Rqr2(Rr, Fn) | |
| ta1 | ta | |
| chd2 | ChDescrp_r01NotC_def(sub2, slot, tsc) | |
| rqr2 | Rqr2(Rr, Fn) | |
| ta2 | ta | |
| ma | MobIAlIc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnX_01d(Rr: BITSTRING; Fn: FN; sub1, sub2:BITSTRING; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT EXTENDED message to assign SDCCH/8 channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_03 | |
| chd1 | ChDescrp_r01dNotC_def(sub1, slot, tsc) | |
| rqr1 | Rqr2(Rr, Fn) | |
| ta1 | ta | |
| chd2 | ChDescrp_r01dNotC_def(sub2, slot, tsc) | |
| rqr2 | Rqr2(Rr, Fn) | |
| ta2 | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnX_02(slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT EXTENDED message containing paging mode = paging reorganisation and Request References that do not pertain to MS under test. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_04 | |
| chd1 | ChDescrp_r01C_def(TSPX_SDCCH8Sub A, slot, tsc) | |
| rqr1 | Rqr3 | |
| ta1 | ta | |
| chd2 | ChDescrp_r01C_def(TSPX_SDCCH8Sub B, slot, tsc) | |
| rqr2 | Rqr3 | |
| ta2 | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnX_02d(slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT EXTENDED message containing paging mode = paging reorganisation and Request References that do not pertain to MS under test. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_04 | |
| chd1 | ChDescrp_r01dC_def(TSPX_SDCCH8SubA, slot, tsc) | |
| rqr1 | Rqr3 | |
| ta1 | ta | |
| chd2 | ChDescrp_r01dC_def(TSPX_SDCCH8SubB, slot, tsc) | |
| rqr2 | Rqr3 | |
| ta2 | ta | |
| ma | MobAllc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnX_03(slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT EXTENDED message containing paging mode = paging reorganisation and Request References that do not pertain to MS under test. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_04 | |
| chd1 | ChDescrp_r01NotC_def(TSPX_SDCCH8SubA, slot, tsc) | |
| rqr1 | Rqr3 | |
| ta1 | ta | |
| chd2 | ChDescrp_r01NotC_def(TSPX_SDCCH8SubB, slot, tsc) | |
| rqr2 | Rqr3 | |
| ta2 | ta | |
| ma | MobAllc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnX_03d(slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT EXTENDED message containing paging mode = paging reorganisation and Request References that do not pertain to MS under test. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_04 | |
| chd1 | ChDescrp_r01dNotC_def(TSPX_SDCCH8SubA, slot, tsc) | |
| rqr1 | Rqr3 | |
| ta1 | ta | |
| chd2 | ChDescrp_r01dNotC_def(TSPX_SDCCH8SubB, slot, tsc) | |
| rqr2 | Rqr3 | |
| ta2 | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnX_04(slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT EXTENDED message containing paging mode = paging reorganisation and Request References that do not pertain to MS under test. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_04 | |
| chd1 | ChDescrp_r01NotC_def(TSPX_SDCCH8SubA, slot, tsc) | |
| rqr1 | Rqr3 | |
| ta1 | ta | |
| chd2 | ChDescrp_r01NotC_def(TSPX_SDCCH8SubB, slot, tsc) | |
| rqr2 | Rqr3 | |
| ta2 | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnX_04d(slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT EXTENDED message containing paging mode = paging reorganisation and Request References that do not pertain to MS under test. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_04 | |
| chd1 | ChDescrp_r01dNotC_def(TSPX_SDCCH 8SubA, slot, tsc) | |
| rqr1 | Rqr3 | |
| ta1 | ta | |
| chd2 | ChDescrp_r01dNotC_def(TSPX_SDCCH 8SubB, slot, tsc) | |
| rqr2 | Rqr3 | |
| ta2 | ta | |
| ma | MobAllc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnX_r01(Rr: BITSTRING; Fn: FN; Rr_9: BITSTRING; Fn_9: FN; slot:SN; tsc:TSC; ta:TA; arfcn:INTEGER) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/4 channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd1 | ChDescrp_r04(TSPX_SDCCH4SubA, slot, tsc, arfcn) | |
| rqr1 | Rqr2(Rr, Fn) | |
| ta1 | ta | |
| chd2 | ChDescrp_r04(TSPX_SDCCH4SubB, slot, tsc, arfcn) | |
| rqr2 | Rqr2(Rr_9, Fn_9) | |
| ta2 | ta | |
| ma | MobAllc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgnX_r01d(Rr: BITSTRING; Fn: FN; Rr_9: BITSTRING; Fn_9: FN; slot:SN; tsc:TSC; ta:TA; arfcn:INTEGER) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/4 channel for RR test of DCS. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd1 | ChDescrp_r04d(TSPX_SDCCH4SubA, slot, tsc, arfcn) | |
| rqr1 | Rqr2(Rr, Fn) | |
| ta1 | ta | |
| chd2 | ChDescrp_r04d(TSPX_SDCCH4SubB, slot, tsc, arfcn) | |
| rqr2 | Rqr2(Rr_9, Fn_9) | |
| ta2 | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgnX_r02(Rr: BITSTRING; Fn: FN; Rr_9: BITSTRING; Fn_9: FN; slot:SN; tsc:TSC; ta:TA) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/8 channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| chd1 | ChDescrp_r01NotC_def(TSPX_SDCCH8 SubB, slot, tsc) | |
| rqr1 | Rqr2(Rr, Fn) | |
| ta1 | ta | |
| chd2 | ChDescrp_r01NotC_def(TSPX_SDCCH8 SubC, slot, tsc) | |
| rqr2 | Rqr2(Rr_9, Fn_9) | |
| ta2 | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgnX_r03(Rr: BITSTRING; Fn: FN; sub1, sub2:BITSTRING; slot:SN; tsc:TSC; ta:TA; arfcn:INTEGER) | |
| PDU Type: | IMMASSX_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT message to assign SDCCH/4 channel. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111001'B | |
| shoct | '0000'B | |
| pm | Pm_03 | |
| chd1 | ChDescrp_r04(sub1, slot, tsc, arfcn) | |
| rqr1 | Rqr2(Rr, Fn) | |
| ta1 | ta | |
| chd2 | ChDescrp_r04(sub2, slot, tsc, arfcn) | |
| rqr2 | Rqr2(Rr, Fn) | |
| ta2 | ta | |
| ma | MoblAllc_01 | |
| strt | OMIT | |
| iaxroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgnRej_01(Rr: BITSTRING; Fn: FN) | |
| PDU Type: | IMMASS_REJ_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT REJECT message containing normal paging mode. | |
| Field Name | Field Value | Comments |
| l2_pl | '4D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111010'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| rqr1 | Rqr2(Rr, Fn) | |
| wi1 | '00'H | |
| rqr2 | Rqr2(Rr, Fn) | |
| wi2 | '00'H | |
| rqr3 | Rqr2(Rr, Fn) | |
| wi3 | '00'H | |
| rqr4 | Rqr2(Rr, Fn) | |
| wi4 | '00'H | |
| iarroct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgnRej_02(Rr:BITSTRING; Fn: FN) | |
| PDU Type: | IMMASS_REJ_PDU | |
| Derivation Path: | ImmAsgnRej_01. | |
| Comments: | An IMMEDIATE ASSIGNMENT REJECT message in which only the third request reference addresses the MS under test. | |
| Field Name | Field Value | Comments |
| rqr1 | Rqr1(Rr, Fn) | |
| wi1 | '02'H | |
| rqr2 | Rqr1(Rr, Fn) | |
| wi2 | '02'H | |
| rqr3 | Rqr2(Rr, Fn) | |
| wi3 | '00'H | |
| rqr4 | Rqr1(Rr, Fn) | |
| wi4 | '02'H | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgnRej_03(Rr: BITSTRING; Fn: FN) | |
| PDU Type: | IMMASS_REJ_PDU | |
| Derivation Path: | ImmAsgnRej_01. | |
| Comments: | An IMMEDIATE ASSIGNMENT REJECT message containing normal paging mode and wait indication = 5 seconds. | |
| Field Name | Field Value | Comments |
| rqr1 | Rqr2(Rr, Fn) | |
| wi1 | '05'H | |
| rqr2 | Rqr2(Rr, Fn) | |
| wi2 | '05'H | |
| rqr3 | Rqr2(Rr, Fn) | |
| wi3 | '05'H | |
| rqr4 | Rqr2(Rr, Fn) | |
| wi4 | '05'H | |
| iarrct | '2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgnRej_04(Rr: BITSTRING; Fn: FN) | |
| PDU Type: | IMMASS_REJ_PDU | |
| Derivation Path: | ImmAsgnRej_01. | |
| Comments: | An IMMEDIATE ASSIGNMENT REJECT message containing normal paging mode and wait indication = 6 seconds. | |
| Field Name | Field Value | Comments |
| rqr1 | Rqr2(Rr, Fn) | |
| wi1 | '06'H | |
| rqr2 | Rqr2(Rr, Fn) | |
| wi2 | '06'H | |
| rqr3 | Rqr2(Rr, Fn) | |
| wi3 | '06'H | |
| rqr4 | Rqr2(Rr, Fn) | |
| wi4 | '06'H | |
| iarrct | '2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnRej_inv_01(Rr: BITSTRING; Fn: FN) | |
| PDU Type: | IMMASS_REJ_PDU | |
| Derivation Path: | ImmAsgnRej_01. | |
| Comments: | An invalid IMMEDIATE ASSIGNMENT REJECT message with skip indicator = 2, reject time = 255 s. | |
| Field Name | Field Value | Comments |
| ski | '0010'B | |
| rqr1 | Rqr2(Rr, Fn) | |
| wi1 | 'FF'H | |
| rqr2 | Rqr2(Rr, Fn) | |
| wi2 | 'FF'H | |
| rqr3 | Rqr2(Rr, Fn) | |
| wi3 | 'FF'H | |
| rqr4 | Rqr2(Rr, Fn) | |
| wi4 | 'FF'H | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnRej_inv_02(Rr: BITSTRING; Fn: FN) | |
| PDU Type: | IMMASS_REJ_PDU | |
| Derivation Path: | ImmAsgnRej_01. | |
| Comments: | An invalid IMMEDIATE ASSIGNMENT REJECT message containing arbitrary spare bits | |
| Field Name | Field Value | Comments |
| shoct | '1010'B | |
| pm | Pm_01 | |
| rqr1 | Rqr2(Rr, Fn) | |
| rqr2 | Rqr2(Rr, Fn) | |
| wi2 | TSPX_T3122 | |
| rqr3 | Rqr2(Rr, Fn) | |
| wi3 | TSPX_T3122 | |
| rqr4 | Rqr2(Rr, Fn) | |
| wi4 | TSPX_T3122 | |
| iarroct | '010101'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnRej_r01(rqr1, rqr2, rqr3, rqr4: RQR; t1, t2: INTEGER) | |
| PDU Type: | IMMASS_REJ_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT REJECT message in which only the second and the third request reference addresses the MS under test. | |
| Field Name | Field Value | Comments |
| l2_pl | '4D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111010'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| rqr1 | rqr1 | |
| wi1 | '00'H | |
| rqr2 | rqr2 | |
| wi2 | INT_TO_HEX(t1, 2) | |
| rqr3 | rqr3 | |
| wi3 | INT_TO_HEX(t2, 2) | |
| rqr4 | rqr4 | |
| wi4 | '00'H | |
| iarroct | '2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImmAsgnRej_r02(Rr: BITSTRING; Fn: FN) | |
| PDU Type: | IMMASS_REJ_PDU | |
| Derivation Path: | ImmAsgnRej_01. | |
| Comments: | An IMMEDIATE ASSIGNMENT REJECT message containing normal paging mode. | |
| Field Name | Field Value | Comments |
| l2_pl | '4D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111010'B | |
| shoct | '0000'B | |
| pm | Pm_01 | |
| rqr1 | Rqr2(Rr, Fn) | |
| wi1 | '00'H | |
| rqr2 | Rqr1(Rr, Fn) | |
| wi2 | '00'H | |
| rqr3 | Rqr1(Rr, Fn) | |
| wi3 | '00'H | |
| rqr4 | Rqr1(Rr, Fn) | |
| wi4 | '00'H | |
| iarroct | '2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ImmAsgnRej_r04 | |
| PDU Type: | IMMASS_REJ_PDU | |
| Derivation Path: | | |
| Comments: | An IMMEDIATE ASSIGNMENT REJECT message containing paging mode = "extended paging" and wait indication = 0 seconds. The Request References do not pertain to MS under test. | |
| Field Name | Field Value | Comments |
| l2_pl | '4D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00111010'B | |
| shoct | '0000'B | |
| pm | Pm_03 | |
| rqr1 | Rqr3 | |
| wi1 | '00'H | |
| rqr2 | Rqr3 | |
| wi2 | '00'H | |
| rqr3 | Rqr3 | |
| wi3 | '00'H | |
| rqr4 | Rqr3 | |
| wi4 | '00'H | |
| iarroct | '2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImsiDetach_01 | |
| PDU Type: | IMSID_IN_PDU | |
| Derivation Path: | | |
| Comments: | IMSI DETACH INDICATION message matching any MS classmark1 value and any mobile identity value | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?000001'B | |
| msclm | ? | |
| mi | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ImsiDetach_30(par:MI) | |
| PDU Type: | IMSID_IN_PDU | |
| Derivation Path: | | |
| Comments: | IMSI DETACH INDICATION message matching any MS classmark1 value and given IMSI. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?000001'B | |
| msclm | ? | |
| mi | par | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocUpdtAcp(mnc, lac:OCTETSTRING) | |
| PDU Type: | LUP_ACP_PDU | |
| Derivation Path: | | |
| Comments: | A LOCATION UPDATING ACCEPT message without mobile identity and LAI of PLMN2. LAC set in TCV_lac. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00000010'B | |
| lai | LocAreald(mnc, lac) | |
| mi | OMIT | |
| fop | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUpdtAcp_01(newmi: MI; lac:OCTETSTRING) | |
| PDU Type: | LUP_ACP_PDU | |
| Derivation Path: | | |
| Comments: | To assign a new TMSI. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00000010'B | |
| lai | LocAreald_31(lac) | |
| mi | newmi | |
| fop | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUpdtAcp_02 | |
| PDU Type: | LUP_ACP_PDU | |
| Derivation Path: | | |
| Comments: | A LOCATION UPDATING ACCEPT message without mobile identity. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00000010'B | |
| lai | LocAreald_01 | |
| mi | OMIT | |
| fop | OMIT | |
| Detailed Comments: | mcc = 001, mnc = 01, lac = 001 | |

| PDU Constraint Declaration | | |
|----------------------------|---------------|----------|
| Constraint Name: | LocUpdtAcp_03 | |
| PDU Type: | LUP_ACP_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00000010'B | |
| lai | LocAreald_02 | |
| mi | MiTmsi_01iei | |
| fop | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUpdtAcp_30(newmi: MI; lac:OCTETSTRING) | |
| PDU Type: | LUP_ACP_PDU | |
| Derivation Path: | | |
| Comments: | To assign a new TMSI. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00000010'B | |
| lai | LocAreald_30(lac) | |
| mi | newmi | |
| fop | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUpdtAcp_31(lac:OCTETSTRING) | |
| PDU Type: | LUP_ACP_PDU | |
| Derivation Path: | | |
| Comments: | A LOCATION UPDATING ACCEPT message without mobile identity and LAI of PLMN2. LAC set in TCV_lac. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00000010'B | |
| lai | LocAreald_31(lac) | |
| mi | OMIT | |
| fop | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUpdtAcP_32(lac:OCTETSTRING) | |
| PDU Type: | LUP_ACP_PDU | |
| Derivation Path: | | |
| Comments: | To send a Location Update Accept without Mobile Identity. LAC set in TCV_lac. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00000010'B | |
| lai | LocAreald_30(lac) | |
| mi | OMIT | |
| fop | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | LocUpdtAcP_33(lac:OCTETSTRING) | |
| PDU Type: | LUP_ACP_PDU | |
| Derivation Path: | LocUpdtAcP_31. | |
| Comments: | To assign a new TMSI. | |
| Field Name | Field Value | Comments |
| lai | LocAreald_30(lac) | |
| mi | OMIT | |
| fop | '10100001'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUpdtAcP_inv_01 | |
| PDU Type: | LUP_ACP_PDU_ERR | |
| Derivation Path: | | |
| Comments: | Invalid LOCATION UPDATING ACCEPT message containing duplicated mobile identifier. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00000010'B | |
| lai | LocAreald_02 | |
| mi | MiImsi_01iei | |
| dupmi | MiTmsi_01iei | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocUpdtAcP_inv_03 | |
| PDU Type: | LUP_ACP_PDU | |
| Derivation Path: | | |
| Comments: | An invalid LOCATION UPDATING ACCEPT message containing comprehension required IE | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00000010'B | |
| lai | LocAreald_02 | |
| mi | Mi_01 | |
| fop | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUpdtAcp_inv_04 | |
| PDU Type: | LUP_ACP_PDU_ERR | |
| Derivation Path: | LocUpdtAcp_inv_01. | |
| Comments: | An invalid LOCATION UPDATING ACCEPT message unknown IEI | |
| Field Name | Field Value | Comments |
| lai | LocAreald_01 | |
| mi | Mi_02 | |
| dupmi | MiTmsi_02iei | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUpdtAcp_inv_05 | |
| PDU Type: | LUP_ACP_PDU_ERR | |
| Derivation Path: | LocUpdtAcp_inv_01.LocUpdtAcp_inv_04. | |
| Comments: | An invalid LOCATION UPDATING ACCEPT message containing unknown IEI. | |
| Field Name | Field Value | Comments |
| lai | LocAreald_01 | |
| mi | Mi_06 | |
| dupmi | MiTmsi_02iei | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocUpdtReq_01(locup:B_2) | |
| PDU Type: | LUP_RQ_PDU | |
| Derivation Path: | | |
| Comments: | A LOCATION UPDATING REQUEST message containing location updating type. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?001000'B | |
| cphksn | ? | |
| lutype | LocUpType(locup) | |
| lai | ? | |
| msclm | ? | |
| mi | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | LocUpdtReq_04(locup:B_2; par:MI) | |
| PDU Type: | LUP_RQ_PDU | |
| Derivation Path: | | |
| Comments: | LOCATION UPDATING REQUEST message containing TMSI. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?001000'B | |
| cphksn | ? | |
| lutype | LocUpType(locup) | |
| lai | ? | |
| msclm | ? | |
| mi | par | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUpdtReq_05 | |
| PDU Type: | LUP_RQ_PDU | |
| Derivation Path: | | |
| Comments: | to match any LOCATION UPDATING REQUEST message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?001000'B | |
| cphksn | ? | |
| lutype | ? | |
| lai | ? | |
| msclm | ? | |
| mi | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUpdtReq_30(par:MI; lac:OCTETSTRING; locup:B_2; cksn: BITSTRING) | |
| PDU Type: | LUP_RQ_PDU | |
| Derivation Path: | | |
| Comments: | A LOCATION UPDATING REQUEST message containing location updating type = normal. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?001000'B | |
| cphksn | CphKeySN_07(cksn) | |
| lutype | LocUpType(locup) | |
| lai | LocAreald_30(lac) | |
| msclm | TSPX_ClassMark1 | |
| mi | par | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | LocUpdtReq_31(par:MI; mnc, lac:OCTETSTRING; locup:B_2; cksn: BITSTRING) | |
| PDU Type: | LUP_RQ_PDU | |
| Derivation Path: | | |
| Comments: | A parameterised LOCATION UPDATING REQUEST message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?001000'B | |
| cphksn | CphKeySN_07(cksn) | |
| lutype | LocUpType(locup) | |
| lai | LocAreald(mnc, lac) | |
| msclm | TSPX_ClassMark1 | |
| mi | par | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | LocUpdtRej_01(par:REJCAU) | |
| PDU Type: | LUP_REJ_PDU | |
| Derivation Path: | | |
| Comments: | A LOCATION UPDATING REJECT message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00000100'B | |
| rejcau | par | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | MMstatus_01 | |
| PDU Type: | MMST_PDU | |
| Derivation Path: | | |
| Comments: | A MM STATUS message containing reject cause value #97-- message type non-existent or not implemented | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?110001'B | |
| rejcau | '61'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MMstatus_02 | |
| PDU Type: | MMST_PDU | |
| Derivation Path: | MMstatus_01. | |
| Comments: | cause value = #96-- invalid mandatory information | |
| Field Name | Field Value | Comments |
| rejcau | '60'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | MMstatus_03 | |
| PDU Type: | MMST_PDU | |
| Derivation Path: | MMstatus_01. | |
| Comments: | cause value = #98 -- message type not compatible with the protocol state | |
| Field Name | Field Value | Comments |
| rejcau | '62'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | ModifyComp_02(Ti:TI; bc:BCAP) | |
| PDU Type: | MODIFY_COM_PDU | |
| Derivation Path: | | |
| Comments: | n -> ms | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00011111'B | |
| bcap | bc | |
| llcmp | OMIT | |
| hlcmp | OMIT | |
| rscd | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | ModifyComp_03(Ti:TI; bc:BCAP) | |
| PDU Type: | MODIFY_COM_PDU | |
| Derivation Path: | | |
| Comments: | n -> ms | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00011111'B | |
| bcap | bc | |
| llcmp | OMIT | |
| hlcmp | OMIT | |
| rscd | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | ModifyInd_01(Ti:TI; bc:BCAP) | |
| PDU Type: | MODIFY_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?010111'B | |
| bcap | bc | |
| llcmp | * | |
| hlcmp | * | |
| rscd | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------|----------|
| Constraint Name: | ModifyReq_01(Ti:TI) | |
| PDU Type: | MODIFY_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00010111'B | |
| bcap | TSPX_BC2 | |
| llcmp | OMIT | |
| hlcmp | OMIT | |
| rscd | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------------------|----------|
| Constraint Name: | ModifyRj_01(Ti:TI; bc:BCAP) | |
| PDU Type: | MODIFY_REJ_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?010011'B | |
| bcap | bc | |
| cau | ? | |
| llcmp | * | |
| hlcmp | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ModifyRjRq_01(Ti:TI; bc:BCAP) | |
| PDU Type: | MODIFY_REJ_PDU | |
| Derivation Path: | | |
| Comments: | cause = bearer capability not presently available | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00010011'B | |
| bcap | bc | |
| cau | Cause_16 | |
| llcmp | OMIT | |
| hlcmp | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | MsrReport_01 | |
| PDU Type: | MSR_RPT_PDU | |
| Derivation Path: | | |
| Comments: | A measurement report without measurement results | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010101'B | |
| msrr | MsrResult_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | MsrReport_02 | |
| PDU Type: | MSR_RPT_PDU | |
| Derivation Path: | | |
| Comments: | A measurement report match any received MSR_RPT_PDU. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010101'B | |
| msrr | MsrResult_02 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MsrReport_03 | |
| PDU Type: | MSR_RPT_PDU | |
| Derivation Path: | | |
| Comments: | A measurement report containing results for 6 strongest carriers. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010101'B | |
| msrr | MsrResult_03 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MsrReport_03e(par_measres: MSRR) | |
| PDU Type: | MSR_RPT_PDU | |
| Derivation Path: | | |
| Comments: | A measurement report containing results for 6 strongest carriers. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010101'B | |
| msrr | par_measres | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MsrReport_04 | |
| PDU Type: | MSR_RPT_PDU | |
| Derivation Path: | | |
| Comments: | A measurement report containing 4 strongest carriers. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010101'B | |
| msrr | MsrResult_04 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MsrReport_04e | |
| PDU Type: | MSR_RPT_PDU | |
| Derivation Path: | | |
| Comments: | A measurement report containing 4 strongest carriers. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010101'B | |
| msrr | MsrResult_04e | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | MsrReport_05 | |
| PDU Type: | MSR_RPT_PDU | |
| Derivation Path: | | |
| Comments: | A measurement report containing 6 strongest carriers and DTX was used. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010101'B | |
| msrr | MsrResult_05 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | MsrReport_06 | |
| PDU Type: | MSR_RPT_PDU | |
| Derivation Path: | | |
| Comments: | A measurement report containing 6 strongest carriers and DTX is not checked. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010101'B | |
| msrr | MsrResult_06 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | MsrReport_07 | |
| PDU Type: | MSR_RPT_PDU | |
| Derivation Path: | | |
| Comments: | A measurement report containing 2 strongest carriers and DTX is not used. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010101'B | |
| msrr | MsrResult_07 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | NotifiReq_01(Ti:Ti) | |
| PDU Type: | NOTIFY_PDU | |
| Derivation Path: | | |
| Comments: | Containing any valid notification indicator. n -> ms. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00111110'B | |
| nti | '10000000'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PagingRes_01 | |
| PDU Type: | PG_RES_PDU | |
| Derivation Path: | | |
| Comments: | To match any received PAGING RESPONSE message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100111'B | |
| shoct | '0000'B | |
| cphksn | ? | |
| msclm | ? | |
| mi | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PagingRes_03 | |
| PDU Type: | PG_RES_PDU | |
| Derivation Path: | | |
| Comments: | To match a received PAGING RESPONSE message with default TMSI, CKSN and classmark2. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100111'B | |
| shoct | '0000'B | |
| cphksn | CphKeySN_01 | |
| msclm | TSPX_ClassMark2 | |
| mi | MiTmsi_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PagingRes_r01 | |
| PDU Type: | PG_RES_PDU | |
| Derivation Path: | PagingRes_01. | |
| Comments: | To match any received PAGING RESPONSE message, RR tests. | |
| Field Name | Field Value | Comments |
| mi | MiTmsi_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReqTp1_03 | |
| PDU Type: | PG1_RQ_PDU | |
| Derivation Path: | PgReqTp1_01. | |
| Comments: | A PAGING REQUEST TYPE1 message to request TCH/F channel with normal paging mode for mobile identity MiTmsi_01. | |
| Field Name | Field Value | Comments |
| chn_m1_2 | Chneed_03 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp1_04 | |
| PDU Type: | PG1_RQ_PDU | |
| Derivation Path: | PgReqTp1_01. | |
| Comments: | A PAGING REQUEST TYPE1 message to request TCH/H or TCH/F channel with normal paging mode for mobile identity MiTmsi_01. | |
| Field Name | Field Value | Comments |
| chn_m1_2 | Chneed_04 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp1_05 | |
| PDU Type: | PG1_RQ_PDU | |
| Derivation Path: | PgReqTp1_01. | |
| Comments: | PAGING REQUEST TYPE1 message with mobile identity 1 being IMSI of the MS. | |
| Field Name | Field Value | Comments |
| l2_pl | OC_IntToOct(((3 + OC_LengthOf(Milmsi_01)) * 4) + 1, 1) | |
| mi1 | Milmsi_01 | |
| p1roct | OC_SubOctet('2B2B2B2B2B2B2B2B2B2B2B2B2B'0, 19 - OC_LengthOf(Milmsi_01)) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp1_06 | |
| PDU Type: | PG1_RQ_PDU | |
| Derivation Path: | PgReqTp1_01. | |
| Comments: | PAGING REQUEST TYPE1 message with mobile identity 1 being IMSI of the MS. | |
| Field Name | Field Value | Comments |
| l2_pl | OC_IntToOct(((3 + OC_LengthOf(Milmsi_r01)) * 4) + 1, 1) | |
| pm | Pm_03 | |
| mi1 | Milmsi_r01 | |
| p1roct | OC_SubOctet('2B2B2B2B2B2B2B2B2B2B2B2B2B'0, 19 - OC_LengthOf(Milmsi_r01)) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp1_r01 | |
| PDU Type: | PG1_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE1 message requesting any channel with normal paging mode, the first mobile identity is TMSI, the second is IMSI different from TSPX_IMSI. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100001'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_01 | |
| mi1 | MiTmsi_01 | |
| mi2 | Milmsi_r01iei | |
| p1roct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp1_r02 | |
| PDU Type: | PG1_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE1 message requesting any channel with normal paging mode, the first mobile identity is another TMSI, the second is IMSI of the IUT (TSPX_IMSI). | |
| Field Name | Field Value | Comments |
| l2_pl | OC_IntToOct(((9 + OC_LengthOf(Milmsi_01iei)) * 4) + 1, 1) | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100001'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_01 | |
| mi1 | MiTmsi_r01 | |
| mi2 | Milmsi_01iei | |
| p1roct | OC_SubOctet('2B2B2B2B2B2B2B2B2B2B2B'O, 13 - OC_LengthOf(Milmsi_01iei)) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp1_r03 | |
| PDU Type: | PG1_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE1 message requesting any channel with normal paging mode, the first mobile identity is an another TMSI differing from different from MiTmsi_01 and _02, the second one is TMSI of the IUT, MiTmsi_01. | |
| Field Name | Field Value | Comments |
| l2_pl | '41'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100001'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_01 | |
| mi1 | MiTmsi_r01 | |
| mi2 | MiTmsi_01iei | |
| p1roct | '2B2B2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp1_r04 | |
| PDU Type: | PG1_RQ_PDU | |
| Derivation Path: | PgReqTp1_01. | |
| Comments: | An PAGING REQUEST TYPE1 message requesting any channel with normal paging mode, the mobile identity is TMSI, but the identity type is set to 'no identity'. | |
| Field Name | Field Value | Comments |
| mi1 | MiTmsi_r02 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp2_01 | |
| PDU Type: | PG2_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE2 message requesting any channel with normal paging mode, the mobile identity is TMSI of the IUT. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100010'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_01 | |
| mi1 | Tmsi_01 | |
| mi2 | Tmsi_r01 | |
| mi3 | OMIT | |
| p2roct | '2B2B2B2B2B2B2B2B2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReqTp2_02 | |
| PDU Type: | PG2_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE2 message requesting any channel with extended paging mode and not addressing the MS under test. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100010'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_03 | |
| mi1 | Tmsi_r01 | |
| mi2 | Tmsi_r03 | |
| mi3 | OMIT | |
| p2roct | '2B2B2B2B2B2B2B2B2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp2_03 | |
| PDU Type: | PG2_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE2 message requesting any channel with paging reorganisation mode, the mobile identity is TMSI of the IUT. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100010'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_04 | |
| mi1 | Tmsi_01 | |
| mi2 | Tmsi_r01 | |
| mi3 | OMIT | |
| p2roct | '2B2B2B2B2B2B2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp2_04 | |
| PDU Type: | PG2_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE2 message requesting any channel with same as before paging mode, the mobile identity is TMSI of the IUT. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100010'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_05 | |
| mi1 | Tmsi_01 | |
| mi2 | Tmsi_r01 | |
| mi3 | OMIT | |
| p2roct | '2B2B2B2B2B2B2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReqTp2_r01 | |
| PDU Type: | PG2_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE2 message requesting any channel with normal paging mode, the 1st mobile identity is TMSI of the IUT. The 2nd one addresses an another MS. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100010'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_01 | |
| mi1 | Tmsi_01 | |
| mi2 | Tmsi_r01 | |
| mi3 | OMIT | |
| p2roct | '2B2B2B2B2B2B2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReqTp2_r02 | |
| PDU Type: | PG2_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE2 message requesting any channel with normal paging mode, the 2nd mobile identity is TMSI of the IUT. The 1st one addresses an another MS. | |
| Field Name | Field Value | Comments |
| l2_pl | '2D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100010'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_01 | |
| mi1 | Tmsi_r01 | |
| mi2 | Tmsi_01 | |
| mi3 | OMIT | |
| p2roct | '2B2B2B2B2B2B2B2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReqTp2_r03 | |
| PDU Type: | PG2_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE2 message requesting any channel with normal paging mode, the 3 mobile identity is TMSI of the IUT. The 1st and 2nd one address an another MS. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100010'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_01 | |
| mi1 | Tmsi_r03 | |
| mi2 | Tmsi_r01 | |
| mi3 | MiTmsi_01iei | |
| p2roct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReqTp2_r04 | |
| PDU Type: | PG2_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE2 message requesting any channel with normal paging mode, the 1st and 2nd mobile identity addresses an another MS. The 3rd one is IMSI of the IUT. . | |
| Field Name | Field Value | Comments |
| l2_pl | OC_IntToOct(((11 + OC_LengthOf(Milmsi_01iei)) * 4) + 1, 1) | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100010'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_01 | |
| mi1 | Tmsi_r03 | |
| mi2 | Tmsi_r01 | |
| mi3 | Milmsi_01iei | |
| p2roct | OC_SubOctet('2B2B2B2B2B2B2B2B2B2B2B2B2B'O, 11 - OC_LengthOf(Milmsi_01iei)) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp2_r05 | |
| PDU Type: | PG2_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE2 message requesting any channel with normal paging mode, the 3 mobile identity is TMSI of the IUT with the type of no id. The 1st and 2nd one address an another MS. | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100010'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_01 | |
| mi1 | Tmsi_r03 | |
| mi2 | Tmsi_r01 | |
| mi3 | MiTmsi_r02iei | |
| p2roct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReqTp2_r06 | |
| PDU Type: | PG2_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE2 message requesting any channel with normal paging mode, the 1st and 2nd mobile identity addresses an another MS. The 3rd one is IMSI of the IUT. . | |
| Field Name | Field Value | Comments |
| l2_pl | OC_IntToOct(((11 + OC_LengthOf(Milmsi_01iei)) * 4) + 1, 1) | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100010'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_03 | |
| mi1 | Tmsi_r03 | |
| mi2 | Tmsi_r01 | |
| mi3 | Milmsi_01iei | |
| p2roct | OC_SubOctet('2B2B2B2B2B2B2B2B2B2B'O, 11 - OC_LengthOf(Milmsi_01iei)) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReqTp3_01 | |
| PDU Type: | PG3_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE3 message requesting any channel with extended paging mode and not addressing the MS under test. | |
| Field Name | Field Value | Comments |
| l2_pl | '4D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100100'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_03 | |
| mi1 | Tmsi_r05 | |
| mi2 | Tmsi_r01 | |
| mi3 | Tmsi_r03 | |
| mi4 | Tmsi_r04 | |
| p3roct | '2B2B2B'O | |
| Detailed Comments: | Only used in 26_6_2_2 within Pg_Req3_01. | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | PgReqTp3_02 | |
| PDU Type: | PG3_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE3 message containing paging mode = "same as before". | |
| Field Name | Field Value | Comments |
| l2_pl | '4D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100100'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_05 | |
| mi1 | Tmsi_r05 | |
| mi2 | Tmsi_r01 | |
| mi3 | Tmsi_r03 | |
| mi4 | Tmsi_r04 | |
| p3roct | '2B2B2B'O | |
| Detailed Comments: | Only used in TC_26_6_2_4 within Pg_Req3_02 | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp3_03 | |
| PDU Type: | PG3_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE3 message containing paging mode = "normal paging". | |
| Field Name | Field Value | Comments |
| l2_pl | '4D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100100'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_01 | |
| mi1 | Tmsi_r05 | |
| mi2 | Tmsi_r01 | |
| mi3 | Tmsi_r03 | |
| mi4 | Tmsi_r04 | |
| p3roct | '2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp3_r01 | |
| PDU Type: | PG3_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE3 message requesting any channel with normal paging mode, the 1st mobile identity is TMSI of the IUT. The 2nd, 3rd and 4th one address another MSs. | |
| Field Name | Field Value | Comments |
| l2_pl | '4D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100100'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_01 | |
| mi1 | Tmsi_01 | |
| mi2 | Tmsi_r01 | |
| mi3 | Tmsi_r03 | |
| mi4 | Tmsi_r04 | |
| p3roct | '2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp3_r02 | |
| PDU Type: | PG3_RQ_PDU | |
| Derivation Path: | PgReqTp3_r01. | |
| Comments: | An PAGING REQUEST TYPE3 message requesting any channel with normal paging mode, the 2nd mobile identity is TMSI of the IUT. The 1st, 3rd and 4th one address another MSs. | |
| Field Name | Field Value | Comments |
| mi1 | Tmsi_r01 | |
| mi2 | Tmsi_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp3_r03 | |
| PDU Type: | PG3_RQ_PDU | |
| Derivation Path: | PgReqTp3_r01. | |
| Comments: | An PAGING REQUEST TYPE3 message requesting any channel with normal paging mode, the 3rd mobile identity is TMSI of the IUT. The 1st, 2nd and 4th one address another MSs. | |
| Field Name | Field Value | Comments |
| mi1 | Tmsi_r03 | |
| mi3 | Tmsi_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp3_r04 | |
| PDU Type: | PG3_RQ_PDU | |
| Derivation Path: | PgReqTp3_r01. | |
| Comments: | An PAGING REQUEST TYPE3 message requesting any channel with normal paging mode, the 4th mobile identity is TMSI of the IUT. The 1st, 2nd and 3rd one address another MSs. | |
| Field Name | Field Value | Comments |
| mi1 | Tmsi_r04 | |
| mi4 | Tmsi_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | PgReqTp3_r05 | |
| PDU Type: | PG3_RQ_PDU | |
| Derivation Path: | | |
| Comments: | An PAGING REQUEST TYPE3 message requesting any channel with normal paging mode, the 1st mobile identity is TMSI of the IUT. The 2nd, 3rd and 4th one address another MSs. | |
| Field Name | Field Value | Comments |
| l2_pl | '4D'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100100'B | |
| chn_m1_2 | Chneed_01 | |
| pm | Pm_03 | |
| mi1 | Tmsi_01 | |
| mi2 | Tmsi_r01 | |
| mi3 | Tmsi_r03 | |
| mi4 | Tmsi_r04 | |
| p3roct | '2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------|----------|
| Constraint Name: | Phyinform_01(ta:TA) | |
| PDU Type: | PHYINFO_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101101'B | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------|----------|
| Constraint Name: | Phyinform_02(ta:TA) | |
| PDU Type: | PHYINFO_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101101'B | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------|----------|
| Constraint Name: | Phyinform_04(ta:TA) | |
| PDU Type: | PHYINFO_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00101101'B | |
| ta | ta | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------|----------|
| Constraint Name: | Progress_01(Ti:Ti) | |
| PDU Type: | PROG_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00000011'B | |
| pi | ProgInd_02 | |
| uu | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------|----------|
| Constraint Name: | Progress_02(Ti:TI) | |
| PDU Type: | PROG_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00000011'B | |
| pi | ProgInd_03 | |
| uu | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RegisterPdu_01 | |
| PDU Type: | REGISTER_PDU | |
| Derivation Path: | | |
| Comments: | To match any received REGISTER message | |
| Field Name | Field Value | Comments |
| ti | ? | |
| sspd | ('1011'B, '0011'B) | |
| mt | '0?111011'B | |
| fie | ? | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RegisterPdu_03(fie:FIE) | |
| PDU Type: | REGISTER_PDU | |
| Derivation Path: | | |
| Comments: | To match a received REGISTER message invoking registration of CFRNy for Speech | |
| Field Name | Field Value | Comments |
| ti | ? | |
| sspd | '1011'B | |
| mt | '0?111011'B | |
| fie | fie | |
| ssvi | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RegisterPdu_34(Ti:TI; fie:FIE) | |
| PDU Type: | REGISTER_PDU | |
| Derivation Path: | | |
| Comments: | To send a REGISTER message containing Invoke for UnstructuredSS-Notify | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| sspd | '1011'B | |
| mt | '00111011'B | |
| fie | fie | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Release_01 | |
| PDU Type: | REL_PDU | |
| Derivation Path: | | |
| Comments: | A CC RELEASE message containing cause #96, used to match received CC RELEASE message. | |
| Field Name | Field Value | Comments |
| ti | TI_01 | |
| ccpd | '0011'B | |
| mt | '0?101101'B | |
| cau | Cause_04iei | |
| cau2 | * | |
| fie | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Release_02 | |
| PDU Type: | REL_PDU | |
| Derivation Path: | Release_01. | |
| Comments: | A CC RELEASE message to match any received CC RELEASE message. | |
| Field Name | Field Value | Comments |
| ti | ? | |
| cau | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Release_03(Ti:TI) | |
| PDU Type: | REL_PDU | |
| Derivation Path: | | |
| Comments: | A CC RELEASE message containing cause #31 to be sent to the MS. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00101101'B | |
| cau | Cause_11 | |
| cau2 | OMIT | |
| fie | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|----------------------------|----------|
| Constraint Name: | Release_05(Ti:TI; Cau:CAU) | |
| PDU Type: | REL_PDU | |
| Derivation Path: | | |
| Comments: | A CC RELEASE message. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?101101'B | |
| cau | Cau | |
| cau2 | Cause_14 IF_PRESENT | |
| fie | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Release_06(Ti:TI) | |
| PDU Type: | REL_PDU | |
| Derivation Path: | | |
| Comments: | A CC RELEASE message containing cause #16 and second cause #102 to be sent to the MS. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00101101'B | |
| cau | Cause_01iei | |
| cau2 | Cause_23 | |
| fie | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Release_08(Ti:TI) | |
| PDU Type: | REL_PDU | |
| Derivation Path: | | |
| Comments: | A CC RELEASE message with mandatory IE's only used in structured procedures test . | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00101101'B | |
| cau | OMIT | |
| cau2 | OMIT | |
| fie | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Release_09(Ti:TI) | |
| PDU Type: | REL_PDU | |
| Derivation Path: | | |
| Comments: | A CC RELEASE message with mandatory IE's only to be received. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?101101'B | |
| cau | OMIT | |
| cau2 | OMIT | |
| fie | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Release_10(Ti:TI) | |
| PDU Type: | REL_PDU | |
| Derivation Path: | | |
| Comments: | A CC RELEASE message used to match any received CC RELEASE message with a controllable TI. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?101101'B | |
| cau | * | |
| cau2 | * | |
| fie | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseCmp_01(Ti:TI) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | A RELEASE COMPLETE message containing cause value = #81. ms -> n | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '0011'B | |
| mt | '0?101010'B | |
| cau | Cause_07 | |
| fie | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseCmp_02 | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | A RELEASE COMPLETE message containing cause value #16. n -> ms | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| cc_sspd | '0011'B | |
| mt | '00101010'B | |
| cau | Cause_26 | |
| fie | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseCmp_03(Ti:TI) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | To match any received RELEASE message. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '0011'B | |
| mt | '0?101010'B | |
| cau | * | |
| fie | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ReleaseCmp_04(Ti:TI) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | A RELEASE COMPLETE message containing cause value #1. n -> ms | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '0011'B | |
| mt | '00101010'B | |
| cau | Cause_10 | |
| fie | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ReleaseCmp_05 | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | A RELEASE COMPLETE message containing cause value #88. ms -> n. | |
| Field Name | Field Value | Comments |
| ti | TI_01 | |
| cc_sspd | '0011'B | |
| mt | '0?101010'B | |
| cau | Cause_12 | |
| fie | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ReleaseCmp_06 | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | A RELEASE COMPLETE message containing cause value #21. ms -> n. | |
| Field Name | Field Value | Comments |
| ti | TI_01 | |
| cc_sspd | '0011'B | |
| mt | '0?101010'B | |
| cau | Cause_13 | |
| fie | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseCmp_07(Ti:TI) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | A RELEASE COMPLETE message containing cause value = #88. ms -> n | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '0011'B | |
| mt | '0?101010'B | |
| cau | Cause_27 | |
| fie | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ReleaseCmp_08(Ti :TI) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | A RELEASE COMPLETE message containing mandatory IEs only. n -> ms | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '0011'B | |
| mt | '00101010'B | |
| cau | OMIT | |
| fie | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseCmp_09(Ti :TI; fie:FIE) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | A RELEASE COMPLETE message containing facility IE. n -> ms | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '1011'B | |
| mt | '00101010'B | |
| cau | OMIT | |
| fie | fie | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseCmp_10(Ti:TI) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | A RELEASE COMPLETE message containing cause value = #17. ms -> n | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '0011'B | |
| mt | '0?101010'B | |
| cau | Cause_17 | |
| fie | * | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseCmp_25(Ti:Ti) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | To match a received RELEASE message which may or may not contain facility IE | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '0011'B | |
| mt | '0?101010'B | |
| cau | * | |
| fie | facilityIErcviei(FwdChAdvRslt_01) IF_PRESENT | |
| uu | * | |
| ssvi | * | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ReleaseCmp_42(Ti:Ti) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | To send a RELEASE COMPLETE message containing cause 'facility rejected' and without FIE | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '1011'B | |
| mt | '00101010'B | |
| cau | Cause_28 | |
| fie | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseCmp_47(Ti:Ti) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | To send a RELEASE COMPLETE message without cause and without FIE | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '1011'B | |
| mt | '00101010'B | |
| cau | OMIT | |
| fie | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ReleaseCmp_49(Ti:TI; Invkid:OCTETSTRING) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | To receive a RELEASE COMPLETE message containing Return Error for UnstructuredSS-Notify with the error code USSD Busy | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '1011'B | |
| mt | '0?101010'B | |
| cau | * | |
| fie | facilityIErcviei(NotificationSS_09(Invkid)) | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseCmp_50(Ti:TI; Invkid:OCTETSTRING) | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | To receive a RELEASE COMPLETE message containing Return Error for UnstructuredSS-Request with the error code USSD Busy | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| cc_sspd | '1011'B | |
| mt | '0?101010'B | |
| cau | * | |
| fie | facilityIErcviei(USSDReq_05(Invkid)) | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseCmp_52 | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | | |
| Comments: | A RELEASE COMPLETE message containing cause value #81 and TI = '1110'B. ms -> n. | |
| Field Name | Field Value | Comments |
| ti | TI_05 | |
| cc_sspd | '0011'B | |
| mt | '0?101010'B | |
| cau | Cause_22 | |
| fie | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | ReleaseCmp_inv_02 | |
| PDU Type: | REL_COM_PDU | |
| Derivation Path: | ReleaseCmp_02. | |
| Comments: | An invalid RELEASE COMPLETE message containing unknown optional IEI | |
| Field Name | Field Value | Comments |
| cau | Cause_08 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | ReleaseReq_inv_01(Ti:Ti) | |
| PDU Type: | REL_PDU | |
| Derivation Path: | | |
| Comments: | An invalid RELEASE message containing unknown optional IE. | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00101101'B | |
| cau | Cause_09 | |
| cau2 | OMIT | |
| fi | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RRStatus_01 | |
| PDU Type: | RRST_PDU | |
| Derivation Path: | | |
| Comments: | A RR STATUS message containing any RR cause. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00010010'B | |
| rrcau | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | RRStatus_02 | |
| PDU Type: | RRST_PDU | |
| Derivation Path: | RRStatus_01. | |
| Comments: | RR STATUS message containing cause value #96--invalid mandatory information | |
| Field Name | Field Value | Comments |
| rrcau | '01100000'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | RRStatus_03 | |
| PDU Type: | RRST_PDU | |
| Derivation Path: | RRStatus_01. | |
| Comments: | A RR STATUS message containing cause value #97--message type non-existent or not implemented | |
| Field Name | Field Value | Comments |
| rrcau | '01100001'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Setup_01 | |
| PDU Type: | SETUP_MT_PDU | |
| Derivation Path: | | |
| Comments: | A SETUP message containing speech bearer capability. n -> ms. | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_01 | |
| bcap2 | OMIT | |
| fie | OMIT | |
| pi | OMIT | |
| sig | OMIT | |
| cgpn | OMIT | |
| cgps | OMIT | |
| cdpn | OMIT | |
| cdps | OMIT | |
| llcri | OMIT | |
| llcmp1 | OMIT | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Setup_03 | |
| PDU Type: | SETUP_MT_PDU | |
| Derivation Path: | | |
| Comments: | A SETUP message with mandatory IE's only. This is default for BIBO testing. | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00000101'B | |
| bcri | OMIT | |
| bcap1 | OMIT | |
| bcap2 | OMIT | |
| fie | OMIT | |
| pi | OMIT | |
| sig | OMIT | |
| cgpn | OMIT | |
| cgps | OMIT | |
| cdpn | OMIT | |
| cdps | OMIT | |
| llcri | OMIT | |
| llcmp1 | OMIT | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Setup_04 | |
| PDU Type: | SETUP_MT_PDU | |
| Derivation Path: | | |
| Comments: | A SETUP message containing full rate bearer capability supported by the mobile station, signal IE and low layer, high layer compatibility's IE's. Used for CC testing. | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00000101'B | |
| bcri | OMIT | |
| bcap1 | TSPX_BCa | |
| bcap2 | OMIT | |
| fie | OMIT | |
| pi | OMIT | |
| sig | Signal_01 | |
| cgpn | OMIT | |
| cgps | OMIT | |
| cdpn | OMIT | |
| cdps | OMIT | |
| llcri | OMIT | |
| llcmp1 | TSPX_LLCmpA | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | TSPX_HLCmpA | |
| hlcmp2 | OMIT | |
| uu | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Setup_06 | |
| PDU Type: | SETUP_MT_PDU | |
| Derivation Path: | | |
| Comments: | A SETUP message containing only one bearer capability and the BC is not supported by the mobile station. | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00000101'B | |
| bcri | OMIT | |
| bcap1 | TSPX_BC2 | |
| bcap2 | OMIT | |
| fie | OMIT | |
| pi | OMIT | |
| sig | OMIT | |
| cgpn | OMIT | |
| cgps | OMIT | |
| cdpn | OMIT | |
| cdps | OMIT | |
| llcri | OMIT | |
| llcmp1 | OMIT | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Setup_20(par: BCAP) | |
| PDU Type: | SETUP_MT_PDU | |
| Derivation Path: | | |
| Comments: | A SETUP message containing bearer capability supported by the mobile station. | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00000101'B | |
| bcri | OMIT | |
| bcap1 | par | |
| bcap2 | OMIT | |
| fie | OMIT | |
| pi | OMIT | |
| sig | OMIT | |
| cgpn | OMIT | |
| cgps | OMIT | |
| cdpn | OMIT | |
| cdps | OMIT | |
| llcri | OMIT | |
| llcmp1 | OMIT | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Setup_21(par1:RPI; par2, par3 :BCAP) | |
| PDU Type: | SETUP_MT_PDU | |
| Derivation Path: | | |
| Comments: | A SETUP message containing two bearer capabilities supported by the mobile station. | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00000101'B | |
| bcri | par1 | |
| bcap1 | par2 | |
| bcap2 | par3 | |
| fie | OMIT | |
| pi | OMIT | |
| sig | OMIT | |
| cgpn | OMIT | |
| cgps | OMIT | |
| cdpn | OMIT | |
| cdps | OMIT | |
| llcri | OMIT | |
| llcmp1 | OMIT | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Setup_24(fie:FIE) | |
| PDU Type: | SETUP_MT_PDU | |
| Derivation Path: | | |
| Comments: | A SETUP message containing full rate bearer capability TSPX_BCa supported by the mobile station, and low layer, high layer compatibility's IE's and facility IE but no signal IE. | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00000101'B | |
| bcri | OMIT | |
| bcap1 | TSPX_BCa | |
| bcap2 | OMIT | |
| fie | fie | |
| pi | OMIT | |
| sig | OMIT | |
| cgpn | OMIT | |
| cgps | OMIT | |
| cdpn | OMIT | |
| cdps | OMIT | |
| llcri | OMIT | |
| llcmp1 | TSPX_LLCmpA | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | TSPX_HLCmpA | |
| hlcmp2 | OMIT | |
| uu | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Setup_inv_01 | |
| PDU Type: | SETUP_MT_PDU | |
| Derivation Path: | | |
| Comments: | A SETUP message with ti_f value = 1 as an invalid message. | |
| Field Name | Field Value | Comments |
| ti | TI_01 | |
| ccpd | '0011'B | |
| mt | '00000101'B | |
| bcri | OMIT | |
| bcap1 | OMIT | |
| bcap2 | OMIT | |
| fie | OMIT | |
| pi | OMIT | |
| sig | OMIT | |
| cgpn | OMIT | |
| cgps | OMIT | |
| cdpn | OMIT | |
| cdps | OMIT | |
| llcri | OMIT | |
| llcmp1 | OMIT | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | Setup_inv_02 | |
| PDU Type: | SETUP_MT_PDU | |
| Derivation Path: | | |
| Comments: | An invalid SETUP message with arbitrary spare bits | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0011'B | |
| mt | '00000101'B | |
| bcri | OMIT | |
| bcap1 | OMIT | |
| bcap2 | OMIT | |
| fie | OMIT | |
| pi | OMIT | |
| sig | Signal_01 | |
| cgpn | Cgpn_01 | |
| cgps | Cgps_01 | |
| cdpn | Cdpn_01 | |
| cdps | Cdps_01 | |
| llcri | OMIT | |
| llcmp1 | OMIT | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------------------------|----------|
| Constraint Name: | SMSCB_01(sernum: SERIAL_NUMBER) | |
| PDU Type: | SMSCB_PDU | |
| Derivation Path: | | |
| Comments: | To send a SMSCB message, first block | |
| Field Name | Field Value | Comments |
| blocktype | Blocktype_01('0000'B, '0'B) | |
| serial_number | sernum | |
| message_id | '0000'O | |
| dcs | Tpdcs_05 | |
| page_param | '00010001'B | |
| message_contents | OC_CodeSMSCBMessage(1, 16) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SMSCB_02(seqnum, lb: BITSTRING; firstoct: INTEGER; lastoct: INTEGER) | |
| PDU Type: | SMSCB_PDU | |
| Derivation Path: | | |
| Comments: | To send a SMSCB message, second to fourth block (depending on sequence number) | |
| Field Name | Field Value | Comments |
| blocktype | Blocktype_01(seqnum, lb) | |
| serial_number | OMIT | |
| message_id | OMIT | |
| dcs | OMIT | |
| page_param | OMIT | |
| message_contents | OC_CodeSMSCBMessage(firstoct, lastoct) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | SetupInd_01 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match any received SETUP message | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | * | |
| bcap1 | ? | |
| bcap2 | * | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | * | |
| llcmp1 | * | |
| llcmp2 | * | |
| hlcri | * | |
| hlcmp1 | * | |
| hlcmp2 | * | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccapp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_02 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the received SETUP message which initiates the dual mode services. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | ('11010001'B, '11010011'B) | |
| bcap1 | ? | |
| bcap2 | ? | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | * | |
| llcmp1 | * | |
| llcmp2 | * | |
| hlcri | * | |
| hlcmp1 | * | |
| hlcmp2 | * | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccapp | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_03 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match received SETUP message in structured procedure tests | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | * | |
| bcap1 | ? | |
| bcap2 | * | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | * | |
| llcmp1 | * | |
| llcmp2 | * | |
| hlcri | * | |
| hlcmp1 | * | |
| hlcmp2 | * | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccap | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B121_300_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 21. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B121_300_1 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_300_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccap | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B121_300_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 21. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B121_300_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_300_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B122_300_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 21. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B122_300_1 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_300_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccac | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B122_300_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 21. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B122_300_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_300_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | SetupInd_B121_1200_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 22. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B121_1200_1 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_1200_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccac | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B121_1200_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 22. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B121_1200_2 | |
| bcap2 | OMIT | |
| fi | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_1200_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B122_1200_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 22. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B122_1200_1 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_1200_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccapi | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B122_1200_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 22. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B122_1200_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_1200_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | SetupInd_B121_120075_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 23. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B121_120075_1 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_120075_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccac | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | SetupInd_B121_120075_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 23. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B121_120075_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_120075_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | SetupInd_B122_120075_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 23. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B122_120075_1 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_120075_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccac | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B122_120075_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 23. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B122_120075_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_120075_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B121_2400_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 24. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B121_2400_1 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_2400_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccac | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B121_2400_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 24. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B121_2400_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_2400_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B122_2400_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 24. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B122_2400_1 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_2400_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccac | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B122_2400_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 24. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B122_2400_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_2400_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B121_4800_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 25. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B121_4800_1 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_4800_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccac | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B121_4800_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 25. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B121_4800_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_4800_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B122_4800_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 25. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B122_4800_1 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_4800_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccapi | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | SetupInd_B122_4800_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 25. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B122_4800_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_4800_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B121_9600_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 26. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B121_9600_1 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_9600_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccac | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B121_9600_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 26. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B121_9600_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_9600_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B121_9600_3 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 26. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B121_9600_3 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_9600_3 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccac | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B121_9600_4 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 26. Combination: Bcap : ITC is UDI LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B121_9600_4 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B121_9600_4 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|-----------------------------------|--|----------|
| Constraint Name: | SetupInd_B122_9600_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 26. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B122_9600_1 | |
| bcap2 | OMIT | |
| fiel | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_9600_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccac | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B122_9600_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 26. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B122_9600_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_9600_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B122_9600_3 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 26. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | OMIT | |
| bcap1 | Bcap_Setup_B122_9600_3 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_9600_3 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B122_9600_4 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 26. Combination: Bcap : ITC is 3.1 kHz audio LLC: mandatory | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B122_9600_4 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B122_9600_4 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B1311_1200 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 31. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1311_1200 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1311_1200 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B1321_1200 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 31. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1321_1200 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1321_1200 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B1311_2400 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 32. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1311_2400 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1311_2400 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B1312_2400 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 32. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1312_2400 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1312_2400 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B1321_2400 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 32. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1321_2400 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1321_2400 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B1322_2400 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 32. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1322_2400 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1322_2400 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B1311_4800 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 33. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1311_4800 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1311_4800 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B1312_4800 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 33. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1312_4800 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1312_4800 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B1321_4800 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 33. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1321_4800 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1321_4800 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B1322_4800 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 33. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1322_4800 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1322_4800 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B1311_9600 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 34. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1311_9600 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1311_9600 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B1312_9600 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 34. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1312_9600 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1312_9600 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B1321_9600 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 34. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1321_9600 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1321_9600 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B1322_9600_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 34. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1322_9600_1 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1322_9600_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B1322_9600_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 34. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B1322_9600_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B1322_9600_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B14_300_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 41. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_300_1 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_300_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B14_300_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 41. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_300_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_300_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B14_1200_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 42. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_1200_1 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_1200_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B14_1200_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 42. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_1200_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_1200_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B14_120075_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 43. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_120075_1 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_120075_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B14_120075_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 43. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_120075_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_120075_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B14_2400_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 44. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_2400_1 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_2400_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B14_2400_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 44. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_2400_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_2400_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B14_4800_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 45. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_4800_1 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_4800_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B14_4800_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 45. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_4800_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_4800_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B14_9600_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 46. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_9600_1 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_9600_1 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B14_9600_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 46. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_9600_2 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_9600_2 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B14_9600_3 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 46. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_9600_3 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_9600_3 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B14_9600_4 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 46. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B14_9600_4 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B14_9600_4 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_B15_2400 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 51. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B15_2400 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B15_2400 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B15_4800 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 52. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B15_4800 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B15_4800 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_B15_9600 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 53. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B15_9600 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_Setup_B15_9600 | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_300_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_300_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_300_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_300_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_300_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_300_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_1200_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_1200_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_1200_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_1200_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_1200_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_1200_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_120075_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_120075_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_120075_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_120075_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_120075_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_120075_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_2400_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_2400_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_2400_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_2400_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_2400_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_2400_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_4800_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_4800_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_4800_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccap | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_4800_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_4800_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_4800_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccap | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_9600_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_9600_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_9600_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1621_9600_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_9600_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_9600_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_BS61_B161_B1622_1200 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1622_1200 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1622_1200 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_BS61_B161_B1622_2400 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1622_2400 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1622_2400 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1622_4800 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1622_4800 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1622_4800 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS61_B161_B1622_9600 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 61. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1622_9600 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010001'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1622_9600 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_300_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_300_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_300_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_300_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_300_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_300_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_1200_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_1200_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_1200_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_1200_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_1200_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_1200_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_120075_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_120075_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_120075_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_120075_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_120075_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_120075_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_2400_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_2400_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_2400_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_2400_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_2400_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_2400_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_4800_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_4800_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_4800_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_4800_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_4800_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_4800_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_9600_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_9600_1 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_9600_1 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1621_9600_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1621_9600_2 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1621_9600_2 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1622_1200 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1622_1200 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1622_1200 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1622_2400 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1622_2400 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1622_2400 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1622_4800 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1622_4800 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1622_4800 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_BS81_B161_B1622_9600 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for BS 81. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010011'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | Bcap_Setup_B1622_9600 | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | '11010011'B | |
| llcmp1 | Llcmp_NotApplicable | |
| llcmp2 | Llcmp_Setup_B1622_9600 | |
| hlcri | OMIT | |
| hlcmp1 | OMIT | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_TS11_12 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for TSs 11 and 12. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_NotApplicable IF_PRESENT | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | Hlcmp_Setup_TS11_12 | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccav | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SetupInd_TS61_1 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | <p>To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for TS 61.</p> <p>First possible combination:</p> <p>BC RI: circular</p> <p>Bcap1: Speech</p> <p>Bcap2: Fax G3</p> | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | '11010001'B | |
| bcap1 | Bcap_Setup_B161 | |
| bcap2 | (Bcap_Setup_B1102_1, Bcap_Setup_B1102_2, Bcap_Setup_B1102_3) | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_NotApplicable IF_PRESENT | |
| llcmp2 | OMIT | |
| hlcri | '11010001'B | |
| hlcmp1 | Hlcmp_NotApplicable | |
| hlcmp2 | Hlcmp_Setup_TS61 | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_TS61_2 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | <p>To match the setup PDU from the MS containing the Bearer Capability, Low Layer Compatibility and High Layer Compatibility IE's for TS 61.</p> <p>First possible combination:</p> <p>BC RI: circular</p> <p>Bcap1: Fax G3</p> <p>Bcap2: Speech</p> | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcric | '11010001'B | |
| bcap1 | (Bcap_Setup_B1102_1, Bcap_Setup_B1102_2, Bcap_Setup_B1102_3) | |
| bcap2 | Bcap_Setup_B161 | |
| fi | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_NotApplicable IF_PRESENT | |
| llcmp2 | OMIT | |
| hlcri | '11010001'B IF_PRESENT | |
| hlcmp1 | Hlcmp_Setup_TS61 | |
| hlcmp2 | Hlcmp_NotApplicable IF_PRESENT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccacp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SetupInd_TS62 | |
| PDU Type: | SETUP_MO_PDU | |
| Derivation Path: | | |
| Comments: | To match the setup PDU from the MS containing the Bearer Capabiility, Low Layer Compatibility and High Layer Compatibility IE's for TS 62. | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| ccpd | '0011'B | |
| mt | '0?000101'B | |
| bcri | OMIT | |
| bcap1 | (Bcap_Setup_B1102_1, Bcap_Setup_B1102_2, Bcap_Setup_B1102_3) | |
| bcap2 | OMIT | |
| fie | * | |
| cgps | * | |
| cdpn | ? | |
| cdps | * | |
| llcri | OMIT | |
| llcmp1 | Llcmp_NotApplicable IF_PRESENT | |
| llcmp2 | OMIT | |
| hlcri | OMIT | |
| hlcmp1 | Hlcmp_Setup_TS62 | |
| hlcmp2 | OMIT | |
| uu | * | |
| ssvi | * | |
| clirsup | * | |
| clirinv | * | |
| cccapp | TSPX_CallCntrlCap IF_PRESENT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | StartDtmf_01(Ti:TI; character:IA5String) | |
| PDU Type: | START_DTMF_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?110101'B | |
| kpf | KeyPad_01(character) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------|----------|
| Constraint Name: | StartDtmf_02(Ti:TI) | |
| PDU Type: | START_DTMF_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?110101'B | |
| kpf | KeyPad_02 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | StartDtmfAck_01(Ti:TI; character:IA5String) | |
| PDU Type: | START_DTMF_ACK_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00110110'B | |
| kpf | KeyPad_01(character) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|------------------------|----------|
| Constraint Name: | StartDtmfRej_01(Ti:TI) | |
| PDU Type: | START_DTMF_REJ_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00110111'B | |
| cau | Cause_15 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--------------------|----------|
| Constraint Name: | StopDtmf_01(Ti:TI) | |
| PDU Type: | STOP_DTMF_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '0?110001'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------------|----------|
| Constraint Name: | StopDtmfAck_01(Ti:TI) | |
| PDU Type: | STOP_DTMF_ACK_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00110010'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | Synclnfor_01 | |
| PDU Type: | SCHINFO_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| ncc | '001'B | |
| bcc | C_BCC | |
| t1 | ? | |
| t2 | ? | |
| t3_ | ? | |
| Detailed Comments: | 1. The values of t1, t2 and t3_ shall be correctly set by the L2 simulation module when this message is sent to air on the synchronization channel. It is assumed that there is a set of timebase counters in the L2 module, these counters run continuously and keep the correct timeslot number SN and TDMA frame number FN as long as the test system is poweron , the T1, T2, T3' (values for t1, t2 and t3_) can be derived from these counters. | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInf1(cchd:CCHD; maxtx:B_2; txint:B_4; re:B_1) | |
| PDU Type: | SYSINFO1_PDU | |
| Derivation Path: | | |
| Comments: | Default parameters for cell A in RR testing of GSM 900 | |
| Field Name | Field Value | Comments |
| l2_pl | '55'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011001'B | |
| cchd | cchd | |
| rachcp | RachCntrlPara(maxtx, txint, re) | |
| si1roct | '2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInf2(bcchfl: NCD; maxtx:B_2; txint:B_4; re:B_1) | |
| PDU Type: | SYSINFO2_PDU | |
| Derivation Path: | | |
| Comments: | SYSTEM INFORMATION TYPE2 containing default neighbour cells description | |
| Field Name | Field Value | Comments |
| l2_pl | '59'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011010'B | |
| bcchfl | bcchfl | |
| nccp | '02'O | |
| rachcp | RachCntrlPara(maxtx, txint, re) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInf2_07(bcchfl: NCD; rachcpar: RACHCP) | |
| PDU Type: | SYSINFO2_PDU | |
| Derivation Path: | | |
| Comments: | SYSTEM INFORMATION TYPE2 of cell 1 for idle mode testing of GSM900. | |
| Field Name | Field Value | Comments |
| l2_pl | '59'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011010'B | |
| bcchfl | bcchfl | |
| nccp | '04'O | |
| rachcp | rachcpar | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInf2bis | |
| PDU Type: | SYSINFO2bis_PDU | |
| Derivation Path: | | |
| Comments: | SYSTEM INFORMATION 2bis in cell A under EGSM with the ARFCN list = {988, 990, 1003}. | |
| Field Name | Field Value | Comments |
| l2_pl | '55'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00000010'B | |
| xbchfl | BcchFreqLst_47 | |
| rachcp | RachCntrlPara_r01 | |
| si2bisroct | '00'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInf3(ci:CI; mnc, lac:OCTETSTRING; ccd:CCD; co:CO; crh, mtmc:INTEGER; neci:B_1; maxtx:B_2; txint:B_4; re:B_1) | |
| PDU Type: | SYSINFO3_PDU | |
| Derivation Path: | | |
| Comments: | CCCH combined or not with SDCCH | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011011'B | |
| ci | ci | |
| lai | LocAreaId(mnc, lac) | |
| ccd | ccd | |
| co | co | |
| csp | CellSelPara(crh, mtmc, neci) | |
| rachcp | RachCntrlPara(maxtx, txint, re) | |
| si3roct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInf3_MM(ci: CI; lai: LAI; ccd: CCD; csp: CSP; rachcp: RACHCP) | |
| PDU Type: | SYSINFO3_PDU | |
| Derivation Path: | | |
| Comments: | | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011011'B | |
| ci | ci | |
| lai | lai | |
| ccd | ccd | |
| co | CellOpt_01 | |
| csp | csp | |
| rachcp | rachcp | |
| si3roct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInf3_07(ci: CI; lai: LAI; ccd: CCD; co:CO; csp: CSP; rachcp: RACHCP) | |
| PDU Type: | SYSINFO3_PDU | |
| Derivation Path: | | |
| Comments: | values are defined in 26.3.1 of GSM 11.10 | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011011'B | |
| ci | ci | |
| lai | lai | |
| ccd | ccd | |
| co | co | |
| csp | csp | |
| rachcp | rachcp | |
| si3roct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInf3_inv_01 | |
| PDU Type: | SYSINFO3_PDU | |
| Derivation Path: | | |
| Comments: | An invalid SYSTEM INFORMATION TYPE 3 message containing rest octets which are not all '2B'O | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011011'B | |
| ci | C_ci_cellA | |
| lai | LocAreaId_02 | |
| ccd | CntrlChDscrp_inv | |
| co | CellOpt_04 | |
| csp | CellSelPara_01 | |
| rachcp | RachCntrlPara_01 | |
| si3roct | '2B2B2BEE'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInf4_MM(lai: LAI; csp: CSP; rachcpar: RACHCP) | |
| PDU Type: | SYSINFO4_PDU | |
| Derivation Path: | | |
| Comments: | A SYSTEM INFORMATION TYPE 4 message containing default values | |
| Field Name | Field Value | Comments |
| l2_pl | '31'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011100'B | |
| lai | lai | |
| csp | csp | |
| rachcp | rachcpar | |
| cbchd | OMIT | |
| cbchma | OMIT | |
| si4roct | '2B2B2B2B2B2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInf4(mnc, lac:OCTETSTRING; crh, mtmc:INTEGER; neci:B_1; maxtx:B_2; txint:B_4; re:B_1) | |
| PDU Type: | SYSINFO4_PDU | |
| Derivation Path: | | |
| Comments: | A SYSTEM INFORMATION TYPE 4 message containing default values | |
| Field Name | Field Value | Comments |
| l2_pl | '31'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011100'B | |
| lai | LocAreaId(mnc, lac) | |
| csp | CellSelPara(crh, mtmc, neci) | |
| rachcp | RachCntrlPara(maxtx, txint, re) | |
| cbchd | OMIT | |
| cbchma | OMIT | |
| si4roct | '2B2B2B2B2B2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInf4_CBMS(mnc, lac:OCTETSTRING; crh, mtmc:INTEGER; neci:B_1; maxtx:B_2; txint:B_4; re:B_1; cbchd:CHD) | |
| PDU Type: | SYSINFO4_PDU | |
| Derivation Path: | | |
| Comments: | To send a SYSTEM INFORMATION TYPE 4 message for SMSCB with the values or GSM 11.10, 34.3 | |
| Field Name | Field Value | Comments |
| l2_pl | '49'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011100'B | |
| lai | LocAreaId(mnc, lac) | |
| csp | CellSelPara(crh, mtmc, neci) | |
| rachcp | RachCntrlPara(maxtx, txint, re) | |
| cbchd | cbchd | |
| cbchma | MobIAlIc_01iei | |
| si4roct | '2B2B2B2B'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | SysInf4_inv_01 | |
| PDU Type: | SYSINFO4_PDU | |
| Derivation Path: | | |
| Comments: | An invalid SYSTEM INFORMATION message containing rest octets which are not all '2B'O | |
| Field Name | Field Value | Comments |
| l2_pl | '31'O | |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011100'B | |
| lai | LocAreald_02 | |
| csp | CellSelPara_01 | |
| rachcp | RachCntrlPara_01 | |
| cbchd | OMIT | |
| cbchma | OMIT | |
| si4roct | '2B2B2B2B2B2B2B2B2BEE'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInf5(bcchfl: NCD) | |
| PDU Type: | SYSINFO5_PDU | |
| Derivation Path: | | |
| Comments: | SYSTEM INFORMATION TYPE 5 containing default neighbour cells description for GSM900 | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011101'B | |
| bcchfl | bcchfl | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInf5bis_01(bcchfl: NCD) | |
| PDU Type: | SYSINFO5bis_PDU | |
| Derivation Path: | | |
| Comments: | SYSTEM INFORMATION TYPE 5bis containing partial neighbour cells description with 1 frequency for DCS1800. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00000101'B | |
| xbcchfl | bcchfl | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInf6(ci:CI; mnc, lac:OCTETSTRING; co:CO) | |
| PDU Type: | SYSINFO6_PDU | |
| Derivation Path: | | |
| Comments: | A SYSTEM INFORMATION TYPE 6 message containing default parameters for RR testing. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011110'B | |
| ci | ci | |
| lai | LocAreald(mnc, lac) | |
| co | co | |
| nccp | '02'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | SysInf6_MM(ci: CI; lai: LAI; co:CO) | |
| PDU Type: | SYSINFO6_PDU | |
| Derivation Path: | | |
| Comments: | A SYSTEM INFORMATION TYPE 6 message containing default parameters for RR testing. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00011110'B | |
| ci | ci | |
| lai | lai | |
| co | co | |
| nccp | '02'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | TmsiReallocCmd(par:MI; lac: OCTETSTRING) | |
| PDU Type: | TMSIRE_CMD_PDU | |
| Derivation Path: | | |
| Comments: | TMSI REALLOCATION COMMAND message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00011010'B | |
| lai | LocAreald_30(lac) | |
| mi | par | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | TmsiReallocComp | |
| PDU Type: | TMSIRE_COM_PDU | |
| Derivation Path: | | |
| Comments: | TMSI REALLOCATION COMPLETE message. | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '0?011011'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | UndefCC_02(Ti:TI) | |
| PDU Type: | CONN_PDU | |
| Derivation Path: | | |
| Comments: | This is an undefined CC message | |
| Field Name | Field Value | Comments |
| ti | Ti | |
| ccpd | '0011'B | |
| mt | '00111111'B | |
| fie | OMIT | |
| pi | OMIT | |
| cnn | OMIT | |
| cns | OMIT | |
| uu | OMIT | |
| ssvi | OMIT | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---------------------------------|----------|
| Constraint Name: | UndefMM_01 | |
| PDU Type: | ID_RES_PDU | |
| Derivation Path: | | |
| Comments: | This is an undefined MM message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| mmpd | '0101'B | |
| mt | '00100101'B | |
| mi | Mi_05 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------------------|----------|
| Constraint Name: | UndefRR_01 | |
| PDU Type: | PART_REL_PDU | |
| Derivation Path: | | |
| Comments: | An undefined RR message | |
| Field Name | Field Value | Comments |
| ski | '0000'B | |
| rrpd | '0110'B | |
| mt | '00100101'B | |
| chd | Chd_01 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | UnknownMsg_01 | |
| PDU Type: | CCST_ENQ_PDU | |
| Derivation Path: | | |
| Comments: | CC STATUS ENQUIRY alike unknown message | |
| Field Name | Field Value | Comments |
| ti | TI_02 | |
| ccpd | '0000'B | |
| mt | '00110100'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | UnknownMsg_02 | |
| PDU Type: | CCST_ENQ_PDU | |
| Derivation Path: | UnknownMsg_01. | |
| Comments: | CC STATUS ENQUIRY alike unknown message with arbitrary transaction ID. | |
| Field Name | Field Value | Comments |
| ti | TI_04 | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------------------|----------|
| Constraint Name: | CpDataAckPdu_01(ti_v: TI_V) | |
| PDU Type: | CPDATA_ACK_PDU | |
| Derivation Path: | | |
| Comments: | CP DATA ACKNOWLEDGE ms -> n | |
| Field Name | Field Value | Comments |
| ti | TI_08(ti_v) | |
| smspd | '1001'B | |
| mt | '00000100'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-----------------------------|----------|
| Constraint Name: | CpDataAckPdu_02(ti_v: TI_V) | |
| PDU Type: | CPDATA_ACK_PDU | |
| Derivation Path: | | |
| Comments: | CP DATA ACKNOWLEDGE n -> ms | |
| Field Name | Field Value | Comments |
| ti | TI_07(ti_v) | |
| smspd | '1001'B | |
| mt | '00000100'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------------------------------|----------|
| Constraint Name: | CpDataAckPdu_03(ti:TI) | |
| PDU Type: | CPDATA_ACK_PDU | |
| Derivation Path: | | |
| Comments: | CP DATA ACKNOWLEDGE n -> ms, MO-SMS | |
| Field Name | Field Value | Comments |
| ti | ti | |
| smspd | '1001'B | |
| mt | '00000100'B | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|-------------------------------|----------|
| Constraint Name: | CpErrPdu_01(ti:TI_V) | |
| PDU Type: | CPERR_PDU | |
| Derivation Path: | | |
| Comments: | CP ERROR n -> ms GSM 04.11 | |
| Field Name | Field Value | Comments |
| ti | TI_08(ti) | |
| smspd | '1001'B | |
| mt | '00010000'B | |
| cp_cause | '11'O | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CpDataPdu_01(ti_v: TI_V; cpdat:CPDATA) | |
| PDU Type: | CP_DATA_PDU | |
| Derivation Path: | | |
| Comments: | CP DATA n -> ms, RP DATA, TP-DCS set to 0 GSM 04.11 | |
| Field Name | Field Value | Comments |
| ti | TI_07(ti_v) | |
| smspd | '1001'B | |
| mt | '00000001'B | |
| CPdata | cpdat | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CpDataPdu_02(ti_v: TI_V; cpdat:CPDATA) | |
| PDU Type: | CP_DATA_PDU | |
| Derivation Path: | | |
| Comments: | CP DATA ms -> n, RP Acknowledge GSM 04.11 | |
| Field Name | Field Value | Comments |
| ti | TI_08(ti_v) | |
| smspd | '1001'B | |
| mt | '00000001'B | |
| CPdata | cpdat | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CpDataPdu_03(cpdat:CPDATA) | |
| PDU Type: | CP_DATA_PDU | |
| Derivation Path: | | |
| Comments: | CP DATA ms -> n, RP data, TP-DCS set to 0, no status report requested GSM 04.11 | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| smspd | '1001'B | |
| mt | '00000001'B | |
| CPdata | cpdat | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CpDataPdu_04 | |
| PDU Type: | CP_DATA_PDU | |
| Derivation Path: | | |
| Comments: | CP DATA n -> ms, RP Acknowledge GSM 04.11 | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| smspd | '1001'B | |
| mt | '00000001'B | |
| CPdata | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|------------------------------|----------|
| Constraint Name: | CpDataPdu_any | |
| PDU Type: | CP_DATA_PDU | |
| Derivation Path: | | |
| Comments: | CP DATA ms -> n GSM 04.11 | |
| Field Name | Field Value | Comments |
| ti | ? | |
| smspd | '1001'B | |
| mt | '00000001'B | |
| CPdata | ? | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|---|----------|
| Constraint Name: | CpDataPdu_16(tpoa1: BCDN; rpoa_mt: BCDN; smtype: INTEGER; text: IA5String; ti_v: TI_V; rpmr: MR; timezone:TZONES) | |
| PDU Type: | CP_DATA_PDU | |
| Derivation Path: | | |
| Comments: | CP DATA n -> ms, RP DATA, TP-DCS set to 0 GSM 04.11 | |
| Field Name | Field Value | Comments |
| ti | TI_07(ti_v) | |
| smspd | '1001'B | |
| mt | '00000001'B | |
| CPdata | CpData_15(tpoa1, rpoa_mt, smtype, text, rpmr, timezone) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CpDataPdu_17(tpoa1: BCDN; rpoa_mt: BCDN; text: IA5String; ti_v: TI_V; rpmr: MR; timezone:TZONES) | |
| PDU Type: | CP_DATA_PDU | |
| Derivation Path: | | |
| Comments: | CP DATA n -> ms, RP DATA, TP-DCS set to 0 GSM 04.11 | |
| Field Name | Field Value | Comments |
| ti | TI_07(ti_v) | |
| smspd | '1001'B | |
| mt | '00000001'B | |
| CPdata | CpData_16(tpoa1, rpoa_mt, text, rpmr, timezone) | |
| Detailed Comments: | | |

| PDU Constraint Declaration | | |
|----------------------------|--|----------|
| Constraint Name: | CpDataPdu_18(tpda, rpda:BCDN; tpud:TPUD) | |
| PDU Type: | CP_DATA_PDU | |
| Derivation Path: | | |
| Comments: | CP DATA ms -> n, RP data, TP-DCS set to 0, no status report requested GSM 04.11 | |
| Field Name | Field Value | Comments |
| ti | TI_09 | |
| smspd | '1001'B | |
| mt | '00000001'B | |
| CPdata | CpData_17(tpda, rpda,tpud) | |
| Detailed Comments: | | |

Dynamic Part

Test Cases

Test Group General

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_11_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/General/ | | | |
| Purpose: | | <p>1. To verify that the MS, for the case of the Multinumbering scheme or ISDN, accepts a SETUP message, where the Information Elements for Bearer Capability are compatible with the Bearer Services / Teleservices declared as supported by the MS, by sending a CALL CONFIRMED message.</p> <p>This is verified for all Mobile Terminated Bearer Services / Teleservices declared as supported by the MS.</p> <p>2. To verify that the MS in the "Null" state, U0, when receiving a SETUP message containing incompatible Information Elements for Bearer Capability will respond with a RELEASE COMPLETE message.</p> <p>This is verified for all Mobile Terminated Bearer Services / Teleservices not declared as supported by the MS.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(1800) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +testTS11 | | | |
| 7 | | +testTS62_2400 | | | |
| 8 | | +testTS62_4800 | | | |
| 9 | | +testTS62_9600 | | | |
| 10 | | +testTS61_2400 | | | |
| 11 | | +testTS61_4800 | | | |
| 12 | | +testTS61_9600 | | | |
| 13 | | +continue | | | |
| | | continue | | | |
| 14 | | +testBS21 | | | |
| 15 | | +testBS22 | | | |
| 16 | | +testBS24 | | | |
| 17 | | +testBS25 | | | |
| 18 | | +testBS26 | | | |
| 19 | | +testBS31 | | | |
| 20 | | +testBS32 | | | |
| 21 | | +testBS33 | | | |
| 22 | | +testBS34 | | | |
| 23 | | +continue1 | | | |
| | | continue1 | | | |
| 24 | | +testBS61_300 | | | |
| 25 | | +testBS61_1200 | | | |
| 26 | | +testBS61_2400 | | | |
| 27 | | +testBS61_4800 | | | |
| 28 | | +testBS61_9600 | | | |

| | | | |
|----|--|--|----|
| 29 | +testBS81_300 | | |
| 30 | +testBS81_1200 | | |
| 31 | +testBS81_2400 | | |
| 32 | +testBS81_4800 | | |
| 33 | +testBS81_9600 | | |
| | testTS11 | | |
| 34 | [TSPC_Serv_TS11] | | 3. |
| 35 | (TCV_Setup_mt := Setup_01) | | |
| 36 | +check1(C_Telephony) | | |
| 37 | [NOT TSPC_Serv_TS11] | | 4. |
| 38 | (TCV_Setup_mt := Setup_01) | | |
| 39 | +check2(C_Telephony) | | |
| | testTS61_2400 | | |
| 40 | [TSPC_Serv_TS61_2400] | | |
| 41 | (TCV_Bcap1 := Bcap_Speech, TCV_Bcap2 := Bcap_Fax(TSPX_FAX_2400_1_strc, TSPX_FAX_2400_1_ur, TSPX_FAX_2400_1_ir, TSPX_FAX_2400_1_ce), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 42 | +check1(C_AltSpchG3_2400) | | |
| 43 | [TSPX_TS61_2400more] | | |
| 44 | (TCV_Bcap1 := Bcap_Speech, TCV_Bcap2 := Bcap_Fax(TSPX_FAX_2400_2_strc, TSPX_FAX_2400_2_ur, TSPX_FAX_2400_2_ir, TSPX_FAX_2400_2_ce), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 45 | +check1(C_AltSpchG3_2400) | | |
| 46 | [NOT TSPX_TS61_2400more] | | |
| 47 | [NOT TSPC_Serv_TS61_2400] | | |
| 48 | (TCV_Bcap1 := Bcap_Speech, TCV_Bcap2 := Bcap_Fax(TSPX_FAX_2400_1_strc, TSPX_FAX_2400_1_ur, TSPX_FAX_2400_1_ir, TSPX_FAX_2400_1_ce), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 49 | +check2(C_AltSpchG3_2400) | | |
| | testTS61_4800 | | |
| 50 | [TSPC_Serv_TS61_4800] | | |
| 51 | (TCV_Bcap1 := Bcap_Speech, TCV_Bcap2 := Bcap_Fax(TSPX_FAX_4800_1_strc, TSPX_FAX_4800_1_ur, TSPX_FAX_4800_1_ir, TSPX_FAX_4800_1_ce), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 52 | +check1(C_AltSpchG3_4800) | | |
| 53 | [TSPX_TS61_4800more] | | |
| 54 | (TCV_Bcap1 := Bcap_Speech, TCV_Bcap2 := Bcap_Fax(TSPX_FAX_4800_2_strc, TSPX_FAX_4800_2_ur, TSPX_FAX_4800_2_ir, TSPX_FAX_4800_2_ce), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 55 | +check1(C_AltSpchG3_4800) | | |
| 56 | [NOT TSPX_TS61_4800more] | | |
| 57 | [NOT TSPC_Serv_TS61_4800] | | |
| 58 | (TCV_Bcap1 := Bcap_Speech, TCV_Bcap2 := Bcap_Fax(TSPX_FAX_4800_1_strc, TSPX_FAX_4800_1_ur, TSPX_FAX_4800_1_ir, TSPX_FAX_4800_1_ce), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 59 | +check2(C_AltSpchG3_4800) | | |
| | testTS61_9600 | | |
| 60 | [TSPC_Serv_TS61_9600] | | |
| 61 | (TCV_Bcap1 := Bcap_Speech, TCV_Bcap2 := Bcap_Fax(TSPX_FAX_4800_1_strc, | | |


```

62 TSPX_FAX_9600_1_ur, TSPX_FAX_9600_1_ir,
63 TSPX_FAX_9600_1_ce), TCV_Setup_mt :=
64 Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2))
+check1(C_AltSpchG3_9600)
[TSPX_TS61_9600more]
(TCV_Bcap1 := Bcap_Speech, TCV_Bcap2
:= Bcap_Fax(TSPX_FAX_9600_2_strc,
TSPX_FAX_9600_2_ur,
TSPX_FAX_9600_2_ir,
TSPX_FAX_9600_2_ce), TCV_Setup_mt :=
Setup_21('11010001'B, TCV_Bcap1,
TCV_Bcap2))
65 +check1(C_AltSpchG3_9600)
66 [NOT TSPX_TS61_9600more]
67 [NOT TSPC_Serv_TS61_9600]
68 (TCV_Bcap1 := Bcap_Speech, TCV_Bcap2 :=
Bcap_Fax(TSPX_FAX_9600_1_strc,
TSPX_FAX_9600_1_ur, TSPX_FAX_9600_1_ir,
TSPX_FAX_9600_1_ce), TCV_Setup_mt :=
Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2))
69 +check2(C_AltSpchG3_9600)

testTS62_2400
70 [TSPC_Serv_TS62_2400]
71 (TCV_Bcap1 :=
Bcap_Fax(TSPX_FAX_2400_1_strc,
TSPX_FAX_2400_1_ur, TSPX_FAX_2400_1_ir,
TSPX_FAX_2400_1_ce), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
72 +check1(C_AutoG3_T_2400)
73 [TSPX_TS62_2400more]
74 (TCV_Bcap1 :=
Bcap_Fax(TSPX_FAX_2400_2_strc,
TSPX_FAX_2400_2_ur,
TSPX_FAX_2400_2_ir,
TSPX_FAX_2400_2_ce), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
75 +check1(C_AutoG3_T_2400)
76 [NOT TSPX_TS62_2400more]
77 [NOT TSPC_Serv_TS62_2400]
78 (TCV_Bcap1 :=
Bcap_Fax(TSPX_FAX_2400_1_strc,
TSPX_FAX_2400_1_ur, TSPX_FAX_2400_1_ir,
TSPX_FAX_2400_1_ce), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
79 +check2(C_AutoG3_T_2400)

testTS62_4800
80 [TSPC_Serv_TS62_4800]
81 (TCV_Bcap1 :=
Bcap_Fax(TSPX_FAX_4800_1_strc,
TSPX_FAX_4800_1_ur, TSPX_FAX_4800_1_ir,
TSPX_FAX_4800_1_ce), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
82 +check1(C_AutoG3_T_4800)
83 [TSPX_TS62_4800more]
84 (TCV_Bcap1 :=
Bcap_Fax(TSPX_FAX_4800_2_strc,
TSPX_FAX_4800_2_ur,
TSPX_FAX_4800_2_ir,
TSPX_FAX_4800_2_ce), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
85 +check1(C_AutoG3_T_4800)
86 [NOT TSPX_TS62_4800more]
87 [NOT TSPC_Serv_TS62_4800]
88 (TCV_Bcap1 :=
Bcap_Fax(TSPX_FAX_4800_1_strc,
TSPX_FAX_4800_1_ur, TSPX_FAX_4800_1_ir,
TSPX_FAX_4800_1_ce), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
89 +check2(C_AutoG3_T_4800)

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90      testTS62_9600
91      [TSPC_Serv_TS62_9600]
          (TCV_Bcap1 :=
          Bcap_Fax(TSPX_FAX_9600_1_strc,
          TSPX_FAX_9600_1_ur, TSPX_FAX_9600_1_ir,
          TSPX_FAX_9600_1_ce), TCV_Setup_mt :=
          Setup_20(TCV_Bcap1))
92      +check1(C_AutoG3_T_9600)
93      [TSPX_TS62_9600more]
94      (TCV_Bcap1 :=
          Bcap_Fax(TSPX_FAX_9600_2_strc,
          TSPX_FAX_9600_2_ur,
          TSPX_FAX_9600_2_ir,
          TSPX_FAX_9600_2_ce), TCV_Setup_mt :=
          Setup_20(TCV_Bcap1))
95      +check1(C_AutoG3_T_9600)
96      [NOT TSPX_TS62_9600more]
97      [NOT TSPC_Serv_TS62_9600]
98      (TCV_Bcap1 :=
          Bcap_Fax(TSPX_FAX_9600_1_strc,
          TSPX_FAX_9600_1_ur, TSPX_FAX_9600_1_ir,
          TSPX_FAX_9600_1_ce), TCV_Setup_mt :=
          Setup_20(TCV_Bcap1))
99      +check2(C_AutoG3_T_9600)

100     testBS21
101     [TSPC_Serv_BS21]
          (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_21_1_itc,
          TSPX_BS_21_1_strc, TSPX_BS_21_1_ra, '0001'B,
          TSPX_BS_21_1_ir, TSPX_BS_21_1_ce,
          TSPX_BS_21_1_modemt), TCV_Setup_mt :=
          Setup_20( TCV_Bcap1))
102     +check1(C_300cda)
103     [TSPX_BS21more]
104     (TCV_Bcap1 :=
          Bcap_Bs2(TSPX_BS_21_2_itc,
          TSPX_BS_21_2_strc, TSPX_BS_21_2_ra,
          '0001'B, TSPX_BS_21_2_ir,
          TSPX_BS_21_2_ce,
          TSPX_BS_21_2_modemt), TCV_Setup_mt :=
          Setup_20( TCV_Bcap1))
105     +check1(C_300cda)
106     [NOT TSPX_BS21more]
107     [NOT TSPC_Serv_BS21]
108     (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_21_1_itc,
          TSPX_BS_21_1_strc, TSPX_BS_21_1_ra, '0001'B,
          TSPX_BS_21_1_ir, TSPX_BS_21_1_ce,
          TSPX_BS_21_1_modemt), TCV_Setup_mt :=
          Setup_20( TCV_Bcap1))
109     +check2(C_300cda)

110     testBS22
111     [TSPC_Serv_BS22]
          (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_22_1_itc,
          TSPX_BS_22_1_strc, TSPX_BS_22_1_ra, '0010'B,
          TSPX_BS_22_1_ir, TSPX_BS_22_1_ce,
          TSPX_BS_22_1_modemt), TCV_Setup_mt :=
          Setup_20( TCV_Bcap1))
112     +check1(C_1200cda)
113     [TSPX_BS22more]
114     (TCV_Bcap1 :=
          Bcap_Bs2(TSPX_BS_22_2_itc,
          TSPX_BS_22_2_strc, TSPX_BS_22_2_ra,
          '0010'B, TSPX_BS_22_2_ir,
          TSPX_BS_22_2_ce,
          TSPX_BS_22_2_modemt), TCV_Setup_mt :=
          Setup_20( TCV_Bcap1))
115     +check1(C_1200cda)
116     [NOT TSPX_BS22more]
117     [NOT TSPC_Serv_BS22]

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118 (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_22_1_itc,
TSPX_BS_22_1_strc, TSPX_BS_22_1_ra, '0010'B,
TSPX_BS_22_1_ir, TSPX_BS_22_1_ce,
TSPX_BS_22_1_modemt), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
119 +check2(C_1200cda)

testBS24
120 [TSPC_Serv_BS24]
121 (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_24_1_itc,
TSPX_BS_24_1_strc, TSPX_BS_24_1_ra, '0011'B,
TSPX_BS_24_1_ir, TSPX_BS_24_1_ce,
TSPX_BS_24_1_modemt), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
122 +check1(C_2400cda)
123 [TSPX_BS24more]
124 (TCV_Bcap1 :=
Bcap_Bs2(TSPX_BS_24_2_itc,
TSPX_BS_24_2_strc, TSPX_BS_24_2_ra,
'0011'B, TSPX_BS_24_2_ir,
TSPX_BS_24_2_ce,
TSPX_BS_24_2_modemt), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
125 +check1(C_2400cda)
126 [NOT TSPX_BS24more]
127 [NOT TSPC_Serv_BS24]
128 (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_24_1_itc,
TSPX_BS_24_1_strc, TSPX_BS_24_1_ra, '0011'B,
TSPX_BS_24_1_ir, TSPX_BS_24_1_ce,
TSPX_BS_24_1_modemt), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
129 +check2(C_2400cda)

testBS25
130 [TSPC_Serv_BS25]
131 (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_25_1_itc,
TSPX_BS_25_1_strc, TSPX_BS_25_1_ra, '0100'B,
TSPX_BS_25_1_ir, TSPX_BS_25_1_ce,
TSPX_BS_25_1_modemt), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
132 +check1(C_4800cda)
133 [TSPX_BS25more]
134 (TCV_Bcap1 :=
Bcap_Bs2(TSPX_BS_25_2_itc,
TSPX_BS_25_2_strc, TSPX_BS_25_2_ra,
'0100'B, TSPX_BS_25_2_ir,
TSPX_BS_25_2_ce,
TSPX_BS_25_2_modemt), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
135 +check1(C_4800cda)
136 [NOT TSPX_BS25more]
137 [NOT TSPC_Serv_BS25]
138 (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_25_1_itc,
TSPX_BS_25_1_strc, TSPX_BS_25_1_ra, '0100'B,
TSPX_BS_25_1_ir, TSPX_BS_25_1_ce,
TSPX_BS_25_1_modemt), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
139 +check2(C_4800cda)

testBS26
140 [TSPC_Serv_BS26]
141 (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_26_1_itc,
TSPX_BS_26_1_strc, TSPX_BS_26_1_ra, '0101'B,
TSPX_BS_26_1_ir, TSPX_BS_26_1_ce,
TSPX_BS_26_1_modemt), TCV_Setup_mt :=
Setup_20(TCV_Bcap1))
142 +check1(C_9600cda)
143 [TSPX_BS26more]
144 (TCV_Bcap1 :=
Bcap_Bs2(TSPX_BS_26_2_itc,
TSPX_BS_26_2_strc, TSPX_BS_26_2_ra,

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'0101'B, TSPX_BS_26_2_ir,
TSPX_BS_26_2_ce,
TSPX_BS_26_2_modemt), TCV_Setup_mt :=
Setup_20( TCV_Bcap1))
145     +check1(C_9600cda)
146     [NOT TSPX_BS26more]
147 [NOT TSPC_Serv_BS26]
148     (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_26_1_itc,
TSPX_BS_26_1_strc, TSPX_BS_26_1_ra, '0101'B,
TSPX_BS_26_1_ir, TSPX_BS_26_1_ce,
TSPX_BS_26_1_modemt), TCV_Setup_mt :=
Setup_20( TCV_Bcap1))
149     +check2(C_9600cda)

testBS31
150 [TSPC_Serv_BS31]
151     (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_31_1_itc,
TSPX_BS_31_1_strc, TSPX_BS_31_1_ra,
TSPX_BS_31_1_sacp, '0010'B, TSPX_BS_31_1_ir,
'00'B, TSPX_BS_31_1_modemt), TCV_Setup_mt
:= Setup_20( TCV_Bcap1))
152     +check1(C_1200cda)
153     [TSPX_BS31more]
154     (TCV_Bcap1 :=
Bcap_Bs3(TSPX_BS_31_2_itc,
TSPX_BS_31_2_strc, TSPX_BS_31_2_ra,
TSPX_BS_31_2_sacp, '0010'B,
TSPX_BS_31_2_ir, '00'B,
TSPX_BS_31_2_modemt), TCV_Setup_mt :=
Setup_20( TCV_Bcap1))
155     +check1(C_1200cda)
156     [NOT TSPX_BS31more]
157 [NOT TSPC_Serv_BS31]
158     (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_31_1_itc,
TSPX_BS_31_1_strc, TSPX_BS_31_1_ra,
TSPX_BS_31_1_sacp, '0010'B, TSPX_BS_31_1_ir,
'00'B, TSPX_BS_31_1_modemt), TCV_Setup_mt
:= Setup_20( TCV_Bcap1))
159     +check2(C_1200cda)

testBS32
160 [TSPC_Serv_BS32]
161     (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_32_1_itc,
TSPX_BS_32_1_strc, TSPX_BS_32_1_ra,
TSPX_BS_32_1_sacp, '0011'B, TSPX_BS_32_1_ir,
TSPX_BS_32_1_ce, TSPX_BS_32_1_modemt),
TCV_Setup_mt := Setup_20( TCV_Bcap1))
162     +check1(C_2400cda)
163     [TSPX_BS32more]
164     (TCV_Bcap1 :=
Bcap_Bs3(TSPX_BS_32_2_itc,
TSPX_BS_32_2_strc, TSPX_BS_32_2_ra,
TSPX_BS_32_2_sacp, '0011'B,
TSPX_BS_32_2_ir, TSPX_BS_32_2_ce,
TSPX_BS_32_2_modemt), TCV_Setup_mt :=
Setup_20( TCV_Bcap1))
165     +check1(C_2400cda)
166     [NOT TSPX_BS32more]
167 [NOT TSPC_Serv_BS32]
168     (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_32_1_itc,
TSPX_BS_32_1_strc, TSPX_BS_32_1_ra,
TSPX_BS_32_1_sacp, '0011'B, TSPX_BS_32_1_ir,
TSPX_BS_32_1_ce, TSPX_BS_32_1_modemt),
TCV_Setup_mt := Setup_20( TCV_Bcap1))
169     +check2(C_2400cda)

testBS33
170 [TSPC_Serv_BS33]
171     (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_33_1_itc,
TSPX_BS_33_1_strc, TSPX_BS_33_1_ra,
TSPX_BS_33_1_sacp, '0100'B, TSPX_BS_33_1_ir,

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| 172 | TSPX_BS_33_1_ce, TSPX_BS_33_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) +check1(C_4800cds) | | |
| 173 | [TSPX_BS33more] | | |
| 174 | (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_33_2_itc, TSPX_BS_33_2_strc, TSPX_BS_33_2_ra, TSPX_BS_33_2_sacp, '0100'B, TSPX_BS_33_2_ir, TSPX_BS_33_2_ce, TSPX_BS_33_2_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) +check1(C_4800cds) | | |
| 175 | [NOT TSPX_BS33more] | | |
| 177 | [NOT TSPC_Serv_BS33] | | |
| 178 | (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_33_1_itc, TSPX_BS_33_1_strc, TSPX_BS_33_1_ra, TSPX_BS_33_1_sacp, '0100'B, TSPX_BS_33_1_ir, TSPX_BS_33_1_ce, TSPX_BS_33_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) +check2(C_4800cds) | | |
| 179 | | | |
| | testBS34 | | |
| 180 | [TSPC_Serv_BS34] | | |
| 181 | (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_34_1_itc, TSPX_BS_34_1_strc, TSPX_BS_34_1_ra, TSPX_BS_34_1_sacp, '0101'B, TSPX_BS_34_1_ir, TSPX_BS_34_1_ce, TSPX_BS_34_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) +check1(C_9600cds) | | |
| 182 | [TSPX_BS34more] | | |
| 183 | (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_34_2_itc, TSPX_BS_34_2_strc, TSPX_BS_34_2_ra, TSPX_BS_34_2_sacp, '0101'B, TSPX_BS_34_2_ir, TSPX_BS_34_2_ce, TSPX_BS_34_2_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) +check1(C_9600cds) | | |
| 184 | [NOT TSPX_BS34more] | | |
| 185 | [NOT TSPC_Serv_BS34] | | |
| 186 | (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_34_1_itc, TSPX_BS_34_1_strc, TSPX_BS_34_1_ra, TSPX_BS_34_1_sacp, '0101'B, TSPX_BS_34_1_ir, TSPX_BS_34_1_ce, TSPX_BS_34_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) +check2(C_9600cds) | | |
| 187 | | | |
| 188 | | | |
| 189 | | | |
| | testBS61_300 | | |
| 190 | [TSPC_Serv_BS61_300] | | |
| 191 | (TCV_Bcap1 := Bcap_Speech) | | |
| 192 | +tree_BS_61_300_1 | | |
| 193 | +check1(C_AltSpchData_300) | | |
| 194 | [TSPX_BS61_300more] | | |
| 195 | +tree_BS_61_300_2 | | |
| 196 | +check1(C_AltSpchData_300) | | |
| 197 | [NOT TSPX_BS61_300more] | | |
| 198 | [NOT TSPC_Serv_BS61_300] | | |
| 199 | +tree_BS_61_300_1 | | |
| 200 | +check2(C_AltSpchData_300) | | |
| | tree_BS_61_300_1 | | |
| 201 | [TSPX_BS_61_300_1_S] | | synchronous Data service |
| 202 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_300_S_1_ur, TSPX_BS_61_300_S_1_ir, '00'B, TSPX_BS_61_300_S_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 203 | [NOT TSPX_BS_61_300_1_S] | | asynchronous Data service |

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| 204 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_300_A_1_strc, '00'B, TSPX_BS_61_300_A_1_ur, TSPX_BS_61_300_A_1_ir, TSPX_BS_61_300_A_1_ce, TSPX_BS_61_300_A_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| | tree_BS_61_300_2 | | |
| 205 | [TSPX_BS_61_300_2_S] | | synchronous Data service |
| 206 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_300_S_2_ur, TSPX_BS_61_300_S_2_ir, '00'B, TSPX_BS_61_300_S_2_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 207 | [NOT TSPX_BS_61_300_2_S] | | asynchronous Data service |
| 208 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_300_A_2_strc, '00'B, TSPX_BS_61_300_A_2_ur, TSPX_BS_61_300_A_2_ir, TSPX_BS_61_300_A_2_ce, TSPX_BS_61_300_A_2_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| | testBS61_1200 | | |
| 209 | [TSPC_Serv_BS61_1200] | | |
| 210 | (TCV_Bcap1 := Bcap_Speech) | | |
| 211 | +tree_BS_61_1200_1 | | |
| 212 | +check1(C_AltSpchData_1200) | | |
| 213 | [TSPX_BS61_1200more] | | |
| 214 | +tree_BS_61_1200_2 | | |
| 215 | +check1(C_AltSpchData_1200) | | |
| 216 | [NOT TSPX_BS61_1200more] | | |
| 217 | [NOT TSPC_Serv_BS61_1200] | | |
| 218 | +tree_BS_61_1200_1 | | |
| 219 | +check2(C_AltSpchData_1200) | | |
| | tree_BS_61_1200_1 | | |
| 220 | [TSPX_BS_61_1200_1_S] | | synchronous Data service |
| 221 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_1200_S_1_ur, TSPX_BS_61_1200_S_1_ir, '00'B, TSPX_BS_61_1200_S_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 222 | [NOT TSPX_BS_61_1200_1_S] | | asynchronous Data service |
| 223 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_1200_A_1_strc, '00'B, TSPX_BS_61_1200_A_1_ur, TSPX_BS_61_1200_A_1_ir, TSPX_BS_61_1200_A_1_ce, TSPX_BS_61_1200_A_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| | tree_BS_61_1200_2 | | |
| 224 | [TSPX_BS_61_1200_2_S] | | synchronous Data service |
| 225 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_1200_S_2_ur, TSPX_BS_61_1200_S_2_ir, '00'B, TSPX_BS_61_1200_S_2_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 226 | [NOT TSPX_BS_61_1200_2_S] | | asynchronous Data service |
| 227 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_1200_A_2_strc, '00'B, | | |

| | | | |
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| | TSPX_BS_61_1200_A_2_ur, TSPX_BS_61_1200_A_2_ir, TSPX_BS_61_1200_A_2_ce, TSPX_BS_61_1200_A_2_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| | testBS61_2400 | | |
| 228 | [TSPC_Serv_BS61_2400] | | |
| 229 | (TCV_Bcap1 := Bcap_Speech) | | |
| 230 | +tree_BS_61_2400_1 | | |
| 231 | +check1(C_AltSpchData_2400) | | |
| 232 | [TSPX_BS61_2400more] | | |
| 233 | +tree_BS_61_2400_2 | | |
| 234 | +check1(C_AltSpchData_2400) | | |
| 235 | [NOT TSPX_BS61_2400more] | | |
| 236 | [NOT TSPC_Serv_BS61_2400] | | |
| 237 | +tree_BS_61_2400_1 | | |
| 238 | +check2(C_AltSpchData_2400) | | |
| | tree_BS_61_2400_1 | | |
| 239 | [TSPX_BS_61_2400_1_S] | | synchronous Data service |
| 240 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_2400_S_1_ur, TSPX_BS_61_2400_S_1_ir, '00'B, TSPX_BS_61_2400_S_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 241 | [NOT TSPX_BS_61_2400_1_S] | | asynchronous Data service |
| 242 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_2400_A_1_strc, '00'B, TSPX_BS_61_2400_A_1_ur, TSPX_BS_61_2400_A_1_ir, TSPX_BS_61_2400_A_1_ce, TSPX_BS_61_2400_A_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| | tree_BS_61_2400_2 | | |
| 243 | [TSPX_BS_61_2400_2_S] | | synchronous Data service |
| 244 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_2400_S_2_ur, TSPX_BS_61_2400_S_2_ir, '00'B, TSPX_BS_61_2400_S_2_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 245 | [NOT TSPX_BS_61_2400_2_S] | | asynchronous Data service |
| 246 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_2400_A_2_strc, '00'B, TSPX_BS_61_2400_A_2_ur, TSPX_BS_61_2400_A_2_ir, TSPX_BS_61_2400_A_2_ce, TSPX_BS_61_2400_A_2_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | |
| | testBS61_4800 | | |
| 247 | [TSPC_Serv_BS61_4800] | | |
| 248 | (TCV_Bcap1 := Bcap_Speech) | | |
| 249 | +tree_BS_61_4800_1 | | |
| 250 | +check1(C_AltSpchData_4800) | | |
| 251 | [TSPX_BS61_4800more] | | |
| 252 | +tree_BS_61_4800_2 | | |
| 253 | +check1(C_AltSpchData_4800) | | |
| 254 | [NOT TSPX_BS61_4800more] | | |
| 255 | [NOT TSPC_Serv_BS61_4800] | | |
| 256 | +tree_BS_61_4800_1 | | |
| 257 | +check2(C_AltSpchData_4800) | | |

| | | |
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| 258 | tree_BS_61_4800_1 | |
| 259 | [TSPX_BS_61_4800_1_S] (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_4800_S_1_ur, TSPX_BS_61_4800_S_1_ir, '00'B, TSPX_BS_61_4800_S_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | synchronous Data service |
| 260 | [NOT TSPX_BS_61_4800_1_S] | asynchronous Data service |
| 261 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_4800_A_1_strc, '00'B, TSPX_BS_61_4800_A_1_ur, TSPX_BS_61_4800_A_1_ir, TSPX_BS_61_4800_A_1_ce, TSPX_BS_61_4800_A_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | |
| 262 | tree_BS_61_4800_2 | |
| 263 | [TSPX_BS_61_4800_2_S] (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_4800_S_2_ur, TSPX_BS_61_4800_S_2_ir, '00'B, TSPX_BS_61_4800_S_2_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | synchronous Data service |
| 264 | [NOT TSPX_BS_61_4800_2_S] | asynchronous Data service |
| 265 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_4800_A_2_strc, '00'B, TSPX_BS_61_4800_A_2_ur, TSPX_BS_61_4800_A_2_ir, TSPX_BS_61_4800_A_2_ce, TSPX_BS_61_4800_A_2_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | |
| 266 | testBS61_9600 | |
| 267 | [TSPC_Serv_BS61_9600] | |
| 268 | (TCV_Bcap1 := Bcap_Speech) | |
| 269 | +tree_BS_61_9600_1 | |
| 270 | +check1(C_AltSpchData_9600) | |
| 271 | [TSPX_BS61_9600more] | |
| 272 | +tree_BS_61_9600_2 | |
| 273 | +check1(C_AltSpchData_9600) | |
| 274 | [NOT TSPX_BS61_9600more] | |
| 275 | [NOT TSPC_Serv_BS61_9600] | |
| 276 | +tree_BS_61_9600_1 | |
| 277 | +check2(C_AltSpchData_9600) | |
| 278 | tree_BS_61_9600_1 | |
| 279 | [TSPX_BS_61_9600_1_S] (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_9600_S_1_ur, TSPX_BS_61_9600_S_1_ir, '00'B, TSPX_BS_61_9600_S_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | synchronous Data service |
| 280 | [NOT TSPX_BS_61_9600_1_S] (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_9600_A_1_strc, '00'B, TSPX_BS_61_9600_A_1_ur, TSPX_BS_61_9600_A_1_ir, TSPX_BS_61_9600_A_1_ce, TSPX_BS_61_9600_A_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | asynchronous Data service |

| | | |
|---|--|--|
| 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 | <p>tree_BS_61_9600_2 [TSPX_BS_61_9600_2_S] (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_9600_S_2_ur, TSPX_BS_61_9600_S_2_ir, '00'B, TSPX_BS_61_9600_S_2_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2))</p> <p>[NOT TSPX_BS_61_9600_2_S]</p> <p>(TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_9600_A_2_strc, '00'B, TSPX_BS_61_9600_A_2_ur, TSPX_BS_61_9600_A_2_ir, TSPX_BS_61_9600_A_2_ce, TSPX_BS_61_9600_A_2_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2))</p> <p>testBS81_300 [TSPC_Serv_BS81_300] (TCV_Bcap1 := Bcap_Speech) +tree_BS_81_300_1 +check1(C_SpchData_300) [TSPX_BS81_300more] +tree_BS_81_300_2 +check1(C_SpchData_300) [NOT TSPX_BS81_300more] [NOT TSPC_Serv_BS81_300] +tree_BS_81_300_1 +check2(C_SpchData_300)</p> <p>tree_BS_81_300_1 [TSPX_BS_81_300_1_S] (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_300_S_1_ur, TSPX_BS_81_300_S_1_ir, '00'B, TSPX_BS_81_300_S_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2))</p> <p>[NOT TSPX_BS_81_300_1_S]</p> <p>(TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_300_A_1_strc, '00'B, TSPX_BS_81_300_A_1_ur, TSPX_BS_81_300_A_1_ir, TSPX_BS_81_300_A_1_ce, TSPX_BS_81_300_A_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2))</p> <p>tree_BS_81_300_2 [TSPX_BS_81_300_2_S] (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_300_S_2_ur, TSPX_BS_81_300_S_2_ir, '00'B, TSPX_BS_81_300_S_2_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2))</p> <p>[NOT TSPX_BS_81_300_2_S]</p> <p>(TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_300_A_2_strc, '00'B, TSPX_BS_81_300_A_2_ur, TSPX_BS_81_300_A_2_ir, TSPX_BS_81_300_A_2_ce, TSPX_BS_81_300_A_2_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2))</p> <p>testBS81_1200</p> | <p>synchronous Data service</p> <p>asynchronous Data service</p> <p>synchronous Data service</p> <p>asynchronous Data service</p> <p>synchronous Data service</p> <p>asynchronous Data service</p> |
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|-----|--|--|------------------------------|
| 304 | [TSPC_Serv_BS81_1200] | | |
| 305 | (TCV_Bcap1 := Bcap_Speech) | | |
| 306 | +tree_BS_81_1200_1 | | |
| 307 | +check1(C_SpchData_1200) | | |
| 308 | [TSPX_BS81_1200more] | | |
| 309 | +tree_BS_81_1200_2 | | |
| 310 | +check1(C_SpchData_1200) | | |
| 311 | [NOT TSPX_BS81_1200more] | | |
| 312 | [NOT TSPC_Serv_BS81_1200] | | |
| 313 | +tree_BS_81_1200_1 | | |
| 314 | +check2(C_SpchData_1200) | | |
| | tree_BS_81_1200_1 | | |
| 315 | [TSPX_BS_81_1200_1_S] | | synchronous Data service |
| 316 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_1200_S_1_ur, TSPX_BS_81_1200_S_1_ir, '00'B, TSPX_BS_81_1200_S_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 317 | [NOT TSPX_BS_81_1200_1_S] | | asynchronous Data service |
| 318 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_1200_A_1_strc, '00'B, TSPX_BS_81_1200_A_1_ur, TSPX_BS_81_1200_A_1_ir, TSPX_BS_81_1200_A_1_ce, TSPX_BS_81_1200_A_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| | tree_BS_81_1200_2 | | |
| 319 | [TSPX_BS_81_1200_2_S] | | synchronous Data service |
| 320 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_1200_S_2_ur, TSPX_BS_81_1200_S_2_ir, '00'B, TSPX_BS_81_1200_S_2_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 321 | [NOT TSPX_BS_81_1200_2_S] | | asynchronous Data service |
| 322 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_1200_A_2_strc, '00'B, TSPX_BS_81_1200_A_2_ur, TSPX_BS_81_1200_A_2_ir, TSPX_BS_81_1200_A_2_ce, TSPX_BS_81_1200_A_2_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| | testBS81_2400 | | |
| 323 | [TSPC_Serv_BS81_2400] | | |
| 324 | (TCV_Bcap1 := Bcap_Speech) | | |
| 325 | +tree_BS_81_2400_1 | | |
| 326 | +check1(C_SpchData_2400) | | |
| 327 | [TSPX_BS81_2400more] | | |
| 328 | +tree_BS_81_2400_2 | | |
| 329 | +check1(C_SpchData_2400) | | |
| 330 | [NOT TSPX_BS81_2400more] | | |
| 331 | [NOT TSPC_Serv_BS81_2400] | | |
| 332 | +tree_BS_81_2400_1 | | |
| 333 | +check2(C_SpchData_2400) | | |
| | tree_BS_81_2400_1 | | |
| 334 | [TSPX_BS_81_2400_1_S] | | synchronous Data service |
| 335 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_2400_S_1_ur, TSPX_BS_81_2400_S_1_ir, '00'B, TSPX_BS_81_2400_S_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, | | |

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| 336 | TCV_Bcap1, TCV_Bcap2)) [NOT TSPX_BS_81_2400_1_S] | asynchronous Data service |
| 337 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_2400_A_1_strc, '00'B, TSPX_BS_81_2400_A_1_ur, TSPX_BS_81_2400_A_1_ir, TSPX_BS_81_2400_A_1_ce, TSPX_BS_81_2400_A_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | |
| 338 | tree_BS_81_2400_2 [TSPX_BS_81_2400_2_S] | synchronous Data service |
| 339 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_2400_S_2_ur, TSPX_BS_81_2400_S_2_ir, '00'B, TSPX_BS_81_2400_S_2_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | |
| 340 | [NOT TSPX_BS_81_2400_2_S] | asynchronous Data service |
| 341 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_2400_A_2_strc, '00'B, TSPX_BS_81_2400_A_2_ur, TSPX_BS_81_2400_A_2_ir, TSPX_BS_81_2400_A_2_ce, TSPX_BS_81_2400_A_2_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | |
| 342 | testBS81_4800 [TSPC_Serv_BS81_4800] | |
| 343 | (TCV_Bcap1 := Bcap_Speech) | |
| 344 | +tree_BS_81_4800_1 | |
| 345 | +check1(C_SpchData_4800) | |
| 346 | [TSPX_BS81_4800more] | |
| 347 | +tree_BS_81_4800_2 | |
| 348 | +check1(C_SpchData_4800) | |
| 349 | [NOT TSPX_BS81_4800more] | |
| 350 | [NOT TSPC_Serv_BS81_4800] | |
| 351 | +tree_BS_81_4800_1 | |
| 352 | +check2(C_SpchData_4800) | |
| 353 | tree_BS_81_4800_1 [TSPX_BS_81_4800_1_S] | synchronous Data service |
| 354 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_4800_S_1_ur, TSPX_BS_81_4800_S_1_ir, '00'B, TSPX_BS_81_4800_S_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | |
| 355 | [NOT TSPX_BS_81_4800_1_S] | asynchronous Data service |
| 356 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_4800_A_1_strc, '00'B, TSPX_BS_81_4800_A_1_ur, TSPX_BS_81_4800_A_1_ir, TSPX_BS_81_4800_A_1_ce, TSPX_BS_81_4800_A_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | |
| 357 | tree_BS_81_4800_2 [TSPX_BS_81_4800_2_S] | synchronous Data service |
| 358 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_4800_S_2_ur, TSPX_BS_81_4800_S_2_ir, '00'B, TSPX_BS_81_4800_S_2_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | |

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| 359 | [NOT TSPX_BS_81_4800_2_S] | | asynchronous Data service |
| 360 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_4800_A_2_strc, '00'B, TSPX_BS_81_4800_A_2_ur, TSPX_BS_81_4800_A_2_ir, TSPX_BS_81_4800_A_2_ce, TSPX_BS_81_4800_A_2_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| | testBS81_9600 | | |
| 361 | [TSPC_Serv_BS81_9600] | | |
| 362 | (TCV_Bcap1 := Bcap_Speech) | | |
| 363 | +tree_BS_81_9600_1 | | |
| 364 | +check1(C_SpchData_9600) | | |
| 365 | [TSPX_BS81_9600more] | | |
| 366 | +tree_BS_81_9600_2 | | |
| 367 | +check1(C_SpchData_9600) | | |
| 368 | [NOT TSPX_BS81_9600more] | | |
| 369 | [NOT TSPC_Serv_BS81_9600] | | |
| 370 | +tree_BS_81_9600_1 | | |
| 371 | +check2(C_SpchData_9600) | | |
| | tree_BS_81_9600_1 | | |
| 372 | [TSPX_BS_81_9600_1_S] | | synchronous Data service |
| 373 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_9600_S_1_ur, TSPX_BS_81_9600_S_1_ir, '00'B, TSPX_BS_81_9600_S_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 374 | [NOT TSPX_BS_81_9600_1_S] | | asynchronous Data service |
| 375 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_9600_A_1_strc, '00'B, TSPX_BS_81_9600_A_1_ur, TSPX_BS_81_9600_A_1_ir, TSPX_BS_81_9600_A_1_ce, TSPX_BS_81_9600_A_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| | tree_BS_81_9600_2 | | |
| 376 | [TSPX_BS_81_9600_2_S] | | synchronous Data service |
| 377 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_9600_S_2_ur, TSPX_BS_81_9600_S_2_ir, '00'B, TSPX_BS_81_9600_S_2_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 378 | [NOT TSPX_BS_81_9600_2_S] | | asynchronous Data service |
| 379 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_9600_A_2_strc, '00'B, TSPX_BS_81_9600_A_2_ur, TSPX_BS_81_9600_A_2_ir, TSPX_BS_81_9600_A_2_ce, TSPX_BS_81_9600_A_2_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| | check1(srv:IA5String) | | |
| 380 | +preamble | | |
| 381 | L!DL_DatRqSetup | SetupRq_05(TCV_ch, TCV_Setup_mt) | |
| 382 | L?DL_DatInCallCo | CallCfm_01 | (P) |
| 383 | +PostMainLinkRel(TCV_ch) | | |
| 384 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | 5. |

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|---|--|-------------------------------------|-----|----|
| 385 | check2(srv:IA5String) | | | |
| 386 | +preamble | | | |
| 387 | L!DL_DatRqSetup | SetupRq_05(TCV_ch, TCV_Setup_mt) | | |
| 388 | L?DL_DatInRelCmp | RelCmp_05(TI_01) | (P) | |
| 389 | +PostMainLinkRel(TCV_ch) (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | 5. |
| 390 | preamble | | | |
| 391 | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 392 | L!DL_DatRqAuthRq | AuthReq_01(TCV_ch) | | |
| 393 | L?DL_DatInAuthRes (TCV_Sres := DL_DatInAuthRes.msg.sres) (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDDef)) | AuthRes_01 | | |
| 394 | [TCV_Res = FALSE] | | (I) | |
| 395 | +Ciphering_on(TCV_ch) | | | |
| 396 | [TCV_Res = TRUE] | | | |
| 397 | +Ciphering_on(TCV_ch) | | | |
| Detailed Comments: | | | | |
| <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4 channels. 2. If the MS supports TS62 but not TS61, then TS61 is not tested. 3. To test the supported basic service. 4. To test the non-supported basic service. 5. To set the channel back to non-ciphering mode for next test execution. | | | | |

Test Case Dynamic Behaviour

Test Case Name: TC_11_1_2
Group: GSM_L3_MS_v4170/General/
Purpose: 1. To verify that the MS generates a SETUP message which includes a single or multiple Bearer Capability and a single LLC, according to the actual configuration on the MS.

This is verified for all Mobile Originated Bearer Services / Teleservices described in GSM 07.01 and declared as supported by the MS.

2. To verify that the MS includes a correctly encoded Repeat Indicator if it includes multiple Bearer Capabilities in the SETUP message.

Default: OtherEventsFail

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|------|---|----------|
| 1 | | START T_guard(6000) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +testTS11 | | | |
| 7 | | +testTS12 | | | |
| 8 | | +testTS61_2400 | | | |
| 9 | | +testTS61_4800 | | | |
| 10 | | +testTS61_9600 | | | |
| 11 | | +testTS62_2400 | | | |
| 12 | | +testTS62_4800 | | | |
| 13 | | +testTS62_9600 | | | |
| 14 | | +continue | | | |
| | | continue | | | |
| 15 | | +testBS21 | | | |
| 16 | | +testBS22 | | | |
| 17 | | +testBS23 | | | |
| 18 | | +testBS24 | | | |
| 19 | | +testBS25 | | | |
| 20 | | +testBS26 | | | |
| 21 | | +testBS31 | | | |
| 22 | | +testBS32 | | | |
| 23 | | +testBS33 | | | |
| 24 | | +testBS34 | | | |
| 25 | | +testBS41 | | | |
| 26 | | +testBS42 | | | |
| 27 | | +testBS43 | | | |
| 28 | | +testBS44 | | | |
| 29 | | +testBS45 | | | |
| 30 | | +testBS46 | | | |
| 31 | | +testBS51 | | | |
| 32 | | +testBS52 | | | |
| 33 | | +testBS53 | | | |
| 34 | | +continue1 | | | |
| | | continue1 | | | |
| 35 | | +testBS61_300 | | | |
| 36 | | +testBS61_1200 | | | |
| 37 | | +testBS61_120075 | | | |
| 38 | | +testBS61_2400 | | | |
| 39 | | +testBS61_4800 | | | |

40 +testBS61_9600
41 +testBS81_300
42 +testBS81_1200
43 +testBS81_120075
44 +testBS81_2400
45 +testBS81_4800
46 +testBS81_9600

testTS11

47 [TSPC_Serv_TS11]
48 +check(C_Telephony)
49 [NOT TSPC_Serv_TS11]

testTS12

50 [TSPC_Serv_TS12]
51 +check(C_EmgCallsRV)
52 [NOT TSPC_Serv_TS12]

testTS61_2400

53 [TSPC_Serv_TS61_2400]
54 +check(C_AltSpchG3_2400)
55 [NOT TSPC_Serv_TS61_2400]

testTS61_4800

56 [TSPC_Serv_TS61_4800]
57 +check(C_AltSpchG3_4800)
58 [NOT TSPC_Serv_TS61_4800]

testTS61_9600

59 [TSPC_Serv_TS61_9600]
60 +check(C_AltSpchG3_9600)
61 [NOT TSPC_Serv_TS61_9600]

testTS62_2400

62 [TSPC_Serv_TS62_2400]
63 +check(C_AutoG3_T_2400)
64 [NOT TSPC_Serv_TS62_2400]

testTS62_4800

65 [TSPC_Serv_TS62_4800]
66 +check(C_AutoG3_T_4800)
67 [NOT TSPC_Serv_TS62_4800]

testTS62_9600

68 [TSPC_Serv_TS62_9600]
69 +check(C_AutoG3_T_9600)
70 [NOT TSPC_Serv_TS62_9600]

testBS21

71 [TSPC_Serv_BS21]
72 +check(C_300cda)
73 [NOT TSPC_Serv_BS21]

testBS22

74 [TSPC_Serv_BS22]
75 +check(C_1200cda)
76 [NOT TSPC_Serv_BS22]

testBS23

77 [TSPC_Serv_BS23]
78 +check(C_120075cda)
79 [NOT TSPC_Serv_BS23]

testBS24

| | | | | |
|-----|----------------------|--|--|--|
| 80 | [TSPC_Serv_BS24] | | | |
| 81 | +check(C_2400cda) | | | |
| 82 | [NOT TSPC_Serv_BS24] | | | |
| | testBS25 | | | |
| 83 | [TSPC_Serv_BS25] | | | |
| 84 | +check(C_4800cda) | | | |
| 85 | [NOT TSPC_Serv_BS25] | | | |
| | testBS26 | | | |
| 86 | [TSPC_Serv_BS26] | | | |
| 87 | +check(C_9600cda) | | | |
| 88 | [NOT TSPC_Serv_BS26] | | | |
| | testBS31 | | | |
| 89 | [TSPC_Serv_BS31] | | | |
| 90 | +check(C_1200cda) | | | |
| 91 | [NOT TSPC_Serv_BS31] | | | |
| | testBS32 | | | |
| 92 | [TSPC_Serv_BS32] | | | |
| 93 | +check(C_2400cda) | | | |
| 94 | [NOT TSPC_Serv_BS32] | | | |
| | testBS33 | | | |
| 95 | [TSPC_Serv_BS33] | | | |
| 96 | +check(C_4800cda) | | | |
| 97 | [NOT TSPC_Serv_BS33] | | | |
| | testBS34 | | | |
| 98 | [TSPC_Serv_BS34] | | | |
| 99 | +check(C_9600cda) | | | |
| 100 | [NOT TSPC_Serv_BS34] | | | |
| | testBS41 | | | |
| 101 | [TSPC_Serv_BS41] | | | |
| 102 | +check(C_PAD300) | | | |
| 103 | [NOT TSPC_Serv_BS41] | | | |
| | testBS42 | | | |
| 104 | [TSPC_Serv_BS42] | | | |
| 105 | +check(C_PAD1200) | | | |
| 106 | [NOT TSPC_Serv_BS42] | | | |
| | testBS43 | | | |
| 107 | [TSPC_Serv_BS43] | | | |
| 108 | +check(C_PAD120075) | | | |
| 109 | [NOT TSPC_Serv_BS43] | | | |
| | testBS44 | | | |
| 110 | [TSPC_Serv_BS44] | | | |
| 111 | +check(C_PAD2400) | | | |
| 112 | [NOT TSPC_Serv_BS44] | | | |
| | testBS45 | | | |
| 113 | [TSPC_Serv_BS45] | | | |
| 114 | +check(C_PAD4800) | | | |
| 115 | [NOT TSPC_Serv_BS45] | | | |
| | testBS46 | | | |
| 116 | [TSPC_Serv_BS46] | | | |
| 117 | +check(C_PAD9600) | | | |
| 118 | [NOT TSPC_Serv_BS46] | | | |

| | |
|-----|------------------------------|
| 119 | testBS51 |
| 120 | [TSPC_Serv_BS51] |
| 121 | +check(C_Pkt2400) |
| | [NOT TSPC_Serv_BS51] |
| | testBS52 |
| 122 | [TSPC_Serv_BS52] |
| 123 | +check(C_Pkt4800) |
| 124 | [NOT TSPC_Serv_BS52] |
| | testBS53 |
| 125 | [TSPC_Serv_BS53] |
| 126 | +check(C_Pkt9600) |
| 127 | [NOT TSPC_Serv_BS53] |
| | testBS61_300 |
| 128 | [TSPC_Serv_BS61_300] |
| 129 | +check(C_AltSpchData_300) |
| 130 | [NOT TSPC_Serv_BS61_300] |
| | testBS61_1200 |
| 131 | [TSPC_Serv_BS61_1200] |
| 132 | +check(C_AltSpchData_1200) |
| 133 | [NOT TSPC_Serv_BS61_1200] |
| | testBS61_120075 |
| 134 | [TSPC_Serv_BS61_120075] |
| 135 | +check(C_AltSpchData_120075) |
| 136 | [NOT TSPC_Serv_BS61_120075] |
| | testBS61_2400 |
| 137 | [TSPC_Serv_BS61_2400] |
| 138 | +check(C_AltSpchData_2400) |
| 139 | [NOT TSPC_Serv_BS61_2400] |
| | testBS61_4800 |
| 140 | [TSPC_Serv_BS61_4800] |
| 141 | +check(C_AltSpchData_4800) |
| 142 | [NOT TSPC_Serv_BS61_4800] |
| | testBS61_9600 |
| 143 | [TSPC_Serv_BS61_9600] |
| 144 | +check(C_AltSpchData_9600) |
| 145 | [NOT TSPC_Serv_BS61_9600] |
| | testBS81_300 |
| 146 | [TSPC_Serv_BS81_300] |
| 147 | +check(C_SpchData_300) |
| 148 | [NOT TSPC_Serv_BS81_300] |
| | testBS81_1200 |
| 149 | [TSPC_Serv_BS81_1200] |
| 150 | +check(C_SpchData_1200) |
| 151 | [NOT TSPC_Serv_BS81_1200] |
| | testBS81_120075 |
| 152 | [TSPC_Serv_BS81_120075] |
| 153 | +check(C_SpchData_120075) |
| 154 | [NOT TSPC_Serv_BS81_120075] |
| | testBS81_2400 |
| 155 | [TSPC_Serv_BS81_2400] |
| 156 | +check(C_SpchData_2400) |
| 157 | [NOT TSPC_Serv_BS81_2400] |

| | | | |
|-----|--|--------------------|-------------------------|
| 158 | testBS81_4800 | | |
| 159 | [TSPC_Serv_BS81_4800] | | |
| 160 | +check(C_SpchData_4800) | | |
| 161 | [NOT TSPC_Serv_BS81_4800] | | |
| 162 | testBS81_9600 | | |
| 163 | [TSPC_Serv_BS81_9600] | | |
| 164 | +check(srv:IA5String) | | |
| 165 | +InitCall(srv) | | |
| 166 | +BasicServiceMO(srv, C_Full) | ChReq_17 | |
| 167 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | | To match ChReq retrans. |
| 168 | ACTIVATE(OtherEventsFail_02) | ImmAss_01Def(TCV_ | |
| | LIDL_UdatRqlmass | agch, TCV_Rr, | |
| | | TCV_Fn, TCV_slot, | |
| | | TCV_tsc, | |
| | | TCV_chdescr_arfcn, | |
| | | TimingAdv_01) | |
| 169 | L?DL_EstInCmsRq | CmserReq_01 | |
| 170 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 171 | +Authentication(TCV_ch, TCV_cksn) | | |
| 172 | +Ciphering_on(TCV_ch) | | |
| 173 | +ltree_receive_setup(srv) | | |
| 174 | +PostMainLinkRel(TCV_ch) | | |
| 175 | (TCV_Null := | | |
| | OM_CphMd(TCV_ch, | | |
| | CphMod_02, TCV_CphKey)) | | |
| 176 | [TCV_Res] | (P) | |
| 177 | [NOT TCV_Res] | (F) | |
| 178 | ltree_receive_setup(srv:IA5String) | | |
| 179 | [srv = C_Telephony] | SetupIn_TS_11_12 | |
| 180 | L?DL_DatInSetup (TCV_Setup_mo := | | |
| 181 | DL_DatInSetup.msg) | SetupIn_TS_11_12 | |
| 182 | [srv = C_AltSpchG3_2400] | | |
| 183 | L?DL_DatInSetup (TCV_Setup_mo := | SetupIn_TS_61_2400 | |
| 184 | DL_DatInSetup.msg) | | |
| 185 | [srv = C_AltSpchG3_4800] | SetupIn_TS_61_4800 | |
| 186 | L?DL_DatInSetup (TCV_Setup_mo := | | |
| 187 | DL_DatInSetup.msg) | SetupIn_TS_61_9600 | |
| 188 | [srv = C_AutoG3_T_2400] | | |
| 189 | L?DL_DatInSetup (TCV_Setup_mo := | SetupIn_TS_62_2400 | |
| 190 | DL_DatInSetup.msg) | | |
| 191 | [srv = C_AutoG3_T_4800] | SetupIn_TS_62_4800 | |
| 192 | L?DL_DatInSetup (TCV_Setup_mo := | | |
| 193 | DL_DatInSetup.msg) | SetupIn_TS_62_9600 | |
| 194 | [srv = C_300cda] | | |
| 195 | L?DL_DatInSetup (TCV_Setup_mo := | SetupIn_BS_21 | |
| 196 | DL_DatInSetup.msg) | | |
| 197 | [srv = C_1200cda] | SetupIn_BS_22 | |
| 198 | L?DL_DatInSetup (TCV_Setup_mo := | | |
| 199 | DL_DatInSetup.msg) | SetupIn_BS_23 | |

| | | |
|-----|--|--------------------------|
| | DL_DatInSetup.msg) | |
| 200 | [srv = C_2400cda] | |
| 201 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_24 |
| 202 | [srv = C_4800cda] | |
| 203 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_25 |
| 204 | [srv = C_9600cda] | |
| 205 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_26 |
| 206 | [srv = C_1200cda] | |
| 207 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_31 |
| 208 | [srv = C_2400cda] | |
| 209 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_32 |
| 210 | [srv = C_4800cda] | |
| 211 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_33 |
| 212 | [srv = C_9600cda] | |
| 213 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_34 |
| 214 | [srv = C_PAD300] | |
| 215 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_41 |
| 216 | [srv = C_PAD1200] | |
| 217 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_42 |
| 218 | [srv = C_PAD120075] | |
| 219 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_43 |
| 220 | [srv = C_PAD2400] | |
| 221 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_44 |
| 222 | [srv = C_PAD4800] | |
| 223 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_45 |
| 224 | [srv = C_PAD9600] | |
| 225 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_46 |
| 226 | [srv = C_Pkt2400] | |
| 227 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_51 |
| 228 | [srv = C_Pkt4800] | |
| 229 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_52 |
| 230 | [srv = C_Pkt9600] | |
| 231 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_53 |
| 232 | [srv = C_AltSpchData_300] | |
| 233 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_61_300 |
| 234 | [srv = C_AltSpchData_1200] | |
| 235 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_61_1200 |
| 236 | [srv = C_AltSpchData_120075] | |
| 237 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_61_1200 75 |
| 238 | [srv = C_AltSpchData_2400] | |
| 239 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_61_2400 |
| 240 | [srv = C_AltSpchData_4800] | |
| 241 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_61_4800 |
| 242 | [srv = C_AltSpchData_9600] | |
| 243 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_61_9600 |
| 244 | [srv = C_SpchData_300] | |
| 245 | L?DL_DatInSetup (TCV_Setup_mo := | SetupIn_BS_81_300 |

| | | | |
|---------------------------|--|--------------------------|--|
| | DL_DatInSetup.msg) | | |
| 246 | [srv = C_SpchData_1200] | | |
| 247 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_81_1200 | |
| 248 | [srv = C_SpchData_120075] | | |
| 249 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_81_1200 75 | |
| 250 | [srv = C_SpchData_2400] | | |
| 251 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_81_2400 | |
| 252 | [srv = C_SpchData_4800] | | |
| 253 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_81_4800 | |
| 254 | [srv = C_SpchData_9600] | | |
| 255 | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupIn_BS_81_9600 | |
| Detailed Comments: | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--------------------|-----|----------|
| Test Case Name: | | TC_11_2 | | | |
| Group: | | GSM_L3_MS_v4170/General/ | | | |
| Purpose: | | <p>1. To verify that the MS, for the case of the Single Numbering Scheme, accepts a SETUP message, where the Information Elements for Bearer Capability and Lower and Higher Layer Compatibility are not present by sending a CALL CONFIRMED message which includes the single or multiple Bearer Capabilities, according to the actual configuration on the MS.</p> <p>This is verified for one Mobile Terminated Bearer Services / Teleservices described in GSM 07.01 and declared as supported by the MS.</p> <p>2. To verify that the MS includes a correctly encoded Repeat Indicator if it includes multiple Bearer Capabilities in the CALL CONFIRMED message.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | (TCV_Null := OO_IFsetup(TSPX_BscSvc)) | | | 2. |
| 7 | | +preamble | | | |
| 8 | | LIDL_DatRqSetup | SetupRq_03(TCV_ch) | | 3. |
| 9 | | L?DL_DatInCallCo (TCV_CallCfm := DL_DatInCallCo.msg) | CallCfm_01 | | |
| 10 | | (TCV_Res := OC_CallComfVerify(TCV_CallCfm, TSPX_BscSvc)) | | | 4. |
| 11 | | [TCV_Res] | | (P) | |
| 12 | | [NOT TCV_Res] | | (F) | |
| preamble | | | | | |
| 13 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 14 | | LIDL_DatRqAuthRq | AuthReq_01(TCV_ch) | | |
| 15 | | L?DL_DatInAuthRes (TCV_Sres := DL_DatInAuthRes.msg.sres) | AuthRes_01 | | |
| 16 | | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDDef)) | | | |
| 17 | | [TCV_Res = FALSE] | | (I) | |
| 18 | | +Cipherring_on(TCV_ch) | | | |
| 19 | | [TCV_Res = TRUE] | | | |
| 20 | | +Cipherring_on(TCV_ch) | | | |
| Detailed Comments: | | <p>1. To setup physical channel for BCCH, CCCH and SDCCH4 channels.</p> <p>2. To ask operator to configure the MS for required basic service.</p> <p>3. To send a SETUP_PDU without bearer capabilities and lower and higher layer compatibilities.</p> <p>4. To check whether the received CALL COMFIRM PDU is correct.</p> | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_11_3 |
| Group: | GSM_L3_MS_v4170/General/ |
| Purpose: | <p>1. To verify that an MS claiming to not support AOCC and in the outgoing call / U4 call delivered state, on receipt of a CONNECT message containing AOCC information acknowledges the CONNECT message but ignores and does not acknowledge the AOCC information sent within the CONNECT.</p> <p>2. To verify that an MS claiming to not support AOCC and in the outgoing call / U4 call delivered state, on receipt of a FACILITY message containing AOCC information ignores and does not acknowledge the AOCC information contained within the FACILITY.</p> <p>3. To verify that an MS claiming to not support AOCC and in the incoming call / U9 call confirmed state, on receipt of a FACILITY message containing AOCC information ignores and does not acknowledge the AOCC information contained within the FACILITY.</p> <p>4. To verify that an MS claiming to not support AOCC and in the U10 call active state, on receipt of a FACILITY message containing AOCC information ignores and does not acknowledge the AOCC information contained within the FACILITY.</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|--|----|-------------------------|
| 1 | | START T_guard(600) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_03(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +test1 | | 2. | |
| 8 | | +test2 | | 3. | |
| 9 | | +test3 | | 4. | |
| 10 | | +test4 | | 5. | |
| | | test1 | | | |
| 11 | | +AttmpFullRateCall | | | |
| 12 | | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 13 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | | |
| 14 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 15 | | !IDL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 16 | | L?DL_EstInCmsRq | CmsrReq_01 | | |
| 17 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 18 | | +Authentication(TCV_ch, TSPX_CKSNDf) | | | |
| 19 | | +Cipherng_on(TCV_ch) | | | |
| 20 | | +SetupRcvMo(SetupInd_01) | | | |
| 21 | | !IDL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 22 | | !IDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 23 | | +asstrafch | | | |
| 24 | | !IDL_DatRqConn START T_dly(15000) | Conn_03(TCV_chTch, Connect_05) | | |

| | | | |
|----|--|--|-------------------------|
| 25 | L?DL_DatInConnAck | TCV_TI, facilityIEsndie(FwdCharg_01))) ConnAckRcv_01(TCV _TI0) | |
| 26 | L?DL_DatInFac CANCEL T_dly | Facility_04(TCV_TI0) | (F) |
| 27 | +release | | |
| 28 | ?TIMEOUT T_dly | | (P) |
| 29 | +release | | |
| 30 | L?DL_DatInFac CANCEL T_dly | Facility_04(TCV_TI0) | (F) |
| 31 | +release | | |
| 32 | ?TIMEOUT T_dly | | (P) |
| 33 | +release | | |
| | test2 | | |
| 34 | +AttmpFullRateCall | | |
| 35 | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | |
| 36 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | |
| 37 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 38 | LIDL_UdatRqImm | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 39 | L?DL_EstInCmsRq | CmsReq_01 | |
| 40 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 41 | +Authentication(TCV_ch, TSPX_CKSNDf) | | |
| 42 | +Cipherring_on(TCV_ch) | | |
| 43 | +SetupRcvMo(SetupInd_01) | | |
| 44 | LIDL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | |
| 45 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | |
| 46 | +asstrafch | | |
| 47 | LIDL_DatRqFac START T_dly(15000) | FacilityRq_07(TCV_c hTch, FacilityPdu_25(TCV_TI, facilityIEsnd(FwdCharg_01))) | |
| 48 | L?DL_DatInFac CANCEL T_dly | Facility_04(TCV_TI0) | (F) |
| 49 | +release | | |
| 50 | ?TIMEOUT T_dly | | (P) |
| 51 | +release | | |
| | test3 | | |
| 52 | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChR ateA,TSPX_MT_ImmConnA) | | |
| 53 | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | |
| 54 | +Authentication(TCV_ch, TSPX_CKSNDf) | | |
| 55 | +Cipherring_on(TCV_ch) | | |
| 56 | LIDL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupSnd(TCV_ch, TCV_Setup_mt) | |
| 57 | L?DL_DatInCallCo | CallCfm_01 | |
| 58 | LIDL_DatRqFac START T_dly(15000) | FacilityRq_07(TCV_c hTch, FacilityPdu_25(TI_02, facilityIEsnd(FwdCharg_01))) | |
| 59 | L?DL_DatInFac CANCEL T_dly | Facility_04(TI_01) | (F) |
| 60 | +release | | |
| 61 | ?TIMEOUT T_dly | | (P) |
| 62 | +release | | |

| | | | |
|----|---|--|-----|
| | test4 | | |
| 63 | (TCV_cksn := TSPX_CKSNDf) | | |
| 64 | +EstMsOrigFullRateCall(TimingAdv_01) | | |
| 65 | LIDL_DatRqFac START T_dly(15000) | FacilityRq_07(TCV_chTch, FacilityPdu_25(TCV_TI, facilityIEsnd(FwdCharg_01))) | |
| 66 | L?DL_DatInFac CANCEL T_dly | Facility_04(TCV_TI0) | (F) |
| 67 | +PostMainLinkRel(TCV_chTch) | | |
| 68 | ?TIMEOUT T_dly | | (P) |
| 69 | +PostMainLinkRel(TCV_chTch) | | |
| | release | | |
| 70 | +PostMainLinkRel(TCV_chTch) | | |
| 71 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | |
| | asstrafch | | |
| 72 | +AssCmdGenMO(C_Full) | | |
| 73 | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | |

Detailed Comments:

1. To setup physical channels for BCCH, CCCH, SDCCH4 and full rate traffic channels.
2. To verify non-supported AOCC information carried by CONNECT message in the case of MO call state U4.
3. To verify non-supported AOCC information carried by FACILITY message in the case of MO call state U4.
4. To verify non-supported AOCC information carried by FACILITY message in the case of MT call state U9.
5. To verify non-supported AOCC information carried by FACILITY message in the case of MO call state U10.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------------------|-----|----------|
| Test Case Name: | | TC_11_4 | | | |
| Group: | | GSM_L3_MS_v4170/General/ | | | |
| Purpose: | | To verify that an MS claiming to not support the Call Hold supplementary service and in the U10 call active state, reacts in the following manner when the appropriate call hold MMI command is entered: <ul style="list-style-type: none"> - MS fails to put the first call on hold - MS fails to place the second call. - Optionally provides some indication to the user of an error. | | | |
| Default: | | OtherEvents_01 | | | |
| Comments: | | other irrelevant messages will be discarded by the default tree. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | | 2. |
| 8 | | (TCV_Null := OO_CallHold()) | | | 3. |
| 9 | | START T_dly(3000) | | | |
| 10 | | L?DL_DatInHold CANCEL T_dly | Hold_01(TCV_T10) | (F) | 4. |
| 11 | | +PostMainLinkRel(TCV_chTch) | | | |
| 12 | | ?TIMEOUT T_dly | | (P) | 5. |
| 13 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup physical channels for BCCH, CCCH, SDCCH4 and full rate traffic channels. 2. To bring the MS into U10 state of mobile originating call. 3. To enter hold MMI command. 4. The MS sends out HOLD message, fail. 5. Within 3 seconds there is no HOLD message, pass. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_11_5 | | | |
| Group: | | GSM_L3_MS_v4170/General/ | | | |
| Purpose: | | To verify that an MS claiming to not support the MultiParty supplementary service and in the U10 call active state with one call and another call on hold, reacts in the following manner when the appropriate MultiParty MMI command is entered: - Fails to combine the three parties in a MultiParty call. - Optionally provides some indication to the user of an error. | | | |
| Default: | | OtherEvents_01 | | | |
| Comments: | | other irrelevant messages will be discarded by the default tree. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDDef) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | | 2. |
| 8 | | (TCV_Null := OO_CallHold()) | | | |
| 9 | | L?DL_DatInHold | Hold_01(TCV_TI0) | | |
| 10 | | LIDL_DatRqHoldAck | HoldAck_01(TCV_TI, TCV_chTch) | | |
| 11 | | L?DL_DatInCmsRq | CmserDatReq_01 | | |
| 12 | | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_chTch) | | |
| 13 | | +SetupRcvMo2(SetupInd_01) | | | |
| 14 | | +continue | | | |
| | | continue | | | |
| 15 | | LIDL_DatRqCallProc | CallProc(TCV_chTch, TCV_CallProc) | | |
| 16 | | LIDL_DatRqAlert | Alert_01(TCV_TI2, TCV_chTch) | | |
| 17 | | LIDL_DatRqConn | Conn_01(TCV_TI2, TCV_chTch) | | |
| 18 | | L?DL_DatInConnAck | ConnAckRcv_01(TCV_TI1) | | 3. |
| 19 | | (TCV_Null := OO_MptyCall()) | | | 4. |
| 20 | | START T_dly(3000) | | | |
| 21 | | L?DL_DatInFac CANCEL T_dly | Facility_03(FacilityPdu_04(TCV_TI0, TCV_TI1, facilityErcv(BldMptySS_01))) | (F) | 5. |
| 22 | | +PostMainLinkRel(TCV_chTch) | | | |
| 23 | | ?TIMEOUT T_dly | | (P) | 6. |
| 24 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To setup physical channels for BCCH, CCCH, SDCCH4 and full rate traffic channels. 2. To bring the MS into U10 state of mobile originating call. 3. The first call is on hold and second call is in active state. 4. To enter MultiParty MMI command. 5. The MS sends out FACILITY message, fail. 6. Within 3 seconds there is no FACILITY message, pass. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_11_6 | | | |
| Group: | | GSM_L3_MS_v4170/General/ | | | |
| Purpose: | | <p>1. To verify that an MS claiming to not support FDN and that has a SIM with FDN allocated and activated inserted in it refuses an attempt to make an outgoing call made by the user.</p> <p>2. To verify that an MS claiming to not support FDN and that has a SIM with FDN allocated and activated inserted in it does not answer to paging.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | | (TCV_Null := OO_SIM3Ins()) | | | 2. |
| 8 | | +AttmpCall | | | 3. |
| 9 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 10 | | START T_dly(3000) | | | |
| 11 | | L?DL_RaInChRq CANCEL T_dly | ChReq_02 | (F) | |
| 12 | | START T_dly(C_T_Wait) | | | 4. |
| 13 | | ?TIMEOUT T_dly | | | |
| 14 | | +continue | | | |
| 15 | | ?TIMEOUT T_dly | | (P) | |
| 16 | | +continue | | | |
| 17 | | continue LIDL_UdatRqPg1Rq (DL_UdatRqPg1Rq.pgg := TCV_Pgg) | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | 5. |
| 18 | | START T_dly(3000) | | | |
| 19 | | L?DL_RaInChRq CANCEL T_dly | ChReq_02 | (F) | |
| 20 | | ?TIMEOUT T_dly | | (P) | 6. |
| Detailed Comments: | | <p>1. To setup a physical channel as BCCH, CCCH and SDCCH4.</p> <p>2. To insert the SIM with FDN allocated and activated, the power on the MS.</p> <p>3. To attempt an outgoing CM connection.</p> <p>4. To wait the MS back to idle.</p> <p>5. To page the MS.</p> <p>6. No CHANNEL REQUEST, pass</p> | | | |

Test Group InitialTest

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_2_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/InitialTest/ | | | |
| Purpose: | | <p>1) To verify that the MS answers to a PAGING message by sending a CHANNEL REQUEST message within 0.7 seconds after reception of the PAGING message.</p> <p>2) To verify that the MS does not always use the same delay between reception of paging message and sending of the CHANNEL REQUEST message. If an MS uses a fixed delay, there is a high probability that different MSs of the same product series use the same delay. There would then be a high risk of collision.</p> | | | |
| Default: | | OtherEventsFail_01 | | | |
| Comments: | | The default tree OtherEventsFail_01 throws away any possible retransmitted channel request messages. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(1800) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | [TSPX_CcchConf1 = '000'B] | | | |
| 5 | | +PreEnterIdleState_02(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, TSPX_CcchConf1, '011'B, '00'O) | | | |
| 6 | | (TCV_Upd := C_NotCombined) | | | |
| 7 | | +localtree | | | |
| 8 | | [TSPX_CcchConf1 = '001'B] | | | |
| 9 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, TSPX_CcchConf1, '011'B, '00'O) | | | |
| 10 | | (TCV_Upd := C_Combined) | | | |
| 11 | | +localtree | | | |
| | | localtree | | | |
| 12 | | (TCV_Cnt := 0) | | | |
| 13 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 14 | body | REPEAT localtree1 UNTIL [TCV_Cnt = 200] | | | |
| 15 | | (TCV_Res := OC_SaveAndProc1(TCV_Fk, C_PROC, TCV_Cnt, TCV_Upd)) | | | 1. |
| 16 | | [TCV_Res = FALSE] | | (F) | 2. |
| 17 | | [TCV_Res = TRUE] | | (P) | |
| | | localtree1 | | | |
| 18 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 19 | | (TCV_Fn1 := OM_ReturnFn(TCV_PgCh)) | | | 3. |
| 20 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) START T_dly(C_T_Wait) | ChReq_01 | | |
| 21 | | (TCV_Fk := OC_RachSlots(TCV_Fn1, TCV_Fn, TCV_Upd, 0)) | | | 4. |
| 22 | | [TCV_Fk < -9990] | | (F) | 7. |
| 23 | | (TCV_Cnt := 200) | | | |
| 24 | | CANCEL T_dly | | | |
| 25 | | [TCV_Fk >= 0] | | | |
| 26 | | (TCV_Res := OC_SaveAndProc1(TCV_Fk, C_SAVE, TCV_Cnt, TCV_Upd)) | | | 5. |
| 27 | | [TCV_Res = FALSE] | | (F) | 6. |
| 28 | | (TCV_Cnt := 200) | | | |
| 29 | | CANCEL T_dly | | | |
| 30 | | [TCV_Res = TRUE] | | (P) | |
| 31 | | L!DL_UdatRqImmRej (TCV_Cnt := TCV_Cnt+1) | ImmAssRej_01(TCV_agch, TCV_Rr, | | |

| | | | |
|---|----------------|---------|--|
| 32 | ?TIMEOUT T_dly | TCV_Fn) | |
| Detailed Comments: <ol style="list-style-type: none">1. To analyse the delay of channel request msg.2. The channel request messages are not spread equally.3. To get the frame number on which paging request was sent.4. To calculate the rach slots between paging request and channel request.5. To record the delay of channel request msg.6. MS is too slow to answer a paging msg.7. Rach TDMA frame mapping is not correct. | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_26_2_1_2 |
| Group: | GSM_L3_MS_v4170/InitialTest/ |
| Purpose: | <p>1) To verify that the MS spreads retransmission of a CHANNEL REQUEST message with equal probability on Tx-Integer time slots and correctly applies the fixed delay when the following conditions apply:</p> <ul style="list-style-type: none"> - the CCCH is combined or not combined with SDCCHs; - the maximum number of retransmissions is equal to one of the following values: 1, 2, 4, 7, according to the value of TSPX_MaxRetrans. - Tx-Integer is put to any of the allowed values among those which are greater or equal to 6, according to the value of TSPX_Txint. <p>2) To verify that the MS retransmits exactly Max_Retrans times a CHANNEL REQUEST message if the network never responds to the CHANNEL REQUEST message.</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|-----|----------|
| 1 | | (TCV_K := ((230 + TSPX_MaxRetrans-1) / TSPX_MaxRetrans), TCV_T := 10 + ((C_T_Wait/1000) + 1), TCV_T := (TCV_T * TCV_K) * 2) | | | 1. |
| 2 | | START T_guard(TCV_T) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | body | (TCV_S := OC_LookupS(TSPX_Txint, C_Combined), TCV_slot := C_S0, TCV_tsc := C_BCC, TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | 2. |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, TSPX_Txint, TSPX_MaxRetrans, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +localtree(C_Combined) | | | |
| 8 | | (TCV_S := OC_LookupS(TSPX_Txint, C_NotCombined), TCV_slot := C_S0, TCV_tsc := C_BCC) | | | 2. |
| 9 | | +PreEnterIdleState_02(C_Immass, TCV_slot, TCV_tsc, TSPX_Txint, TSPX_MaxRetrans, 0, TimingAdv_01, '000'B, '000'B, '011'B, '00'O) | | | |
| 10 | | +localtree(C_NotCombined) | | | |
| 11 | | localtree(mode: BOOLEAN) (TCV_kcnt := 0, TCV_M := 0) | | | |
| 12 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 13 | | REPEAT localtree1(mode) UNTIL [TCV_kcnt = TCV_K] | | | |
| 14 | | (TCV_Res := OC_InRang(TSPX_Txint, TSPX_MaxRetrans, TCV_M)) | | | |
| 15 | | [TCV_Res = TRUE] | | (P) | |
| 16 | | [TCV_Res = FALSE] | | (F) | |
| 17 | | localtree1(mode: BOOLEAN) L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | 3. |
| 18 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn1 := DL_RaInChRq.fn) | ChReq_01 | | |
| 19 | | (TCV_Cnt := 0) | | | |
| 20 | | REPEAT localtree2(mode) UNTIL [TCV_Cnt = TSPX_MaxRetrans] | | | |
| 21 | | +localtree3 | | | |
| 22 | | ?TIMEOUT T_dly | | | |
| 23 | | (TCV_kcnt := TCV_kcnt + 1) | | | |

| | | | | |
|--|--|---|-----|----|
| 24 | localtree2(mode: BOOLEAN) | | | |
| 25 | CANCEL T_dly L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) START T_dly(C_T_Wait) | ChReq_01 | | |
| 26 | (TCV_Fk := OC_RachSlots(TCV_Fn1, TCV_Fn, mode, 1), TCV_Fn1 := TCV_Fn, TCV_Cnt := TCV_Cnt+1) | | | 4. |
| 27 | [(TCV_Fk >= TCV_S) AND (TCV_Fk <= (TCV_S+TSPX_Txint- 1))] | | (P) | 5. |
| 28 | [TCV_Fk >= (TCV_S +(TSPX_Txint + 1) / 2)] | | | |
| 29 | (TCV_M := TCV_M + 1) | | | |
| 30 | [TCV_Fk <(TCV_S +(TSPX_Txint + 1) / 2)] | | | |
| 31 | [(TCV_Fk < TCV_S) OR(TCV_Fk >(TCV_S+TSPX_Txint - 1))] | | (F) | 6. |
| 32 | localtree3 [TCV_kcnt = TCV_K] | | (P) | |
| 33 | [TCV_kcnt < TCV_K] | | | |
| 34 | L!DL_UdatRqImmRej | ImmAssRej_02(TCV_ agch, TCV_Rr, TCV_Fn) | | |
| Detailed Comments: | | | | |
| <ol style="list-style-type: none"> 1. To setup the timeout value for guard timer, each execution of one sequence= 10s. 2. To generate the required parameters. 3. To start the measuring. 4. To get the number of the CCCH RACH slots between the moment where the last CHANNEL REQUEST received and the reception of the new CHANNEL REQUEST. 5. The f(i, k) is in the set {S, S+1, ...S+T-1}. 6. The f(i, k) is not in the set {S, S+1, ...S+T-1}, fail. | | | | |

| Test Case Dynamic Behaviour | | | | | | |
|-----------------------------|-------|--|------|--|----------|----|
| Test Case Name: | | TC_26_2_1_3 | | | | |
| Group: | | GSM_L3_MS_v4170/InitialTest/ | | | | |
| Purpose: | | To verify that an MS produces different random references for a CHANNEL REQUEST. If a MS always produces the same random reference, it makes possible that different MSs of the same product series produce the same random reference. | | | | |
| Default: | | OtherEventsFail | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments | |
| 1 | body | START T_guard(360) | | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | | |
| 4 | | +PreEnterIdleState_02(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '000'B, '011'B, '00'O) | | | | |
| 5 | | (TCV_Cnt := 0) | | | | |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | | |
| 7 | | REPEAT localtree UNTIL [TCV_Cnt = 7] | | | | |
| 8 | | (TCV_Res := OC_SaveAndProc3(TCV_Rr, C_PROC, TCV_Cnt)) | | | 1. | |
| 9 | | [TCV_Res = TRUE] | | | P | |
| 10 | | [TCV_Res = FALSE] | | | F 2. | |
| 11 | | localtree L!DL_UdatRqPg1Rq | | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 12 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf) | | ChReq_01 | | |
| 13 | | (TCV_Null := OC_SaveAndProc3(TCV_Rr, C_SAVE, TCV_Cnt)) | | | | 3. |
| 14 | | L?DL_RaInChRq | | ChReq_01 | | 4. |
| 15 | | START T_dly(C_T_Wait) | | | | 5. |
| 16 | | (TCV_Cnt := TCV_Cnt+1) | | | | |
| 17 | | ?TIMEOUT T_dly | | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To analyse the distribution of the random references. 2. The random references are not randomly distributed. 3. To record the random reference. 4. The MS retransmits the channel request once more. 5. To wait long enough to guarantee that the MS is in service. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/InitialTest/ | | | |
| Purpose: | | 1) To verify that the MS correctly performs IMSI detach/attach procedures when it is required by the network and upon deactivation/activation or SIM removal/insertion and does not perform these procedures when not required. 2) To verify that the mobile station acknowledges a re-allocated TMSI during IMSI attach. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | body | +procedure1 | | | |
| 7 | | +procedure2 | | | |
| 8 | | +SetATT(5, 1, 1, 0, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 9 | | +procedures3 | | | |
| 10 | | +procedures4 | | | |
| | | procedure1 | | | |
| 11 | | +ImsiDetachNoReaction(5000, C_SIMIn) | | | 2. |
| 12 | | +ImsiAttachNoReaction(30000, C_SIMIn) | | | 4. |
| | | procedure2 | | | |
| 13 | | [TSPC_SIMRmv = TRUE] | | | |
| 14 | | (TCV_Null := OO_SIMRmv()) | | | 6. |
| 15 | | +NoReaction(5000) | | | 3. |
| 16 | | (TCV_Null := OO_SIMIns()) | | | 7. |
| 17 | | +NoReaction(30000) | | | 5. |
| 18 | | [TSPC_SIMRmv = FALSE] | | | |
| | | procedures3 | | | |
| 19 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 20 | | [(TSPC_DetachOnPwrDn = TRUE) OR (TSPC_SwitchOnOff = TRUE)] | | | |
| 21 | | +imsidetach | | | |
| 22 | | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 23 | | +locup(MiTmsi_02iei) | | | |
| 24 | | [(TSPC_DetachOnPwrDn = FALSE) AND (TSPC_SwitchOnOff =FALSE)] | | | |
| 25 | | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 26 | | +locup(MiTmsi_02iei) | | | |
| | | procedures4 | | | |
| 27 | | [(TSPC_SIMRmv = TRUE) AND (TSPC_DetachOnSIMRmv = TRUE)] | | | |
| 28 | | (TCV_Null := OO_SIMRmv()) | | | |
| 29 | | +imsidetach | | | |
| 30 | | (TCV_Null := OO_SIMIns()) | | | |
| 31 | | +locup(MiTmsi_01iei) | | | |
| 32 | | [(TSPC_SIMRmv = FALSE) AND (TSPC_DetachOnPwrDn = TRUE)] | | | |
| 33 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 34 | | +imsidetach | | | |
| 35 | | +MM_PwrOrSimOn(C_SIMIn) | | | |

| | | | | |
|----|---|--|-----|-------------------------|
| 36 | +locup(MiTmsi_01iei) | | | |
| 37 | [[((TSPC_SIMRmv = FALSE) AND (TSPC_DetachOnPwrDn = FALSE)) OR ((TSPC_DetachOnSIMRmv = FALSE) AND (TSPC_SIMRmv = TRUE)) OR ((TSPC_DetachOnSIMRmv = FALSE) AND (TSPC_DetachOnPwrDn = FALSE))]] | | | |
| 38 | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 39 | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 40 | +locup(MiTmsi_01iei) | | | |
| | activitychk(t: INTEGER) | | | |
| 41 | START T_dly(t) | | | |
| 42 | ?TIMEOUT T_dly | | (P) | |
| | locup(newmi:MI) | | | |
| 43 | +channelrequest | | | |
| 44 | L?DL_EstInLupRq | LocUp_01(TCV_ch, C_imsi_attach) | | 9. |
| 45 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 46 | LIDL_DatRqLupAcp | LocAcp_30(newmi, TCV_ch, TCV_lac) | | 10. |
| 47 | L?DL_DatInTmsireCom | TmsiReallocCmp_01 | (P) | |
| 48 | +channelrelease | | | |
| | imsidetach | | | |
| 49 | +channelrequest | | | |
| 50 | L?DL_EstInmsidIn | ImsiDet_01 | (P) | 8. |
| 51 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 52 | +channelrelease | | | |
| | channelrequest | | | |
| 53 | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_02 | | |
| 54 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 55 | LIDL_UdatRqImmss | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| | channelrelease | | | |
| 56 | L!DL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 57 | L?DL_Relln | DLRelInd_01 | | |

Detailed Comments:

1. To set ATT = 1 for procedures3 and procedures4.
2. To switch off or power down the MS.
3. The test system checks for 5 seconds that MS shall not initiate the IMSI detach procedure.
4. To switch on or power up the MS.
5. The test system checks for 30 seconds that MS shall not initiate the IMSI attach procedure.
6. If possible to remove the SIM.
7. To insert the SIM to the MS under test.
8. The MS initiate IMSI detach procedure.
9. The location updating type shall be IMSI attach
10. To allocate a new TMSI.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_26_2_3 | | | |
| Group: | | GSM_L3_MS_v4170/InitialTest/ | | | |
| Purpose: | | To verify that V(SD) is correctly set to 0 at the beginning of the establishment of the first RR connection and to verify that the MS handles correctly this variable in the special case of IDENTITY REQUEST messages, which are MM messages. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | TMSI paging ... |
| 8 | | L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq.msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq_01 | | |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 10 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 11 | | L?DL_EstInPgRes | PgRes_01 | | |
| 12 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 13 | | LIDL_DatRqldRq | IDReq(TCV_ch, IDRequest_01('0001'B)) | | |
| 14 | | L?DL_DatInIdRes (TCV_Mt := DL_DatInIdRes.msg.mt) | IDRes_01 | | |
| 15 | | +check1 | | | 1. |
| 16 | | (TCV_Cnt := 0) | | | |
| 17 | | REPEAT localtree UNTIL [TCV_Cnt = 5] | | | |
| 18 | | LIDL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 19 | | +WaitMainLinkDown | | | 3. |
| 20 | | localtree LIDL_DatRqldRq | IDReq(TCV_ch, IDRequest_01('0001'B)) | | |
| 21 | | L?DL_DatInIdRes (TCV_Mt := DL_DatInIdRes.msg.mt) | IDRes_01 | | |
| 22 | | +check2 | | | |
| 23 | | LIDL_DatRqldRq | IDReq(TCV_ch, IDRequest_01('0001'B)) | | |
| 24 | | L?DL_DatInIdRes (TCV_Mt := DL_DatInIdRes.msg.mt) | IDRes_01 | | |
| 25 | | [OC_Bit7(TCV_Mt) = '0'B] | | (P) | 1. |
| 26 | | (TCV_Cnt := TCV_Cnt+1) | | | |
| 27 | | [OC_Bit7(TCV_Mt) = '1'B] | | (F) | |
| 28 | | (TCV_Cnt := TCV_Cnt+1) | | | |
| | | check1 | | | |

| | | | |
|--|--------------------------|-----|----|
| 29 | [OC_Bit7(TCV_Mt) = '1'B] | (F) | |
| 30 | [OC_Bit7(TCV_Mt) = '0'B] | (P) | |
| | check2 | | |
| 31 | [OC_Bit7(TCV_Mt) = '0'B] | (F) | |
| 32 | [OC_Bit7(TCV_Mt) = '1'B] | (P) | 2. |
| Detailed Comments: 1. The N(SD) shall be 0. 2. The N(SD) shall be 1. 3. The test system waits the disconnection of the main signalling link. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_2_4_1 | | | |
| Group: | | GSM_L3_MS_v4170/InitialTest/ | | | |
| Purpose: | | To verify that the establishment cause sent by the MS in the Max-Retrans+1 CHANNEL REQUEST messages is consistent with the requested service, with the capabilities of the MS and with the indications of the network in the following case: If the MS supports a service on a traffic channel: when the NECI bit is set to 0 and call re-establishment is attempted and the call was established on TCH/H if the MS supports a service on half rate channel or on TCH/F otherwise. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | body | [TSPC_FullRateOnly = TRUE] | | | |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +EstMsOrigFullRateCall(TimingAdv_01) | | | 1. |
| 9 | | (TCV_Null := OM_Deactivate(TCV_chTch, TCV_sacchTch)) | | | 3. |
| 10 | | +localtree | | | |
| 11 | | [TSPC_DualRate = TRUE] | | | |
| 12 | | +HalfRateCh_A_1(TSPX_TCHHSubDef, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 13 | | +EstMsOrigHalfRateCall(TimingAdv_01) | | | 2. |
| 14 | | (TCV_Null := OM_Deactivate(TCV_chTch, TCV_sacchTch)) | | | 3. |
| 15 | | +localtree | | | |
| 16 | | localtree (TCV_Cnt := 0) | | | |
| 17 | | REPEAT localtree1 UNTIL [TCV_Cnt=7] | | | |
| 18 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_10 | (P) | 4. |
| 19 | | LIDL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 20 | | localtree1 L?DL_RaInChRq | ChReq_10 | | 4. |
| 21 | | (TCV_Cnt := TCV_Cnt + 1) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To set up a call the TCH/F otherwise. The generic call setup procedure is used. 2. To set up a call on the TCH/H if the MS supports half rate channel. The generic call setup procedure is used 3. To stop transmission on the channel SACCH. 4. The establishment cause shall be '110'B, otherwise the test case fails in the default tree OtherEventsFail. | | | |

Test Case Dynamic Behaviour

Test Case Name: TC_26_2_4_2
Group: GSM_L3_MS_v4170/InitialTest/
Purpose: To verify that the establishment cause sent by the MS in the Max-Retrans+1 CHANNEL REQUEST messages is consistent with the requested service, with the capabilities of the MS and with the indications of the network in the following case:
 If the MS supports a service on half rate channel:
 when the NECI bit is set to 1 and call re-establishment is attempted and the call was established on TCH/H.
Default: OtherEventsFail

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|--|-----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | [TSPC_HalfRateData OR TSPC_HalfRateSpeech] | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +HalfRateCh_A_1(TSPX_TCHHSubDef, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | body | +EstMsOrigHalfRateCall(TimingAdv_01) | | | 2. |
| 9 | | (TCV_Null := OM_Deactivate(TCV_chTch, TCV_sacchTch)) | | | 3. |
| 10 | | (TCV_Cnt :=0) | | | |
| 11 | | REPEAT localtree UNTIL [TCV_Cnt=7] | | | |
| 12 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_11 | (P) | 4. |
| 13 | | L!DL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 14 | | localtree L?DL_RaInChRq | ChReq_11 | | 4. |
| 15 | | (TCV_Cnt := TCV_Cnt +1) | | | |

Detailed Comments:

1. The NECI = 1.
2. To set up a call on the TCH/H by generic call setup procedure.
3. To stop transmission on the SACCH.
4. The establishment cause shall be '011010'B, otherwise the test case fails in the default tree.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_2_4_3 | | | |
| Group: | | GSM_L3_MS_v4170/InitialTest/ | | | |
| Purpose: | | To verify that the establishment cause sent by the MS in the Max-Retrans+1 CHANNEL REQUEST messages is consistent with the requested service, with the capabilities of the MS and with the indications of the network in the following case: If the MS supports speech: 1. when the NECI bit is set to 0 and a speech call is attempted. 2. when the NECI bit is set to 1 and a speech call is attempted. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | body | +neci0Behaviour | | | |
| 7 | | +SetNECI(0, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 8 | | +neci1Behaviour | | | |
| | | neci0Behaviour | | | |
| 9 | | +AttmpSpchCall | | | 3. |
| 10 | | +BasicServiceMO(TSPX_MO_BscSvc_SpeechCall, TSPX_MO_rate_SpeechCall) | | | |
| 11 | | (TCV_Cnt := 0) | | | |
| 12 | | REPEAT localtree1 UNTIL [TCV_Cnt=7] | | | |
| 13 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | (P) | 4. |
| 14 | | L!DL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| | | neci1Behaviour | | | |
| 15 | | START T_dly(30000) | | | 5. |
| 16 | | ?TIMEOUT T_dly | | | |
| 17 | | +AttmpSpchCall | | | 3. |
| 18 | | +BasicServiceMO(TSPX_MO_BscSvc_SpeechCall, TSPX_MO_rate_SpeechCall) | | | |
| 19 | | (TCV_Cnt := 0) | | | |
| 20 | | REPEAT localtree2 UNTIL [TCV_Cnt=7] | | | |
| 21 | | [TSPX_MO_rate_SpeechCall = C_Full] | | | |
| 22 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | (P) | 6. |
| 23 | | L!DL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 24 | | [TSPX_MO_rate_SpeechCall = C_Half] | | | |
| 25 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_05 | (P) | 7. |
| 26 | | L!DL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| | | localtree1 | | | |
| 27 | | L?DL_RaInChRq | ChReq_04 | | 4. |
| 28 | | (TCV_Cnt := TCV_Cnt + 1) | | | |

| | | | |
|--|------------------------------------|----------|----|
| | localtree2 | | |
| 29 | [TSPX_MO_rate_SpeechCall = C_Half] | | |
| 30 | L?DL_RaInChRq | ChReq_05 | 7. |
| 31 | (TCV_Cnt := TCV_Cnt +1) | | |
| 32 | [TSPX_MO_rate_SpeechCall = C_Full] | | |
| 33 | L?DL_RaInChRq | ChReq_04 | 6. |
| 34 | (TCV_Cnt := TCV_Cnt +1) | | |
| Detailed Comments: | | | |
| <ol style="list-style-type: none"> 1. The Max_retrans =2. 2. To set NECI = 1. 3. To attempt a speech call. 4. The establishment cause shall be '111'B, otherwise the test case fails in the default tree OtherEventsFail. 5. The test system waits for 30 seconds. 6. The establishment cause shall be '111'B if the MS does not support half rate speech. 7. The establishment cause shall be '0100'B if the MS supports half rate speech. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_2_4_4 | | | |
| Group: | | GSM_L3_MS_v4170/InitialTest/ | | | |
| Purpose: | | To verify that the establishment cause sent by the MS in the Max-Retrans+1 CHANNEL REQUEST messages is consistent with the requested service, with the capabilities of the MS and with the indications of the network in the following case: If the MS supports a data service: 1. when the NECI bit is set to 0 and a data call is attempted. 2. when the NECI bit is set to 1 and a data call is attempted for a service supported on half rate channel (if the MS does not support any data call on half rate channel any data service is used). | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | [TSPC_DataSvc] | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | body | +neci0Behaviour | | | |
| 8 | | +SetNECI(0, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 9 | | START T_dly(30000) | | | 3. |
| 10 | | ?TIMEOUT T_dly | | | |
| 11 | | +neci1Behaviour | | | |
| neci0Behaviour | | | | | |
| 12 | | +AttmpDataCall | | | 4. |
| 13 | | +BasicServiceMO(TSPX_MO_BscSvc_FRDataCall, C_Full) | | | |
| 14 | | (TCV_Cnt := 0) | | | |
| 15 | | REPEAT localtree1 UNTIL [TCV_Cnt=7] | | | |
| 16 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | (P) | 5. |
| 17 | | !DL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| neci1Behaviour | | | | | |
| 18 | | [TSPC_HalfRateData = TRUE] | | | |
| 19 | | +AttmpHalfRateDataCall | | | 6. |
| 20 | | +BasicServiceMO(TSPX_MO_BscSvc_HRDataCall, C_Half) | | | |
| 21 | | (TCV_Cnt := 0) | | | |
| 22 | | REPEAT localtree2 UNTIL [TCV_Cnt=7] | | | |
| 23 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_06 | (P) | 7. |
| 24 | | !DL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 25 | | [TSPC_HalfRateData = FALSE] | | | |
| 26 | | +AttmpDataCall | | | 8. |
| 27 | | +BasicServiceMO(TSPX_MO_BscSvc_FRDataCall, C_Full) | | | |
| 28 | | (TCV_Cnt := 0) | | | |
| 29 | | REPEAT localtree1 UNTIL [TCV_Cnt=7] | | | |
| 30 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := | ChReq_04 | (P) | 5. |

| | | | |
|----|---|---|----|
| 31 | DL_RaInChRq.fn) L!DL_UdatRqImmassRej | ImmAssRej_01(TCV_ agch, TCV_Rr, TCV_Fn) | |
| 32 | localtree1 L?DL_RaInChRq | ChReq_04 | 5. |
| 33 | (TCV_Cnt := TCV_Cnt +1) | | |
| 34 | localtree2 L?DL_RaInChRq | ChReq_06 | 7. |
| 35 | (TCV_Cnt := TCV_Cnt +1) | | |

Detailed Comments:

1. The Max_retrans =7.
2. To set NECl = 1.
3. The test system waits for 30 seconds.
4. To attempt a data call.
5. The establishment cause shall be '111'B, otherwise the test case fails in the default tree
OtherEventsFail.
6. To attempt a data call if the MS supports half rate data service.
7. The establishment cause shall be '0101'B, otherwise the test case fails in the default tree
OtherEventsFail.
8. To attempt any data call if the MS does not support half rate data service.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_2_4_5 | | | |
| Group: | | GSM_L3_MS_v4170/InitialTest/ | | | |
| Purpose: | | To verify that the establishment cause sent by the MS in the Max-Retrans+1 CHANNEL REQUEST messages is consistent with the requested service, with the capabilities of the MS and with the indications of the network in the following case: <ol style="list-style-type: none"> 1. when the NECI bit is set to 0 and the MS is paged with the paging indication set to "any channel". 2. when the NECI bit is set to 0 and the MS is paged with the paging indication set to "SDCCH". 3. when the NECI bit is set to 0 and the MS is paged with the paging indication set to "TCH/F". 4. when the NECI bit is set to 0 and the MS is paged with the paging indication set to "TCH/H or TCH/F". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | +pagingAnyChannel | | | |
| 8 | | +pagingSDCCH | | | |
| 9 | | +pagingTCHF | | | |
| 10 | | +pagingTCHHorTCHF | | | |
| | | pagingAnyChannel | | | |
| 11 | | L!DL_UdatRqPg1Rq (TCV_Cnt := 0) | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | 1. |
| 12 | | REPEAT localtree1 UNTIL [TCV_Cnt = 7] | | | |
| 13 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) START T_dly(C_T_Wait) | ChReq_12 | (P) | 2. |
| 14 | | L!DL_UdatRqImmRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| | | pagingSDCCH | | | |
| 15 | | ?TIMEOUT T_dly | | | |
| 16 | | L!DL_UdatRqPg1Rq (TCV_Cnt := 0) | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_02) | | 4. |
| 17 | | REPEAT localtree2 UNTIL [TCV_Cnt = 7] | | | |
| 18 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) START T_dly(C_T_Wait) | ChReq_03 | (P) | 5. |
| 19 | | L!DL_UdatRqImmRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| | | pagingTCHF | | | |
| 20 | | ?TIMEOUT T_dly | | | |
| 21 | | L!DL_UdatRqPg1Rq (TCV_Cnt := 0) | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_03) | | 6. |
| 22 | | REPEAT localtree3 UNTIL [TCV_Cnt = 7] | | | |
| 23 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_13 | (P) | |

| | | | | |
|---------------------------|--|---|-----|-----|
| 24 | START T_dly(C_T_Wait) LIDL_UdatRqImmRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 25 | pagingTCHHorTCHF ?TIMEOUT T_dly | | | |
| 26 | LIDL_UdatRqPg1Rq (TCV_Cnt := 0) | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_04) | | 10. |
| 27 | REPEAT localtree4 UNTIL [TCV_Cnt = 7] | | | |
| 28 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_14 | (P) | |
| 29 | LIDL_UdatRqImmRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 30 | localtree1 L?DL_RaInChRq | ChReq_12 | (P) | 2. |
| 31 | (TCV_Cnt := TCV_Cnt +1) | | | |
| 32 | localtree2 L?DL_RaInChRq | ChReq_03 | (P) | 5. |
| 33 | (TCV_Cnt := TCV_Cnt +1) | | | |
| 34 | localtree3 [TSPC_FullRateOnly =TRUE] | | | |
| 35 | L?DL_RaInChRq | ChReq_12 | (P) | 7. |
| 36 | (TCV_Cnt := TCV_Cnt +1) | | | |
| 37 | [TSPC_DualRate =TRUE] | | | |
| 38 | L?DL_RaInChRq | ChReq_07 | (P) | 8. |
| 39 | (TCV_Cnt := TCV_Cnt +1) | | | |
| 40 | [TSPC_SDCCHOnly =TRUE] | | | |
| 41 | L?DL_RaInChRq | ChReq_03 | (P) | 9. |
| 42 | (TCV_Cnt := TCV_Cnt +1) | | | |
| 43 | localtree4 [TSPC_FullRateOnly =TRUE] | | | |
| 44 | L?DL_RaInChRq | ChReq_12 | (P) | 11. |
| 45 | (TCV_Cnt := TCV_Cnt +1) | | | |
| 46 | [TSPC_DualRate =TRUE] | | | |
| 47 | L?DL_RaInChRq | ChReq_08 | (P) | 12. |
| 48 | (TCV_Cnt := TCV_Cnt +1) | | | |
| 49 | [TSPC_SDCCHOnly =TRUE] | | | |
| 50 | L?DL_RaInChRq | ChReq_03 | (P) | 13. |
| 51 | (TCV_Cnt := TCV_Cnt +1) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To send a PAGING REQUEST TYPE1 message with paging indication = any channel. 2. The establishment cause shall be '100'B. 3. The test system waits for 5 seconds. 4. To send a PAGING REQUEST TYPE1 message with paging indication = SDCCH. 5. The establishment cause shall be '0001'B. 6. To send a PAGING REQUEST TYPE1 message with paging indication = TCH/F. 7. The establishment cause shall be '100'B, if the MS capability is full rate only. 8. The establishment cause shall be '0010'B, if the MS capability is dual rate. 9. The establishment cause shall be '0001'B, if the MS capability is SDCCH only. 10. To send a PAGING REQUEST TYPE1 message with paging indication = TCH/H or TCH/F. 11. The establishment cause shall be '100'B, if the MS capability is full rate only. 12. The establishment cause shall be '0011'B, if the MS capability is dual rate. 13. The establishment cause shall be '0001'B, if the MS capability is SDCCH only. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|----------|---|------------|
| Test Case Name: | | TC_26_2_4_6 | | | |
| Group: | | GSM_L3_MS_v4170/InitialTest/ | | | |
| Purpose: | | To verify that the establishment cause sent by the MS in the Max-Retrans+1 CHANNEL REQUEST messages is consistent with the requested service, with the capabilities of the MS and with the indications of the network in the following case: <ol style="list-style-type: none"> 1. when the NECI bit is set to 0 and IMSI attach is attempted. 2. when the NECI bit is set to 0 and normal location updating is attempted. 3. when the NECI bit is set to 0 and periodic location updating is attempted. 4. when the NECI bit is set to 0 and IMSI detach is attempted. 5. when the NECI bit is set to 1 and IMSI attach is attempted. 6. when the NECI bit is set to 1 and normal location updating is attempted. 7. when the NECI bit is set to 1 and periodic location updating is attempted. 8. when the NECI bit is set to 1 and IMSI detach is attempted. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(1200) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_Cnt1:=0, TCV_lac := C_lacCellA) | | | |
| 5 | | REPEAT ltree_main UNTIL [TCV_Cnt1 = 2] | | | |
| | | ltree_main | | | |
| 6 | | +SysInfoSending_01LAC(5, 7, 0, TCV_Cnt1, TCV_lac, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 8 | body | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 9 | | +SysInfoSending_01LAC(5, 7, 1, TCV_Cnt1, TCV_lac, '000'B, '001'B, '011'B, '00'O) | | | ATT =1 |
| 10 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 11 | | +MM_PwrOrSimOn(C_SIMIn) | | | 2. |
| 12 | | +imsiAttachCheck | | | |
| 13 | | +ChgLac | | | |
| 14 | | +SysInfoSending_01LAC(5, 7, 1, TCV_Cnt1, TCV_lac, '000'B, '001'B, '011'B, '01'O) | | | 3. |
| 15 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 16 | | +UpdatingCheck(30000, C_normal_updating) | | | 7. 9. |
| 17 | | +UpdatingCheck(420000, C_periodic_updating) | | | 10. 11. |
| 18 | | [TSPC_SwitchOnOff = TRUE] | | | |
| 19 | | +imsiDetachCheck | | | |
| 20 | | (TCV_Cnt1 := TCV_Cnt1 + 1) | | | |
| 21 | | [TSPC_SwitchOnOff = FALSE] | | | |
| 22 | | (TCV_Cnt1 := TCV_Cnt1 + 1) | | | |
| | | imsiAttachCheck | | | |
| 23 | | (TCV_Cnt := 0) | | | |
| 24 | | REPEAT localtree1 UNTIL [TCV_Cnt = 7] | | | |
| 25 | | [TCV_Cnt1=0] | | | |
| 26 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_09 | | 4. |

| | | | | |
|----|--|--|-----|-----|
| 27 | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 28 | L?DL_EstInLupRq | LocUp_01(TCV_ch, C_imsi_attach) | (P) | 5. |
| 29 | L!DL_DatRqLupAcp | LocAcp_32(TCV_ch, TCV_lac) | | 6. |
| 30 | +PostMainLinkRel(TCV_ch) | | | |
| 31 | [TCV_Cnt1=1] | | | |
| 32 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq(ChRequest_18) | | 4. |
| 33 | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 34 | L?DL_EstInLupRq | LocUp_01(TCV_ch, C_imsi_attach) | (P) | 5. |
| 35 | L!DL_DatRqLupAcp | LocAcp_32(TCV_ch, TCV_lac) | | 6. |
| 36 | +PostMainLinkRel(TCV_ch) | | | |
| | UpdatingCheck(t:INTEGER; locup:B_2) | | | |
| 37 | START T_dly(t) | | | |
| 38 | +rcvchreq | | | |
| 39 | L?DL_EstInLupRq | LocUp_01(TCV_ch, locup) | (P) | |
| 40 | L!DL_DatRqLupAcp | LocAcp_32(TCV_ch, TCV_lac) | | 6. |
| 41 | +PostMainLinkRel(TCV_ch) | | | |
| 42 | ?TIMEOUT T_dly | | (F) | |
| | imsiDetachCheck | | | |
| 43 | +MM_PwrOrSimOff(C_SIMIn) | | | 12. |
| 44 | (TCV_Cnt := 0) | | | |
| 45 | REPEAT localtree2 UNTIL [TCV_Cnt = 7] | | | |
| 46 | [TCV_Cnt1=0] | | | |
| 47 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | (P) | 13. |
| 48 | L!DL_UdatRqImmRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 49 | +MM_PwrOrSimOn(C_SIMIn) | | | 2. |
| 50 | [TCV_Cnt1=1] | | | |
| 51 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_03 | (P) | 14. |
| 52 | L!DL_UdatRqImmRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 53 | +MM_PwrOrSimOn(C_SIMIn) | | | 2. |
| | rcvchreq | | | |
| 54 | [TCV_Cnt1=0] | | | |
| 55 | L?DL_RaInChRq CANCEL T_dly | ChReq_09 | | 8. |
| 56 | (TCV_Cnt := 0) | | | |
| 57 | REPEAT localtree1 UNTIL [TCV_Cnt = 7] | | | |
| 58 | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 59 | [TCV_Cnt1=1] | | | |
| 60 | L?DL_RaInChRq CANCEL T_dly | ChReq(ChRequest_18) | | 8. |

| | | | |
|---------------------------|---|---|----|
| 61 | (TCV_Cnt := 0) | 8) | |
| 62 | REPEAT localtree1 UNTIL [TCV_Cnt = 7] | | |
| 63 | L!DL_UdatRqlmmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| | localtree1 | | |
| 64 | [TCV_Cnt1=0] | | |
| 65 | L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq.msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq_09 | 8. |
| 66 | (TCV_Cnt := TCV_Cnt+1) | | |
| 67 | [TCV_Cnt1=1] | | |
| 68 | L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq.msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq(ChRequest_18) | 8. |
| 69 | (TCV_Cnt := TCV_Cnt+1) | | |
| | localtree2 | | |
| 70 | [TCV_Cnt1=0] | | |
| 71 | L?DL_RaclnChRq (TCV_Fn := DL_RaclnChRq.fn, TCV_Rr := DL_RaclnChRq.msg.ecau_rrf) | ChReq_04 | |
| 72 | (TCV_Cnt := TCV_Cnt+1) | | |
| 73 | [TCV_Cnt1=1] | | |
| 74 | L?DL_RaclnChRq (TCV_Fn := DL_RaclnChRq.fn, TCV_Rr := DL_RaclnChRq.msg.ecau_rrf) | ChReq_03 | |
| 75 | (TCV_Cnt := TCV_Cnt+1) | | |
| | ChgLac | | |
| 76 | [TCV_Cnt1=0] | | |
| 77 | (TCV_lac := C_lacellB) | | |
| 78 | [TCV_Cnt1=1] | | |
| 79 | (TCV_lac := C_lacellA) | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To set ATT = 1, i.e. MS's in the cell shall apply IMSI attach and detach procedure. TCV_Cnt1 value stands for NECI bit value. 2. To switch on or power on the MS. 3. To change LAC and set T3212 = 6 minutes. 4. The establishment cause shall be '0000'B. 5. The location updating type shall be IMSI attach. 6. There is no mobile identity in this LOCATION UPDATING ACCEPT message. 7. The test system waits for 30 seconds to receive CHANNEL REQUEST messages. 8. The establishment cause shall be '0000'B. 9. The location updating type shall be normal location updating. 10. The test system waits for 7 minutes to receive CHANNEL REQUEST messages. 11. The location updating type shall be periodic updating. 12. To switch off the MS. 13. The establishment cause shall be '111'B. 14. The establishment cause shall be '0001'B. | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_2_4_7 | | | |
| Group: | | GSM_L3_MS_v4170/InitialTest/ | | | |
| Purpose: | | To verify that the establishment cause sent by the MS in the Max-Retrans+1 CHANNEL REQUEST messages is consistent with the requested service, with the capabilities of the MS and with the indications of the network in the following case: If the MS supports a non call related supplementary service operation: when the NECI bit is set to 0 and a supplementary service operation is attempted at the MS. when the NECI bit is set to 1 and a supplementary service operation is attempted at the MS. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(600) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Cnt1:=0) | | | |
| 5 | | REPEAT ltree_main UNTIL [TCV_Cnt1 = 2] | | | |
| | | ltree_main | | | |
| 6 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 7 | | +SysInfoSending_01(5, 7, 0, TCV_Cnt1, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 8 | body | +AtmpNonCallSupp | | | 2. |
| 9 | | +BasicServiceMO(TSPX_MO_BscSvc_NonCall SupplementarySvc, C_Full) | | | |
| 10 | | (TCV_Cnt :=0) | | | |
| 11 | | REPEAT localtree UNTIL [TCV_Cnt=7] | | | |
| 12 | | [TCV_Cnt1=0] | | | |
| 13 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | (P) | 3. |
| 14 | | L!DL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 15 | | (TCV_Cnt1 := TCV_Cnt1 +1) | | | |
| 16 | | [TCV_Cnt1=1] | | | |
| 17 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_03 | (P) | 4. |
| 18 | | L!DL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 19 | | (TCV_Cnt1 := TCV_Cnt1 +1) | | | |
| | | localtree | | | |
| 20 | | [TCV_Cnt1=0] | | | |
| 21 | | L?DL_RaInChRq | ChReq_04 | | 3. |
| 22 | | (TCV_Cnt := TCV_Cnt +1) | | | |
| 23 | | [TCV_Cnt1=1] | | | |
| 24 | | L?DL_RaInChRq | ChReq_03 | | 4. |
| 25 | | (TCV_Cnt := TCV_Cnt +1) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. The Max_retrains =7. TCV_Cnt1 value stands for NECI bit value. 2. To attempt a non call related supplementary service at the MS under test. 3. The establishment cause shall be '111'B (NECI = 0). 4. The establishment cause shall be '0001'B (NECI = 1). | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_2_4_8 | | | |
| Group: | | GSM_L3_MS_v4170/InitialTest/ | | | |
| Purpose: | | To verify that the establishment cause sent by the MS in the Max-Retrans+1 CHANNEL REQUEST messages is consistent with the requested service, with the capabilities of the MS and with the indications of the network in the following case: If the MS supports SMS/PP MO: when the NECI bit is set to 0 and a mobile originated short message service transaction is attempted. when the NECI bit is set to 1 and a mobile originated short message service transaction is attempted. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(600) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_Cella, C_Immss, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Cnt1:=0) | | | |
| 5 | | REPEAT ltree_main UNTIL [TCV_Cnt1 = 2] | | | |
| | | ltree_main | | | |
| 6 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_Cella), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_Cella)) | | | |
| 7 | | +SysInfoSending_01(5, 7, 0, TCV_Cnt1, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 8 | body | +AtmpShortMsg | | | 2. |
| 9 | | +BasicServiceMO(TSPX_MO_BscSvc_SMS, C_Full) | | | |
| 10 | | (TCV_Cnt :=0) | | | |
| 11 | | REPEAT localtree UNTIL [TCV_Cnt=7] | | | |
| 12 | | [TCV_Cnt1=0] | | | |
| 13 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | (P) | 3. |
| 14 | | LIDL_UdatRqImmssRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 15 | | (TCV_Cnt1 := TCV_Cnt1 +1) | | | |
| 16 | | [TCV_Cnt1=1] | | | |
| 17 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_03 | (P) | 4. |
| 18 | | LIDL_UdatRqImmssRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 19 | | (TCV_Cnt1 := TCV_Cnt1 +1) | | | |
| | | localtree | | | |
| 20 | | [TCV_Cnt1=0] | | | |
| 21 | | L?DL_RaInChRq | ChReq_04 | | 3. |
| 22 | | (TCV_Cnt := TCV_Cnt +1) | | | |
| 23 | | [TCV_Cnt1=1] | | | |
| 24 | | L?DL_RaInChRq | ChReq_03 | | 4. |
| 25 | | (TCV_Cnt := TCV_Cnt +1) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. The Max_retrns =7. TCV_Cnt1 value stands for NECI bit value. 2. To attempt a mobile originated short message service transaction at the MS under test. 3. The establishment cause shall be '111'B (NECI = 0). 4. The establishment cause shall be '0001'B (NECI = 1). | | | |

Test Group IdleMode

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_3_2 | | | |
| Group: | | GSM_L3_MS_v4170/IdleMode/ | | | |
| Purpose: | | To verify that a MS can present the available PLMNs to the user when asked to do so in manual mode according to the requirements of GSM 05.08 and 02.11. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | For the test the SIM shall contain a PLMN-Selector that contains only the HPLMN and a empty forbidden PLMN list. Final verdict is assigned in the test step PLMNsCHK | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 5 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_sacch_C := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellC), TCV_sacch_D := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellD), TCV_sacch_E := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellE), TCV_sacch_F := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellF), TCV_sacch_G := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellG), TCV_sacch_H := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellH)) | | | |
| 6 | | +StartMultiCells_01(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '001'B, '001'B, '010'B, '00'O) | | | |
| 7 | body | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 8 | | (TCV_Null := OO_PLMNselModeMan()) | | | |
| 9 | | +PLMNsCHK | | | 1. |
| Detailed Comments: | | 1. Final verdict is assigned in the test step. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_3_3 | | | |
| Group: | | GSM_L3_MS_v4170/IdleMode/ | | | |
| Purpose: | | To verify that the MS will not produce any RF transmission if no BSS is received. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | For the test the SIM shall contain a PLMN-Selector that contains only the HPLMN and a empty forbidden PLMN list. Final verdict is assigned in the test steps ServiceIndCHK and RFtransCHK | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_sacch_C := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellC), TCV_sacch_D := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellD), TCV_sacch_E := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellE), TCV_sacch_F := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellF), TCV_sacch_G := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellG), TCV_sacch_H := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellH)) | | | |
| 5 | | +StartMultiCells_01(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '001'B, '001'B, '010'B, '00'O) | | | |
| 6 | body | +StopAllBCCH | | | |
| 7 | | START T_dly(20000) | | | |
| 8 | | ?TIMEOUT T_dly | | | |
| 9 | | +AttmpSpchCall | | | |
| 10 | | +RFtransCHK | | | 1. |
| 11 | | +AttmpEmgCall | | | |
| 12 | | +RFtransCHK | | | 1. |
| Detailed Comments: | | 1. The verdict is assigned in these test steps. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_26_3_4 | | | |
| Group: | | GSM_L3_MS_v4170/IdleMode/ | | | |
| Purpose: | | To verify that in manual mode the MS is able to obtain normal service on a PLMN which is neither the better nor a preferred PLMN and that it tries to obtain service on VPLMN if and only if the user selects it manually. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | For the test the preferred PLMN list of the SIM does not contain PLMN2('02'O) but contains PLMN3('03'O). The MS shall be set to manual mode before the test starts. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(420) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +StartTwoCells(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | body | (TCV_Null := OM_StopCell(C_CellA)) | | | |
| 7 | | START T_dly(120000) | | | |
| 8 | | ?TIMEOUT T_dly | | (P) | 1. |
| 9 | | +StartCellA_1(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 10 | | START T_dly(120000) | | | |
| 11 | | ?TIMEOUT T_dly | | (P) | 1. |
| 12 | | (TCV_Null := OO_SelPLMN(C_PLMN_2)) | | | |
| 13 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_02 | | |
| 14 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 15 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 16 | | L?DL_EstInLupRq | LocUp_06(TCV_ch) | (P) | 2. |
| 17 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 18 | | L!DL_DatRqLupAcp | LocAcp_02(TCV_ch) | | |
| 19 | | +PostMainLinkRel(TCV_ch) | | | |
| 20 | | (TCV_Null := OM_StopCell(C_CellB)) | | | |
| 21 | | START T_dly(120000) | | | |
| 22 | | ?TIMEOUT T_dly | | (P) | 1. |
| Detailed Comments: | | <p>1. During 2 minutes the MS does not send any CHANNEL REQUEST, pass. If the MS does the test case fail in the default tree.</p> <p>2. The expected LOCATION UPDATING REQUEST message received on Cell B.</p> | | | |

Test Group BiBo

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------------------------|-----|----------|
| Test Case Name: | | TC_26_5_1 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that a MS supporting TCH and the call control protocol ignores a message containing an undefined protocol discriminator in the special case of a message coded otherwise like a CC STATUS ENQUIRY message received by the MS having a mobile terminating call in CC-state U10, "active". | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Full rate traffic channel is used for the MT call in the test case if TSPC_CC is TRUE. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmAss, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | body | [TSPC_CC = TRUE] | | | 1. |
| 6 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 7 | | +PreEnterIdleState_03(C_ImmAss,TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 8 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 9 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | 1. |
| 10 | | LIDL_DatRqUnknown | Unknown_01(TCV_ch Tch) | | 2. |
| 11 | | START T_dly(10000) | | | |
| 12 | | ?TIMEOUT T_dly | | (P) | |
| 13 | | +PostMainLinkRel(TCV_chTch) | | | |
| 14 | | [TSPC_CC = FALSE] | | | 3. |
| 15 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 16 | | +PreEnterIdleState_03(C_ImmAss,TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 17 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 18 | | LIDL_DatRqUnknown | Unknown_02(TCV_ch) | | 4. |
| 19 | | START T_dly(10000) | | | |
| 20 | | ?TIMEOUT T_dly | | (P) | |
| 21 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. If the MS supports any bearer capability the test case goes through this branch. 2. To send a CC STATUS ENQUIRY alike unknown message on channel FACCH. 3. If the MS does not support any bearer capability the test case goes through this branch. 4. To send a CC STATUS ENQUIRY alike unknown message on channel SDCCH4. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_5_2_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS ignores an RR message with skip indicator different from H'0 in the special case of a PAGING REQUEST TYPE 1 message received in the MM-state "idle, updated" and in RR-idle mode. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | (TCV_Cnt := 1) | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0 A, TSPX_IMSI) | | | |
| 8 | body | REPEAT localtree UNTIL [TCV_Cnt = 7] | | | |
| 9 | | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_inv_01(8)) | | 1. |
| 10 | | START T_dly(3000) | | | |
| 11 | | ?TIMEOUT T_dly | | (P) | |
| 12 | | localtree LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_inv_01(TCV_Cnt)) | | 1. |
| 13 | | START T_dly(3000) | | | |
| 14 | | ?TIMEOUT T_dly | | | |
| 15 | | (TCV_Cnt := TCV_Cnt+1) | | (P) | |
| Detailed Comments: | | 1. To send PAGING REQUEST TYPE 1 message with unknown skip indicator. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|---------------|
| Test Case Name: | | TC_26_5_2_1_2 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS ignores RR messages with skip indicator different from H'0 in the case of a message being received during the RR-connection establishment in the MM-state "idle, updated" / "wait for network command" and in RR-connected mode. | | | |
| Default: | | RR-connected mode. OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 2, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 8 | | L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq.msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq_01 | | |
| 9 | | L!DL_UdatRqImmass START T_dly1(1000) | ImmAss_inv_01(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | 2. |
| 10 | | +chRq_check | | | |
| 11 | | L!DL_UdatRqImmassRej START T_dly1(1000) | ImmAssRej_inv_01(TCV_agch, TCV_Rr, TCV_Fn) | | 4. |
| 12 | | +chRq_check | | | |
| 13 | | +continue | | | |
| 14 | | continue L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | valid message |
| 15 | | L?DL_EstInPgRes | PgRes_01 | | |
| 16 | | L!DL_DatRqAuthRq | AuthReq_01(TCV_ch) | | |
| 17 | | L?DL_DatInAuthRes | AuthRes_01 | | |
| 18 | | L!DL_DatRqCphmCmd | CphCmd_inv_02(TCV_ch) | | 5. |
| 19 | | L!DL_DatRqIdRq | IDReq(TCV_ch, IDRequest_01('0001'B)) | | |
| 20 | | L?DL_DatInIdRes | IDRes_01 | | |
| 21 | | L!DL_DatRqAssCmd | AssCmd(TCV_ch, AsgnCmd_inv_01(TCV_slot, TCV_tsc)) | | 6. |
| 22 | | +check2 | | | |
| 23 | | L!DL_DatRqHoCmd | HndOv_inv_02(TCV_ch, TCV_slot, TCV_tsc) | | 7. |
| 24 | | +check3 | | | |
| 25 | | L!DL_DatRqChRel | ChRel_inv_02(TCV_ch) | | 9. |
| 26 | | L!DL_DatRqIdRq | IDReq(TCV_ch, IDRequest_01('0001'B)) | | |

| | | | | | |
|----|--|---|---------------------|-----|----|
| 27 | | L?DL_DatInIdRes | B)) IDRes_01 | (P) | |
| 28 | | L!DL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 29 | | +WaitMainLinkDown | | | |
| | | check2 | | | |
| 30 | | START T_dly(3000) | | | |
| 31 | | L?DL_EstIn | DLEstInd_01 | (F) | |
| 32 | | ?TIMEOUT T_dly | | (P) | |
| | | check3 | | | |
| 33 | | START T_dly(3000) | | | 8. |
| 34 | | L?DL_EstIn | DLEstInd_01 | | |
| 35 | | L?DL_DatInHofl | HndOvFI_01(TCV_ch) | (F) | |
| 36 | | L?DL_DatInRrst | RrStatus_01(TCV_ch) | (F) | |
| 37 | | ?TIMEOUT T_dly | | (P) | |
| | | chRq_check | | | |
| 38 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | (P) | 3. |
| 39 | | CANCEL T_dly1 ?TIMEOUT T_dly1 | | (F) | |

Detailed Comments:

1. To set the Max_Retrans = 2.
2. To send an invalid IMMEDIATE ASSIGNMENT message with skip indicator = 1.
3. Retransmission of Channel request within 1s indicates that mobile ignored the message with invalid skip indicator.
4. To send an invalid IMMEDIATE ASSIGNMENT REJECT message with skip indicator = 2.
5. To send an invalid CIPHERING MODE COMMAND message with skip indicator = 3.
6. To send an invalid ASSIGNMENT COMMAND message with skip indicator = 4.
7. To send an invalid HANDOVER COMMAND message with skip indicator = 5.
8. To check that there is no HANDOVER FAILURE or RR-STATUS message on old channel.
9. To send an invalid CHANNEL RELEASE message with skip indicator = 6.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------------------------------------|-----|----------|
| Test Case Name: | | TC_26_5_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS ignores an MM message with skip indicator different from H'0 in the special case of an MS supporting the call control protocol and an IDENTITY REQUEST message received in the active state of a mobile terminating call. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcB,TSPX_MTChRateB,TSPX_MT_ImmConnB) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_03(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | body | [TSPC_CC = TRUE] | | | |
| 8 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 9 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | 1. |
| 10 | | +maintest1 | | | |
| 11 | | [TSPC_CC = FALSE] | | | 2. |
| 12 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 13 | | +maintest2 | | | |
| 14 | | maintest1 (TCV_Cnt := 0) | | | |
| 15 | | REPEAT subtree1 UNTIL [TCV_Cnt = 6] | | | |
| 16 | | LIDL_DatRqldRq | IDReq_inv_01(TCV_chTch, 8) | | 3. |
| 17 | | START T_dly(5000) | | | |
| 18 | | ?TIMEOUT T_dly | | (P) | |
| 19 | | +PostMainLinkRel(TCV_chTch) | | | |
| 20 | | maintest2 (TCV_Cnt := 0) | | | |
| 21 | | REPEAT subtree2 UNTIL [TCV_Cnt = 6] | | | |
| 22 | | LIDL_DatRqldRq | IDReq_inv_01(TCV_ch, 8) | | 4. |
| 23 | | START T_dly(5000) | | | |
| 24 | | ?TIMEOUT T_dly | | (P) | |
| 25 | | +PostMainLinkRel(TCV_ch) | | | |
| 26 | | subtree1 LIDL_DatRqldRq | IDReq_inv_01(TCV_chTch, TCV_Cnt+1) | | 3. |
| 27 | | START T_dly(1000) | | | |
| 28 | | ?TIMEOUT T_dly | | (P) | |
| 29 | | (TCV_Cnt := TCV_Cnt + 1) | | | |
| 30 | | subtree2 LIDL_DatRqldRq | IDReq_inv_01(TCV_ch, TCV_Cnt+1) | | 4. |
| 31 | | START T_dly(1000) | | | |
| 32 | | ?TIMEOUT T_dly | | (P) | |

| | |
|---------------------------|---|
| 33 | (TCV_Cnt := TCV_Cnt + 1) |
| Detailed Comments: | <ol style="list-style-type: none">1. This subtree is for the MS supporting at least one bearer capability.2. This subtree is for the MS not supporting any bearer capability.3. To send an invalid IDENTITY REQUEST message containing incorrect skip indicator on channel FACCH.4. To send an invalid IDENTITY REQUEST message containing incorrect skip indicator on channel SDCCH4. |

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_26_5_2_3 |
| Group: | GSM_L3_MS_v4170/BiBo/ |
| Purpose: | <p>a) To verify that the MS having a mobile terminating call in CC-state U10, "active", on receipt of a DISCONNECT message which includes a transaction identifier which is not recognized as relating to an active call or a call in progress, sends a RELEASE COMPLETE message with cause value #81 and referring to the latter TI without changing the state of the active call (this is verified by use of the status enquiry procedure).</p> <p>b) To verify that the MS having a mobile terminating call in CC-state U10, "active", on receipt of a</p> <p>b1) RELEASE COMPLETE message which includes a transaction identifier with a value different from 111, which is not recognized as relating to an active call or a call in progress, or a</p> <p>b2) SETUP message with TI flag referring to a transaction originated by the MS (in the special case where the TI value is equal to the TI value relating to the active call), or a</p> <p>b3) SETUP message with TI referring to the active call, ignores that message without changing the state of the active call (this is verified by use of the status enquiry procedure).</p> <p>c) To verify that the MS ignores a CC message with a TI value 111.</p> <p>The test is only applicable to an MS supporting the call control protocol for at least one BC.</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|-------------------------|-----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcC,TSPX_MTChRateC,TSPX_MT_ImmConnC) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Immasc, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immasc, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | |
| 9 | body | +test_a | | | |
| 10 | | +test_b1 | | | |
| 11 | | +test_b2 | | | |
| 12 | | +test_b3 | | | |
| 13 | | +test_c | | | |
| | | test_a | | | |
| 14 | | L!DL_DatRqDisc | Disc_inv_01(TCV_ch Tch) | | 1. |
| 15 | | L?DL_DatInRelCmp | RelCmp_06 | | |
| 16 | | +CCstatuschk_01(TCV_chTch, C_U10) | | | |
| | | test_b1 | | | |
| 17 | | L!DL_DatRqRelCmp (DL_DatRqRelCmp.msg.ti := TI_04) | RelCmpRq_01(TCV_chTch) | | 2. |
| 18 | | START T_dly(5000) | | | |
| 19 | | ?TIMEOUT T_dly | | (P) | |
| 20 | | +CCstatuschk_01(TCV_chTch, C_U10) | | | |

| | | | |
|----|-----------------------------------|---------------------------|-----|
| 21 | test_b2 L!DL_DatRqSetup | SetupRq_inv_01(TCV_chTch) | 3. |
| 22 | START T_dly(5000) | | |
| 23 | ?TIMEOUT T_dly | | (P) |
| 24 | +CCstatuschk_01(TCV_chTch, C_U10) | | |
| 25 | test_b3 L!DL_DatRqSetup | SetupRq_03(TCV_chTch) | 4. |
| 26 | START T_dly(5000) | | |
| 27 | ?TIMEOUT T_dly | | (P) |
| 28 | +CCstatuschk_01(TCV_chTch, C_U10) | | |
| 29 | test_c L!DL_DatRqDisc | Disc_inv_05(TCV_chTch) | 5. |
| 30 | START T_dly(5000) | | |
| 31 | ?TIMEOUT T_dly | | (P) |
| 32 | +CCstatuschk_01(TCV_chTch, C_U10) | | |
| 33 | +PostMainLinkRel(TCV_chTch) | | |

Detailed Comments:

1. The TI value of the DISCONNECT message does not refer to the active call.
2. The TI value of the RELEASE COMPLETE message does not refer to the active call ('0000'B).
3. The TI flag of the SETUP message is set to 1 and TI value refers to the active call.
4. This SETUP contains TI refers to the active call ('0000'B).
5. The TI value of the DISCONNECT message is '111'B.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------|-----|----------|
| Test Case Name: | | TC_26_5_3_1 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that a MS supporting the call control protocol for at least one BC, having a mobile terminating call in CC-state U10, "active", on receipt of a message with CC protocol discriminator and an arbitrary undefined message, returns a STATUS message with cause value #97 to the peer CC entity without changing the state of the active call (this is verified by use of the status enquiry procedure.) | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcD,TSPX_MTChRateD,TSPX_MT_ImmConnD) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_03(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01) | | | |
| 9 | body | L!DL_DatRqUndefCC | Undef_01(TCV_chTch) | | 1. |
| 10 | | L?DL_DatInCst | CCSt_02 | (P) | |
| 11 | | +CCstatuschk_01(TCV_chTch, C_U10) | | | |
| 12 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. This is an undefined CC message. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------|-----|----------|
| Test Case Name: | | TC_26_5_3_2 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that a MS supporting the call control protocol for at least one BC, having a mobile terminating call in CC-state U10, "active", on receipt of a message with MM protocol discriminator and message type undefined for the mobility management protocol, returns an MM-STATUS message with reject cause value #97 without changing the state of the active call (this is verified by use of the status enquiry procedure.) This is tested in the special case where the CC TI has value 0 (so that it has the same encoding as the skip indicator when sent from the SS) and where the message type has the same encoding as DISCONNECT in CC. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcE,TSPX_MTChRateE,TSPX_MT_ImmConnE) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Immasc, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immasc, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | |
| 9 | body | LIDL_DatRqUndefMM | Undef_02(TCV_chTch) | | 1. |
| 10 | | L?DL_DatInMmst | MMSt_01 | (P) | |
| 11 | | +CCstatuschk_01(TCV_chTch, C_U10) | | | |
| 12 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. This is an undefined MM message. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--------------------------------|-----|---------------------------|
| Test Case Name: | | TC_26_5_3_3 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that an MS in RR connected mode on receipt of a message with RR protocol discriminator and message type undefined for the RR protocol, returns an RR-STATUS message with reject cause value #97 without changing its state (this is checked by observing that the MS does not send L3 messages.) | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 7 | body | L!DL_DatRqUndefRR | Undef_03(TCV_ch) | | 1. |
| 8 | | L?DL_DatInRrst | RrStatus_03 | | |
| 9 | | START T_dly(5000) | | | Start L2 fill frame check |
| 10 | | L?OTHERWISE | | F | L3 msg received |
| 11 | | ?TIMEOUT T_dly | | (P) | |
| 12 | | [TSPC_BC = TRUE] | | | 2. |
| 13 | | +BasicServiceMT(TSPX_MTBs cSvcA, TSPX_MTChRateA, TSPX_MT_ImmConnA) | | | |
| 14 | | +Authentication(TCV_ch, TSPX_CKSNDf) | | | |
| 15 | | +Ciphering_on(TCV_ch) | | | |
| 16 | | L!DL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupSnd(TCV_ch, TCV_Setup_mt) | | |
| 17 | | L?DL_DatInCallCo | CallCfm_01 | (P) | |
| 18 | | +PostMainLinkRel(TCV_ch) | | | |
| 19 | | [TSPC_BC = FALSE] | | | 3. |
| 20 | | L!DL_DatRqSetup | SetupRq_01(TCV_ch) | | |
| 21 | | L?DL_DatInRelCmp | RelCmp_02(TI_01) | (P) | |
| 22 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To send an undefined RR message. 2. If the MS supports at least one bearer capability, the test case goes through this subtree. 3. If the MS does not support any bearer capability, the test case goes through this subtree. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-------------------------------|-----|----------|
| Test Case Name: | | TC_26_5_3_4 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that a MS supporting the call control protocol for at least one BC, having a call in CC-state U10, "active", on receipt of an inopportune CC message, returns a STATUS message with reject cause value #98 without changing the state of the active call (this is verified by use of the status enquiry procedure.) This is tested in the special case where the inopportune CC message is a CALL PROCEEDING message relating to the active call. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcF,TSPX_MTChRateF,TSPX_MT_ImmConnF) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterIdleState_03(C_ImmMass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | 1. | |
| 8 | body | L!DL_DatRqCallProc | CallProc_01(TI_02, TCV_chTch) | | 2. |
| 9 | | L?DL_DatInCst | CCSt_03(TI_01) | (P) | |
| 10 | | +CCstatuschk_01(TCV_chTch, C_U10) | | | |
| 11 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To enter CC state U10. 2. To send an inopportune CALL PROCEEDING message. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_26_5_4_1 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS ignores an unforeseen second occurrence of an information element with format T, TV, or TLV in the special case of the mobile identity IE which has format TLV in the LOCATION UPDATING ACCEPT message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +Varinit_fixB | | | |
| 6 | | +StartCellB_1(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0 B, TSPX_IMSI) | | | |
| 8 | body | +LowRfLev_Cellnotavail(C_CellA) | | | 1. |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_20(C_RACH_B_1) | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L!DL_UdatRqImmass | ImmAss_06(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TimingAdv_01) | | 2. |
| 12 | | L?DL_EstInLupRq | LocUp_04(TCV_ch, C_normal_updating, MiTmsi_01) | | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | L!DL_DatRqLupAcpErr | LocAcp_inv_01(TCV_ch) | | 3. |
| 15 | | L!DL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 16 | | L?DL_Relln | DLRellnd_01 | | |
| 17 | | START T_dly(5000) | | | |
| 18 | | ?TIMEOUT T_dly | | | |
| 19 | | +localtree | | | |
| 20 | | localtree L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | 4. |
| 21 | | START T_dly(C_T_Wait) | | | |
| 22 | | ?TIMEOUT T_dly | | | |
| 23 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_05) | | 5. |
| 24 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_15(C_RACH_B_1) | (P) | |
| 25 | | L!DL_UdatRqImmassRej | ImmAssRej_04(TCV_agch, TCV_Rr, TCV_Fn) | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To lower RF level until the MS selects cell B. 2. The cell B assigns C_SDCCH4_B_1 to the MS. 3. To send an invalid LOCATION UPDATING ACCEPT message containing duplicated IE's. 4. To send a PAGING REQUEST TYPE 1 message containing mobile identity = TMSI of the MS. 5. To send a PAGING REQUEST TYPE 1 message containing mobile identity = IMSI of the MS. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|----------------------|---|----------|
| Test Case Name: | | TC_26_5_5_1_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS in RR connected mode releases the connection upon receipt of a CHANNEL RELEASE message with missing RR cause (which is "mandatory" in that message). | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 7 | body | L!DL_DatRqChRel | ChRel_inv_01(TCV_ch) | | 1. |
| 8 | | L?DL_RelIn | DLRelInd_01 | P | |
| Detailed Comments: | | 1. To send an invalid CHANNEL RELEASE message missing mandatory RR cause IE. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-----------------------|-----|----------|
| Test Case Name: | | TC_26_5_5_1_1_2 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS in RR connected mode ignores a ciphering mode command message in which the ciphering mode setting IE and cipher response IE are missing except for the fact that it returns a RR-STATUS message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 7 | body | L!DL_DatRqCphmCmd | CphCmd_inv_01(TCV_ch) | | 1. |
| 8 | | L?DL_DatInRrst | RrStatus_02 | (P) | |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | 1. To send an invalid CIPHERING MODE COMMAND missing mandatory ciphering mode setting IE and cipher response IE. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_5_5_1_2 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS having an RR-connection established ignores a HANDOVER COMMAND message containing in the non-imperative part an IE encoded as comprehension required except for the fact that it returns a RR-STATUS message with cause # 96 "invalid mandatory information". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcG,TSPX_MTChRateG,TSPX_MT_ImmConnG) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | body | [TSPC_CC = TRUE] | | | 1. |
| 7 | | +PreEnterIdleState_03(C_ImmMass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 8 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 9 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | |
| 10 | | L!DL_DatRqHoCmd | HndOv_inv_01(TCV_chTch, TSPX_TmSltDef, TSPX_TscDef) | | 2. |
| 11 | | L?DL_DatInRrst | RrStatus_02 | (P) | |
| 12 | | +PostMainLinkRel(TCV_chTch) | | | |
| 13 | | [TSPC_CC = FALSE] | | | 3. |
| 14 | | +PreEnterIdleState_03(C_ImmMass,TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 15 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 16 | | L!DL_DatRqHoCmd | HndOv_inv_01(TCV_ch, TSPX_TmSltDef, TSPX_TscDef) | | 4. |
| 17 | | L?DL_DatInRrst | RrStatus_02 | (P) | |
| 18 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. If the MS supports at least one bearer capability, the test case goes through this subtree. 2. To send an invalid HANDOVER COMMAND message containing comprehension requires IE on the channel TCV_chTch. 3. The test case goes through this subtree if the MS does not support any bearer capability. 4. To send an invalid HANDOVER COMMAND message containing comprehension requires IE on the channel TCV_chTch. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-------------------------|-----|----------|
| Test Case Name: | | TC_26_5_5_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that an MS supporting at least one BC, having a CC entity in state U10, "active", ignores an MM message with syntactically incorrect IE except for the fact that it sends an MM-STATUS message with reject cause #96. This is tested in the special case of an IDENTITY REQUEST message in which the (mandatory) identity type IE specifies a reserved value for the type of identity; that the MS otherwise ignores the message is checked by means of the status enquiry procedure. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcH,TSPX_MTChRateH,TSPX_MT_ImmConnH) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01) | | | |
| 9 | body | L!DL_DatRqldRq | IDReq_inv_02(TCV_chTch) | | 1. |
| 10 | | L?DL_DatInMmst | MMSt_02 | (P) | |
| 11 | | +CCstatuschk_02(TCV_chTch, C_U10, TI_02, TI_01) | | | 2. |
| 12 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To send an invalid IDENTITY REQUEST message containing the identity type IE = reserved value. 2. To check whether the MS is still in the state U10. If not the test case fails in the test step. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--------------------------------|-----|----------|
| Test Case Name: | | TC_26_5_5_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that an MS having been paged and having an RR connection established ignores an MM message with syntactically incorrect IE except for the fact that it sends an MM-STATUS message with reject cause #96. This is tested in the special case of an IDENTITY REQUEST message in which the (mandatory) identity type IE specifies a reserved value for the type of identity; the fact that the MS otherwise ignores the message is checked by testing that it answers as usual to an incoming SETUP message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 7 | body | L!DL_DatRqIdRq | IDReq_inv_02(TCV_ch) | | 1. |
| 8 | | L?DL_DatInMmst | MmSt_02 | (P) | |
| 9 | | [TSPC_BC = TRUE] | | | 2. |
| 10 | | +BasicServiceMT(TSPX_MTBscSvcA, TSPX_MTChRateA, TSPX_MTMConnA) | | | |
| 11 | | +Authentication(TCV_ch, TSPX_CKSNDf) | | | |
| 12 | | +Cipherring_on(TCV_ch) | | | |
| 13 | | L!DL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupSnd(TCV_ch, TCV_Setup_mt) | | |
| 14 | | L?DL_DatInCallCo | CallCfm_01 | (P) | |
| 15 | | L!DL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 16 | | +WaitMainLinkDown | | | |
| 17 | | [TSPC_BC = FALSE] | | | 3. |
| 18 | | L!DL_DatRqSetup | SetupRq_01(TCV_ch) | | |
| 19 | | L?DL_DatInRelCmp | RelCmp_02(TI_01) | (P) | |
| 20 | | L!DL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 21 | | +WaitMainLinkDown | | | |
| Detailed Comments: | | <p>1. To send an invalid IDENTITY REQUEST message in which the identity type IE contains reserved value on the channel C_SDCCH4_A_1.</p> <p>2. This subtree is for the MS which supports at least one bearer capability.</p> <p>3. This subtree is for the MS which does not support any bearer capability.</p> | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_26_5_5_2_3 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS on receipt of an MM message containing an IE unknown in the message, but encoded as "comprehension required" ignores the message except for the fact that it returns an MM-STATUS message with cause value #96 "invalid mandatory information"; this in the special case of the MM message being a LOCATION UPDATING ACCEPT responding to a LOCATION UPDATING REQUEST from the MS. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +Varinit_fixB | | | |
| 6 | | +StartCellB_1(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0 B, TSPX_IMSI) | | | |
| 8 | body | +localbody | | | |
| | | localbody | | | |
| 9 | | +LowRfLev_Cellnotavail(C_CellA) | | | 1. |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_20(C_RACH_B_1) | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | LIDL_UdatRqImmass | ImmAss_06(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TimingAdv_01) | | |
| 13 | | L?DL_EstInLupRq | LocUp_04(TCV_ch, C_normal_updating, MiTmsi_01) | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | LIDL_DatRqLupAcp | LocAcp_inv_02(TCV_ch) | | 2. |
| 16 | | L?DL_DatInMmst | MMSt_02 | | |
| 17 | | L?DL_Relln | DLRellnd_01 | | |
| 18 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 19 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 20 | | LIDL_UdatRqImmass | ImmAss_06(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TimingAdv_01) | | |
| 21 | | L?DL_EstInLupRq | LocUp_04(TCV_ch, C_normal_updating, Milmsi_01) | | |
| 22 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 23 | | LIDL_DatRqLupAcp | LocAcp_03(TCV_ch) | | 3. |
| 24 | | L?DL_DatInTmsireCom | TmsiReallocCmp_02(TCV_ch) | | |
| 25 | | LIDL_DatRqChRel | ChRel_01(TCV_ch) | (P) | |
| 26 | | L?DL_Relln | DLRellnd_01 | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To lower the RF level of cell A until the MS selects cell B. 2. To send a LOCATION UPDATING ACCEPT message containing comprehension required IE. 3. To send a LOCATION UPDATING ACCEPT message containing location area identification = cell B and mobile identity = TMSI. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-------------------------|-----|----------|
| Test Case Name: | | TC_26_5_5_3_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS having an MT call in state U10, "active", on receipt of a DISCONNECT message in which the mandatory cause IE is missing shall return a RELEASE message with cause value #96 "invalid mandatory information". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcI,TSPX_MTChRatel,TSPX_MT_ImmConnI) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Immasc, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immasc, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | |
| 9 | body | L!DL_DatRqDisc | Disc_inv_02(TCV_ch Tch) | | 1. |
| 10 | | L?DL_DatInRel | ReleaseInd_01 | (P) | |
| 11 | | L!DL_DatRqRelCmp | RelCmpRq_01(TCV_ch Tch) | | |
| 12 | | +PostMainLinkRel(TCV_ch Tch) | | | |
| Detailed Comments: | | 1. To send an invalid DISCONNECT message in which the mandatory cause IE is missing. | | | |

| Test Case Dynamic Behaviour | | | | | |
|---|-------|---|-------------------------|-----|----------|
| Test Case Name: TC_26_5_5_3_1_2 | | | | | |
| Group: GSM_L3_MS_v4170/BiBo/ | | | | | |
| Purpose: To verify that the MS having an MT call in state U10, "active", on receipt of a STATUS message in which the mandatory cause IE and call state IE are missing shall ignore the message except for the fact that it return a STATUS message with cause value #96 "invalid mandatory information" (that the MS does not change state is checked by use of the status enquiry procedure). | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcJ,TSPX_MTChRateJ,TSPX_MT_ImmConnJ) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_03(C_ImmMass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | |
| 9 | body | LIDL_DatRqCst | CCSt_inv_01(TCV_ch Tch) | | 1. |
| 10 | | L?DL_DatInCst | CCSt_04(TI_01) | (P) | |
| 11 | | +CCstatuschk_01(TCV_chTch, C_U10) | | | |
| 12 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: 1. To send an invalid STATUS message in which the mandatory cause IE and call state IE are missing. | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-----------------------------|-----|----------|
| Test Case Name: | | TC_26_5_5_3_2 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that an MS supporting the call control protocol for at least one BC having a call control entity in state U3 ignores a CONNECT message containing in the non-imperative part an IE encoded as comprehension required except for the fact that it returns a STATUS message with cause value #96 "invalid mandatory information". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +PreEnterCCstateU3(TimingAdv_01) | | | |
| 7 | body | L!DL_DatRqConnErr | Conn_inv_01(TCV_TI, TCV_ch) | | 1. |
| 8 | | L?DL_DatInCcst | CCSt_04(TCV_TI0) | (P) | 2. |
| 9 | | +CCstatuschk_03(C_U3, TCV_TI) | | | 3. |
| 10 | | LIDL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 11 | | L?DL_Relln | DLRellnd_01 | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To send an invalid CONNECT message containing comprehension required IE. 2. The expected STATUS message received. 3. To check whether the MS is still in the state U3. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|-------------------------|
| Test Case Name: | | TC_26_5_6_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS on receipt of an MM message containing an IE unknown in the message and unknown in the MM protocol which is not encoded as "comprehension required" ignores that IE; this in the special case of the MM message being a LOCATION UPDATING ACCEPT responding to a LOCATION UPDATING REQUEST from the MS. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_07(C_Immass,TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +Varinit_fixA | | | |
| 6 | | +StartCellA_2(C_Immass,TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +ltree_body | | | |
| | | ltree_body | | | |
| 8 | | +LowRfLev_Cellnotavail(C_CellB) | | | |
| 9 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_02 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 12 | | L?DL_EstInLupRq | LocUp_04(TCV_ch, C_normal_updating, MiTmsi_01) | | 2. |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | L!DL_DatRqLupAcpErr | LocAcp_inv_04(TCV_ch) | | 3. |
| 15 | | L?DL_DatInTmsireCom | TmsiReallocCmp_02(TCV_ch) | (P) | |
| 16 | | +local_postamble | | | |
| 17 | | +PostMainLinkRel(TCV_ch) | | | |
| | | local_postamble | | | |
| 18 | | +TmsiReallocation(MiTmsi_01, C_lacellA) | | | 4. |
| Detailed Comments: | | <ol style="list-style-type: none"> The MS listen to cell B. The mobile identity is TMSI of the MS. To send an invalid LOCATION UPDATING ACCEPT message containing unknown IEI and new TMSI. Local Postamble: to ensure that the test case terminates with the default TMSI. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|-------------------------|
| Test Case Name: | | TC_26_5_6_1_2 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS on receipt of an MM message containing an IE unknown in the message, but known in the MM protocol, which is not encoded as "comprehension required" ignores that IE; this in the special case of the MM message being a LOCATION UPDATING ACCEPT responding to a LOCATION UPDATING REQUEST from the MS. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_07(C_Immass,TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +Varinit_fixA | | | |
| 6 | | +StartCellA_2(C_Immass,TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +ltree_body | | | |
| | | ltree_body | | | |
| 8 | | +LowRfLev_Cellnotavail(C_CellB) | | | |
| 9 | | L?DL_RaChRq (TCV_Rr := DL_RaChRq.msg.ecau_rrf, TCV_Fn := DL_RaChRq.fn) | ChReq_02 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 12 | | L?DL_EstInLupRq | LocUp_04(TCV_ch, C_normal_updating, MiTmsi_01) | | 2. |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | L!DL_DatRqLupAcpErr | LocAcp_inv_03(TCV_ch) | | 3. |
| 15 | | L?DL_DatInTmsireCom | TmsiReallocCmp_02(TCV_ch) | (P) | |
| 16 | | +local_postamble | | | |
| 17 | | +PostMainLinkRel(TCV_ch) | | | |
| | | local_postamble | | | |
| 18 | | +TmsiReallocation(MiTmsi_01, C_lacellA) | | | 4. |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. The MS listen to cell B. 2. The mobile identity is TMSI of the MS. 3. To send a LOCATION UPDATING ACCEPT message containing unknown IE and new TMSI. 4. Local Postamble: to ensure that the test case terminates with the default TMSI. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------|---|----------|
| Test Case Name: | | TC_26_5_6_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that an MS supporting the CC protocol for at least one BC receiving a CC message containing an IE unknown in the message which is not encoded as "comprehension required" ignores that IE; this in the special case of the CC message being a CALL PROCEEDING message received by the MS in state U1. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +PreEnterCCstateU1(TimingAdv_01) | | | |
| 7 | body | L!DL_DatRqCallProc | CallProc_inv_02(TCV_TI, TCV_ch) | | 1. |
| 8 | | +CCstatuschk_03(C_U3, TCV_TI) | | | 2. |
| 9 | | L!DL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 10 | | L?DL_Relln | DLRelInd_01 | | |
| Detailed Comments: | | 1. To send an invalid CALL PROCEEDING message containing optional unknown IE. 2. To check whether the MS enters the state U3, the verdict is assigned in the test step. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-------------------------|-----|----------|
| Test Case Name: | | TC_26_5_6_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that an MS supporting the CC protocol for at least one BC receiving a CC message containing an IE unknown in the message which is not encoded as "comprehension required" ignores that IE; this in the special case of a DISCONNECT message received by the MS in state U10. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcJ,TSPX_MTChRateJ,TSPX_MT_ImmConnJ) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_03(C_ImmMass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | 1. |
| 9 | body | LIDL_DatRqDiscErr | Disc_inv_03(TCV_ch Tch) | | 2. |
| 10 | | L?DL_DatInRel | ReleaseInd_03(TI_01) | (P) | |
| 11 | | +CCstatuschk_01(TCV_chTch, C_U19) | | | |
| 12 | | LIDL_DatRqChRel | ChRel_01(TCV_chTch) | | |
| 13 | | L?DL_Relln | DLRelInd_01 | | |
| Detailed Comments: | | 1. To enter CC state U10. 2. To send an invalid DISCONNECT message containing optional unknown IE. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------------|-----|----------|
| Test Case Name: | | TC_26_5_6_2_3 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that an MS supporting the CC protocol for at least one BC receiving a CC message containing an IE unknown in the message which is not encoded as "comprehension required" ignores that IE; this in the special case of a RELEASE message received by the MS having sent in state U10 a DISCONNECT message | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmAss, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_03(C_ImmAss, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | 1. |
| 9 | body | +TermCall | | | |
| 10 | | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TI_01)) | | |
| 11 | | LIDL_DatRqRel | RelRq_inv_01(TI_02, TCV_chTch) | | 2. |
| 12 | | L?DL_DatInRelCmp | RelCmp_02(TI_01) | (P) | |
| 13 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To enter CC state U10. | | | |
| | | 2. To send an invalid RELEASE REQUEST message containing unknown optional IE. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_5_6_2_4 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that an MS supporting the CC protocol for at least one BC receiving a CC message containing an IE unknown in the message which is not encoded as "comprehension required" ignores that IE; this in the special case of a RELEASE COMPLETE message received by the MS in state U19. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcB,TSPX_MTChRateB,TSPX_MT_ImmConnB) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_03(C_ImmMass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | |
| 9 | body | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 10 | | L?DL_DatInRel | ReleaseInd_02 | | |
| 11 | | L!DL_DatRqRelCmp | RelCmpRq_inv_02(TCV_chTch) | | 1. |
| 12 | | L?DL_Relln | DLRellnd_01 | (P) | |
| Detailed Comments: | | 1. To send an invalid RELEASE COMPLETE message containing unknown optional IE. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-------------------------|-----|----------|
| Test Case Name: | | TC_26_5_6_3 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS ignores an IE which is unknown in a message for Radio Resource Management in the special cases of CIPHERING MODE COMMAND, ASSIGNMENT COMMAND and CHANNEL RELEASE. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_03(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 8 | | (TCV_Null := OM_CphMdChg(TCV_ch, CphMod_01, TCV_CphKey)) | | | |
| 9 | body | L!DL_DatRqCphmCmdErr | CphCmd_inv_03(TCV_ch) | | 1. |
| 10 | | L?DL_DatInCphmCom | CphCmp_01 | (P) | |
| 11 | | (TCV_AssCmd := AsgnCmd_inv_02('011'B, TSPX_TscDef)) | | | |
| 12 | | +Adjust_gsmaddcs_powerlvl(7, 7, TCV_AssCmd) | | | |
| 13 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 14 | | L!DL_DatRqChRelErr | ChRel_inv_03(TCV_chTch) | | 3. |
| 15 | | L?DL_Relln | DLRelInd_01 | P | |
| Detailed Comments: | | 1. To send a CIPHERING MODE COMMAND message containing unknown IE. 2. To send an ASSIGNMENT COMMAND message containing unknown IE. 3. To send a CHANNEL RELEASE message containing unknown IE. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_5_7_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS ignores the value of spare bits in the special case of the spare bits occurring in the P1 Rest Octets IE of a PAGING REQUEST TYPE 1 message. That the spare bits are ignored is checked by addressing the MS in that PAGING REQUEST message and verifying that the MS responds to that paging. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_inv_04) | | 1. |
| 8 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | (P) | |
| 9 | | L!DL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| Detailed Comments: | | 1. To send a PAGING REQUEST TYPE1 message containing rest octets which are not all '2B'O. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_5_7_1_2 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS in the MM-state "idle, updated" and in RR-idle mode ignores the value of spare bits in the special case where these spare bits are contained in S13 rest octets IE and S14 rest octets IE. That the MS ignores the value of the spare bits is checked by changing the LAI in those message and observing the MS initiating a location update though the spare bits do not all have the default value. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +modifysysinfo | | | |
| 7 | body | START T_dly(30000) | | | |
| 8 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) CANCEL T_dly | ChReq_09 | (P) | |
| 9 | | LIDL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 10 | | ?TIMEOUT T_dly | | F | |
| 11 | | modifysysinfo [TSPC_PGSM OR TSPC_EGSM] | | | |
| 12 | | L!DL_UdatRqSysinfo3 | SysInfo3_inv_01 | | 1. |
| 13 | | LIDL_UdatRqSysinfo4 | SysInfo4_inv_01 | | |
| 14 | | [TSPC_DCS] | | | |
| 15 | | L!DL_UdatRqSysinfo3 (DL_UdatRqSysinfo3.msg.csp := CellSelPara_04) | SysInfo3_inv_01 | | 1. |
| 16 | | LIDL_UdatRqSysinfo4 (DL_UdatRqSysinfo4.msg.csp := CellSelPara_04) | SysInfo4_inv_01 | | |
| Detailed Comments: | | 1. To send modified SYSTEM INFORMATION TYPE 3 and TYPE 4. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_26_5_7_1_3 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS in the MM-state "idle, updated" and in RR-idle mode ignores the value of spare bits in the special case of the spare bits occurring in the Page Mode IE, the Spare Half Octet IE, the Channel Description IE, the Timing Advance IE, the IA Rest Octet IE, and in the IAR Rest Octet IE. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | +localtree1 | | | |
| | | localtree1 | | | |
| 8 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L! DL_UdatRqImmass | ImmAss_inv_04(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TimingAdv_02) | | 1. |
| 12 | | L?DL_EstInPgRes | PgRes_01 | (P) | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | L!DL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 15 | | L?DL_RelIn | DLRelInd_01 | (P) | |
| 16 | | START T_dly(10000) | | | |
| 17 | | ?TIMEOUT T_dly | | | |
| 18 | | +localtree2 | | | |
| | | localtree2 | | | |
| 19 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 20 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 21 | | L!DL_UdatRqImmassRej | ImmAssRej_inv_02(TCV_agch, TCV_Rr, TCV_Fn) | | 2. |
| 22 | | START T_dly(6000) | | | |
| 23 | | ?TIMEOUT T_dly | | | |
| 24 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 25 | | L?DL_RaInChRq | ChReq_01 | P | |
| Detailed Comments: | | 1. To send an invalid IMMEDIATE ASSIGNMENT message containing arbitrary spare bits. 2. To send an invalid IMMEDIATE ASSIGNMENT REJECT message containing arbitrary spare bits. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------------------------------|----|----------|
| Test Case Name: | | TC_26_5_7_1_4 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS in the MM-state "MM-Connection active" and in RR-Connected mode ignores the value of spare bits in the special case of the spare bits occurring in the Cell Channel Description IE and in the Power Command IE. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa1, FreqTCHa2, TimingAdv_01, '000'B, '001'B, '011'B) | | 1. | |
| 7 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 8 | body | +Cipherring_on(TCV_ch) | | | |
| 9 | | L!DL_DatRqSetup | SetupRq_05(TCV_ch, Setup_04) | | 2. |
| 10 | | L?DL_DatInCallCo | CallCfm_01 | | |
| 11 | | L?DL_DatInAlert | AlertRcv_01 | | |
| 12 | | (TCV_Null := OO_HookOff()) | | | |
| 13 | | +localtree1 | | | |
| 14 | | L?DL_DatInConn | ConnRcv_01 | | |
| 15 | | +localtree1 | | | |
| 16 | | localtree1 | | | |
| 17 | | +assign | | | 3. |
| 18 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 19 | | L!DL_DatRqChRel | ChRel_01(TCV_chTch) | | 4. |
| 20 | | +WaitMainLinkDown | | | |
| 21 | | assign | | | |
| 22 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 23 | | (TCV_AssCmd := AsgnCmd_tchf_fh_03(TSPX_TmSlitDef, TSPX_TscDef, CphMod_04iei(TSPX_CphAlgE))) | | | |
| 24 | | [TSPC_DCS] | | | |
| 25 | | (TCV_AssCmd := AsgnCmd_dtchf_fh_03(TSPX_TmSlitDef, TSPX_TscDef, CphMod_04iei(TSPX_CphAlgE))) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as hopping traffic channel. 2. To send SETUP message indicating full rate channel and containing signal IE. 3. To send a modified ASSIGNMENT COMMAND containing randomly chosen spare bits. 4. The assignment procedure succeeds. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------------------------|-----|----------|
| Test Case Name: | | TC_26_5_7_2 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS in the MM-state "wait net cmd" and in RR-Connected mode ignores the value of spare bits in the special case of the spare bits occurring in the Cipher Key Seq. Number IE or in the Identity Type IE. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 7 | body | L!DL_DatRqAuthRq | AuthReq_inv_01(TCV_ch) | | 1. |
| 8 | | L?DL_DatInAuthRes | AuthRes_01 | (P) | |
| 9 | | L!DL_DatRqdRq | IDReq_inv_03(TCV_ch) | | 2. |
| 10 | | L?DL_DatInIdRes | IDRes_02 | (P) | |
| 11 | | L!DL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 12 | | +WaitMainLinkDown | | | |
| Detailed Comments: | | 1. To send a modified AUTHENTICATION REQUEST message containing arbitrary spare bits. 2. To send a modified IDENTITY REQUEST message containing arbitrary spare bits. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|----------------------------|-----|----------|
| Test Case Name: | | TC_26_5_7_3 | | | |
| Group: | | GSM_L3_MS_v4170/BiBo/ | | | |
| Purpose: | | To verify that the MS in the MM-state "connection established" and in RR-Connected mode ignores the value of spare bits in the special case of the spare bits occurring in the Calling party BCD Number IE, Calling Party Subaddress IE, Called Party Subaddress IE, Cause IE and Progress Indicator IE. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 8 | body | LIDL_DatRqAuthRq | AuthReq_01(TCV_ch) | | |
| 9 | | L?DL_DatInAuthRes | AuthRes_01 | | |
| 10 | | +Cipherring_on(TCV_ch) | | | |
| 11 | | +localtree | | | |
| | | localtree | | | |
| 12 | | LIDL_DatRqSetup | SetupRq_inv_02(TCV_ch) | 1. | |
| 13 | | L?DL_DatInCallCo(TCV_CallCfm := DL_DatInCallCo.msg) | CallCfm(CallConfirm_03) | (P) | |
| 14 | | L?DL_DatInAlert | AlertRcv_01 | | |
| 15 | | (TCV_Null := OO_HookOff()) | | | |
| 16 | | L?DL_DatInConn | ConnRcv_01 | | |
| 17 | | +localtree1 | | | |
| 18 | | L?DL_DatInConn | ConnRcv_01 | | |
| 19 | | +localtree1 | | | |
| | | localtree1 | | | |
| 20 | | +AssCmdGenMT(C_Full) | | | |
| 21 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 22 | | LIDL_DatRqConnAck | ConnAck_01(TCV_ch Tch) | | |
| 23 | | LIDL_DatRqDisc | Disc_inv_04(TCV_ch Tch) | | |
| 24 | | +CCstatuschk_01(TCV_chTch, C_U12) | | 2. | |
| 25 | | LIDL_DatRqRel | RelRq_02(TI_02, TCV_chTch) | | |
| 26 | | L?DL_DatInRelCmp | RelCmp_02(TI_01) | | |
| 27 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To send a SETUP message containing arbitrary spare bits. 2. To check whether the MS enters the state U12, if no the test case fails in the test step. | | | |

Test Group RR

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_6_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS can correctly set up a dedicated SDCCH control channel and that the MS can correctly set up a dedicated TCH/FACCH control channel. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Immass, TCV_slot, TCV_tsc, 5,1,0, TimingAdv_r01,'000'B, '000'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 6 | body | +testSdcch8 | | | |
| 7 | | [TSPC_FullRateOnly = TRUE] | | | |
| 8 | | +testTchf | | | |
| 9 | | [TSPC_DualRate = TRUE] | | | |
| 10 | | +testTchh | | | |
| 11 | | +testTchf | | | |
| | | testSdcch8 | | | |
| 12 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubA, C_Immass, TSPX_TmSltDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 2. |
| 13 | | +channelass(ChDescrp_r01def(TSPX_TmSltDef, TSPX_TscDef), TCV_ch) | | | 3. |
| 14 | | +PostMainLinkRel(TCV_ch) | | | |
| | | testTchf | | | |
| 15 | | +FullRateCh_A_1_nociph(C_Immass, TSPX_TmSltDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 4. |
| 16 | | ?TIMEOUT T_dly | | | |
| 17 | | +channelass(ChDescrp_r02(TSPX_TmSltDef, TSPX_TscDef), TCV_chTch) | | | 5. |
| 18 | | CANCEL T_dly | | | |
| 19 | | +PostMainLinkRel(TCV_chTch) | | | |
| | | testTchh | | | |
| 20 | | +HalfRateCh_A_1_nociph(TSPX_TCHHSubA, C_Immass, TSPX_TmSltDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 6. |
| 21 | | ?TIMEOUT T_dly | | | |
| 22 | | +channelass(ChDescrp_r03(TSPX_TCHHSubA, TSPX_TmSltDef, TSPX_TscDef), TCV_chTch) | | | 7. |
| 23 | | +PostMainLinkRel(TCV_chTch) | | | |
| | | channelass(chd:CHD; ch: LOGICCH) | | | |
| 24 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 25 | | L?DL_RaInChRq(TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 26 | | START T_dly(C_T_Wait) | | | |
| 26 | | LIDL_UdatRqImmass | ImmAss_r(TCV_agch, chd, TCV_Rr, TCV_Fn, TimingAdv_r01) | | |
| 27 | | L?DL_EstInPgRes | PgRes_02(ch) | (P) | |

Detailed Comments:

1. To setup a physical channel as non-combined ccch/sdcch, 5 slots for Tx-int, 1 retransmission
2. To setup a physical channel as SDCCH8.
3. To assign a SDCCH8 channel.
4. To setup a physical channel as full rate traffic channel.
5. To assign a full rate channel.
6. To setup a physical channel as half rate traffic channel.
7. To assign a half rate channel.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_6_1_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS goes to the allocated SDCCH/4 and sends a PAGING RESPONSE message containing its identity and its classmark. To verify that the MS goes to the allocated SDCCH/8 and sends a PAGING RESPONSE message containing its identity and its classmark. To verify that the MS can correctly identify its own assignment in either the Request Reference 1 or the Request Reference 2 information element in an extended assignment message. To verify that the MS only reacts to an Immediate Assignment which references one of the last 3 CHANNEL REQUEST messages from the MS. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r02, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | +firstPart | | | |
| 8 | | +secondPart | | | |
| 9 | | +PreEnterIdleState_r01(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r02, '000'B, '000'B, '011'B, '00'O) | | | 2. |
| 10 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubC, C_Immass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r02, '000'B, '000'B, '011'B) | | | |
| 11 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 12 | | START T_dly(40000) | | | |
| 13 | | ?TIMEOUT T_dly | | | |
| 14 | | +thirdPart | | | |
| | | firstPart | | | |
| 15 | | [(TSPX_nPara < 9) AND(TSPX_nPara > 0) AND(TSPX_i1Para > 0) AND (TSPX_i1Para <= TSPX_nPara)] | | | |
| 16 | | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 17 | | (TCV_Cnt := 0) | | | |
| 18 | | REPEAT localTree UNTIL [TCV_Cnt = TSPX_nPara] | | | 5. |
| 19 | | (TCV_Rqr := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, TSPX_i1Para, 0), TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, 10, 1)) | | | 6. |
| 20 | | +gsmOrDcs | | | 7. |
| 21 | | L?DL_EstInPgRes | PgRes_02(TCV_ch) | (P) | 3. |
| 22 | | +PostMainLinkRel(TCV_ch) | | | |
| 23 | | START T_dly(12000) | | | |
| 24 | | ?TIMEOUT T_dly | | | |
| 25 | | [(TSPX_nPara > 8) OR(TSPX_nPara < 1) OR(TSPX_i1Para < 1) OR(TSPX_i1Para > TSPX_nPara)] | | (I) | |
| | | secondPart | | | |
| 26 | | [(TSPX_kPara < 9) AND(TSPX_kPara > 3)] | | | |

| | | | |
|----|--|--|-----|
| 27 | AND(TSPX_i2Para >0) AND (TSPX_i2Para <= TSPX_kPara) L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | |
| 28 | (TCV_Cnt := 0) | | 8. |
| 29 | REPEAT localTree UNTIL [TCV_Cnt = TSPX_kPara] | | |
| 30 | (TCV_Rqr := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, TSPX_i2Para, 0), TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, 11, 1)) | | 9. |
| 31 | +gsmOrDcs | | 10. |
| 32 | (TCV_Cnt := 0) | | 3. |
| 33 | [TSPX_kPara = 8] | | |
| 34 | REPEAT localTree UNTIL [TCV_Cnt = 8 - TSPX_kPara] | | 11. |
| 35 | +ltree_noL2 | | |
| 36 | [TSPX_kPara <> 8] | | |
| 37 | +ltree_noL2 | | |
| 38 | [(TSPX_kPara > 8) OR(TSPX_kPara < 4) OR(TSPX_i2Para <1) OR(TSPX_i2Para > TSPX_kPara)] | (I) | |
| 39 | ltree_noL2 START T_dly(3000) | | |
| 40 | L?OTHERWISE | F | |
| 41 | ?TIMEOUT T_dly | (P) | |
| 42 | START T_dly(7000) | | |
| 43 | ?TIMEOUT T_dly | | |
| 44 | thirdPart [(TSPX_rPara < 9) AND(TSPX_rPara > 3) AND(TSPX_i3Para >0) AND (TSPX_i3Para <= TSPX_rPara)] | | |
| 45 | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | |
| 46 | (TCV_Cnt := 0) | | |
| 47 | REPEAT localTree UNTIL [TCV_Cnt = TSPX_rPara] | | 13. |
| 48 | (TCV_Rqr := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, TSPX_i3Para, 0), TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, 12, 1)) | | 14. |
| 49 | L!DL_UdatRqImmssx | ImmAssX_r02(TCV_a gch, TCV_Rqr9.ra, TCV_Rqr9.fn, TCV_Rqr.ra, TCV_Rqr.fn, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_r02) | 4. |
| 50 | L?DL_EstInPgRes | PgRes_02(TCV_ch) | (P) |
| 51 | +PostMainLinkRel(TCV_ch) | | |
| 52 | [(TSPX_rPara > 8) OR(TSPX_rPara < 4) OR(TSPX_i3Para <1) OR(TSPX_i3Para > TSPX_rPara)] | (I) | |
| 53 | localTree L?DL_RaInChRq(TCV_Rqr.ra := DL_RaInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn) | ChReq_01 | 15. |
| 54 | (TCV_Cnt := TCV_Cnt +1) | | |
| 55 | (TCV_Rqr10 := OC_SaveAndRetrv(TCV_Rqr, C_SAVE, TCV_Cnt, 0)) | | |
| 56 | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | |
| 57 | L!DL_UdatRqImmssx | ImmAssX_r01(TCV_a | |

| | | | | | |
|--|--|---------------------------------|--|--|--|
| 58 59 | | [TSPC_DCS] LIDL_UdatRqImmssx | gch, TCV_Rqr.ra, TCV_Rqr.fn, TCV_Rqr9.ra, TCV_Rqr9.fn, TCV_slot, TCV_tsc, TimingAdv_r02, TCV_chdescr_arfcn) ImmAssX_r01d(TCV_ agch, TCV_Rqr.ra, TCV_Rqr.fn, TCV_Rqr9.ra, TCV_Rqr9.fn, TCV_slot, TCV_tsc, TimingAdv_r02, TCV_chdescr_arfcn) | | |
| <p>Detailed Comments:</p> <ol style="list-style-type: none"> 1. To broadcast sys_info messages with default contents for RR tests with exception for Max_Retrans that is set to 7 and also to set up a physical channel as combined CCCH/SDCCH. 2. Non combined CCCH/SDCCH, 5 slots for Tx-int, 7 retransmission. 3. To send immediate Assignment Extended message with Request reference (TCV_Rqr) for MS1, and with request reference (TCV_Rqr9) for MS2. 4. To send immediate Assignment Extended message with Request reference (TCV_Rqr) for MS2, request reference (TCV_Rqr9) for MS1. 5. Reception of the first TSPX_nPara Channel Request messages. 6. To have a request reference pertaining to the TSPX_i1Para_i-th Channel Request where TSPX_i1Para_i-th is within {max(1, TSPX_nPara - 2), TSPX_nPara} 7. To have a request reference different from any request reference the MS has generated. 8. Reception of TSPX_kPara Channel Request messages. TSPX_kPara within the set{4...8}. 9. To have a request reference pertaining to the TSPX_i2Para_i-th Channel Request where TSPX_i2Para_i-th is within {max(1...TSPX_kPara - 3} 10. To have a request reference different from any request reference the MS has generated. 11. Channel Request 8 - TSPX_kPara Channel Requests are sent. 12. Check that the MS does not transmit any layer 2 frames for at least 3 seconds. 13. Reception of TSPX_rPara Channel Request messages. 14. To have a request reference pertaining to the TSPX_i3Para_i-th Channel Request where TSPX_i3Para_i-th is within {max(TSPX_rPara - 2...TSPX_rPara)}. 15. This local tree is used to collect and store the frame number and the request reference which are included in each ChReq_01 primitive received. | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_6_1_3 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS can accept an IMMEDIATE ASSIGNMENT REJECT. To verify that the MS can respond to paging after an IMMEDIATE ASSIGNMENT REJECT is received on a different cell. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB)) | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | +StartCellB_2(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | 2. | |
| 7 | body | +test1 | | | |
| 8 | | +ltree_switchcelltoB | | | |
| 9 | | +test2 | | | |
| 10 | | test1 [(TSPX_n1Para < 9) AND(TSPX_n1Para > 0) AND(TSPX_i4Para > 0) AND (TSPX_i4Para <= TSPX_n1Para) AND(TSPX_xPara < 256) AND(TSPX_xPara > 4)] | | | |
| 11 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 12 | | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | Cell A |
| 13 | | (TCV_Cnt := 0) | | | |
| 14 | | REPEAT localTree UNTIL [TCV_Cnt = TSPX_n1Para] | | | |
| 15 | | (TCV_Rqr := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, TSPX_i4Para, 0), TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, 10, 1), TCV_Rqr10 := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, 11, 1), TCV_Rqr11 := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, 12, 1)) | | | |
| 16 | | LIDL_UdatRqImmassRej | ImmAssRej_r01(TCV_agch, TCV_Rqr9, TCV_Rqr, TCV_Rqr10, TCV_Rqr11, TSPX_xPara, 0) | | |
| 17 | | +continuePaging((TSPX_xPara + 1) * 1000) | | 3. | |
| 18 | | (TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, 10, 1), TCV_Rqr10 := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, 11, 1), TCV_Rqr11 := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, 12, 1)) | | | |
| 19 | | LIDL_UdatRqImmassRej | ImmAssRej_r01(TCV_agch, TCV_Rqr9, TCV_Rqr, TCV_Rqr11, 0, 255) | | |
| 20 | | [(TSPX_n1Para > 8) OR(TSPX_n1Para < 1) OR(TSPX_i4Para < 1) OR(TSPX_i4Para > TSPX_n1Para) AND(TSPX_xPara > 255) AND(TSPX_xPara < 5)] | | (l) | |
| 21 | | test2 START T_dly(12000) | | | |

| | | | | | |
|---------------------------|------|---|--|-----|--|
| 22 | | +CCCH_group_Paging_group(TCV_Ccd0B, TSPX_IMSI) | | | |
| 23 | | ?TIMEOUT T_dly | | | |
| 24 | | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | Cell B |
| 25 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_15(C_RACH_ B_1) | (P) | 5. |
| 26 | | LIDL_UdatRqImmRej | ImmAssRej_r03(TCV_ agch, TCV_Rr, TCV_Fn) | | |
| | | continuePaging(t:INTEGER) | | | |
| 27 | | START T_dly(t) | | | |
| 28 | loop | ?TIMEOUT T_dly | | | No reaction |
| 29 | | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 30 | | L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq. msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn) | ChReq_15(C_RACH_ A_1) | (P) | 4. |
| 31 | | (TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_SAVE,(TCV_Cnt + 1), 0)) | | | |
| 32 | | LIDL_UdatRqPg1Rq START T_dly1(1177) | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | Every 5 multiframes |
| 33 | | L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq. msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn) READTIMER T_dly(TCV_Time), CANCEL T_dly1, CANCEL T_dly | ChReq_15(C_RACH_ A_1) | | Received at least one channel request within x+1s. |
| 34 | | (TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_SAVE,(TCV_Cnt + 1), 0)) | | | |
| 35 | | [(TCV_Time <= (TSPX_xPara * 1000)) AND(TCV_Time > 0)] | | (F) | received within 1s. |
| 36 | | [(TCV_Time > (TSPX_xPara * 1000)) OR (TCV_Time = 0)] | | (P) | received btw x, x+1 s. |
| 37 | | ?TIMEOUT T_dly1 | | | |
| 38 | | GOTO loop | | | |
| | | localTree | | | |
| 39 | | L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq. msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn) | ChReq_15(C_RACH_ A_1) | (P) | |
| 40 | | (TCV_Cnt := TCV_Cnt + 1) | | | |
| 41 | | (TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_SAVE, TCV_Cnt, 0)) | | | |
| | | ltree_switchcelltoB | | | |
| 42 | | +Varinit_fixB | | | |
| 43 | | +LowRfLev_Cellnotavail(C_CellA) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as combined CCCH/SDCCH, 5 for Tx-int, 7 retransmission used as cell A. 2. To setup a physical channel as combined cch/sdcch4 used as cell B. The location area code is the same as cell A. 3. To send PAGING REQUEST message every 5 multiframes of the mobile station's paging subgroup for x+1 seconds. 4. The MS responds the paging after x+1 s. expires, pass. 5. The MS responds the paging in cell B, pass. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_6_1_4 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS ignores an assignment for another MS while it is waiting for an assignment of its own. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 8 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := OC_FnInc(DL_RaInChRq.fn, 2)) | ChReq_01 | | 2. |
| 9 | | +gsmOrDcs | | | |
| 10 | | START T_dly(2000) | | | |
| 11 | | ?TIMEOUT T_dly | | | |
| 12 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | (P) | |
| 13 | | L!DL_UdatRqImmassRej | ImmAssRej_r02(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 14 | | +localtree1 | | | |
| 15 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | (P) | |
| 16 | | L!DL_UdatRqImmassRej | ImmAssRej_r02(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 17 | | ?TIMEOUT T_dly | | | |
| 18 | | +localtree1 | | | |
| localtree1 | | | | | |
| 19 | | START T_dly(6000) | | | |
| 20 | | ?TIMEOUT T_dly | | | |
| 21 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 22 | | L?DL_RaInChRq (TCV_Rr := OC_BinAdd(DL_RaInChRq.msg.ecau_rrf, '00000010'B), TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | 3. |
| 23 | | +gsmOrDcs | | | |
| 24 | | START T_dly(2000) | | | |
| 25 | | ?TIMEOUT T_dly | | | |
| 26 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 27 | | L!DL_UdatRqImmassRej | ImmAssRej_r02(TCV_agch, TCV_Rr, TCV_Fn) | P | |
| 28 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 29 | | L!DL_UdatRqImmassRej | ImmAssRej_r02(TCV_agch, TCV_Rr, | (P) | |

| | | | | | |
|---|--|-------------------------------------|---|--|--|
| 30 | | ?TIMEOUT T_dly | TCV_Fn) | | |
| 31 | | gsmOrDcs L!DL_UdatRqImmss | ImmAss_r10(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubB , TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | | |
| Detailed Comments: <ol style="list-style-type: none"> 1. To setup a physical channel as combined bcch/sdcch, default parameters for cell A. 2. making a frame number is of 2 higher. 3. Making a wrong request reference. | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_6_1_5 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS correctly responds to an IMMEDIATE ASSIGNMENT message sent after an IMMEDIATE ASSIGNMENT REJECT message. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_Cella, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Immass, TCV_slot, TCV_tsc, 7,7,0, TimingAdv_r01, '000'B, '000'B, '011'B, '00'O) | | | 1. |
| 5 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubDef, C_Immass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 2. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 8 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 9 | | L?DL_RaInChRq (TCV_Rr1 := DL_RaInChRq.msg.ecau_rrf, TCV_Fn1 := DL_RaInChRq.fn) | ChReq_01 | | |
| 10 | | L?DL_RaInChRq | ChReq_01 | | |
| 11 | | L!DL_UdatRqImmassRej | ImmAssRej_05(TCV_agch, TCV_Rr, TCV_Fn) | | |
| 12 | | START T_dly1(OC_Random(750, 1250)) | | | |
| 13 | | ?TIMEOUT T_dly1 | | | |
| 14 | | +gsmOrDcs | | | |
| 15 | | L?DL_EstInPgRes | PgRes_02(TCV_ch) | (P) | 3. |
| 16 | | +PostMainLinkRel(TCV_ch) | | | |
| 17 | | gsmOrDcs | | | |
| 18 | | [TSPC_PGSM OR TSPC_EGSM] L!DL_UdatRqImmass | ImmAss_r02(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubD, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_r01) | | |
| 19 | | [TSPC_DCS] | | | |
| 20 | | L!DL_UdatRqImmass | ImmAss_r02d(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubD, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_r01) | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as non-combined CCCH/SDCCH, Tx-int= 7 , retransmission = 7. 2. To setup a physical channel as SDCCH8. 3. The expected PAGING RESPONSE received on the correct channel (TSPX_SDCCH8SubD) | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_6_2_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that the MS is able to determine its CCCH group and paging group correctly and that the MS responds correctly to various PAGING REQUEST TYPE 1 messages when the page mode is set to normal paging. All valid ways of addressing the MS are tested. It is tested that the MS responds with the same type of identity that is used in the PAGING REQUEST TYPE 1 message. It is tested that the MS ignores fill paging. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubC, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubC, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_r02(C_Immass, TCV_slot, TCV_tsc, 5, 2, C_S2, C_S4, C_S6, TimingAdv_r01, 0, INT_TO_BIT(TSPX_AGBLKS1, 3), TSPX_CcchConf1, INT_TO_BIT((TSPX_PAMFRMS1-2), 3), '00'O) | | | |
| 6 | | +local_tree | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 8 | body | +test1 | | | |
| 9 | | START T_dly(12000) | | | |
| 10 | | ?TIMEOUT T_dly | | | |
| 11 | | +test2 | | | |
| 12 | | START T_dly(12000) | | | |
| 13 | | ?TIMEOUT T_dly | | | |
| 14 | | +test3 | | | |
| 15 | | START T_dly(12000) | | | |
| 16 | | ?TIMEOUT T_dly | | | |
| 17 | | +test4 | | | |
| 18 | | START T_dly(12000) | | | |
| 19 | | ?TIMEOUT T_dly | | | |
| 20 | | +test5 | | | |
| | | test1 | | | |
| 21 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_05) | | 1. |
| 22 | | L?DL_RaInChRq | ChReq_01 | | |
| 23 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 24 | | +gsmOrDcs | | | |
| 25 | | L?DL_EstInPgRes | PgRes_r05 | (P) | |
| 26 | | +PostMainLinkRel(TCV_ch) | | | |
| | | test2 | | | |
| 27 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_r01) | | 2. |
| 28 | | L?DL_RaInChRq | ChReq_01 | | |
| 29 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 30 | | +gsmOrDcs | | | |
| 31 | | L?DL_EstInPgRes | PgRes_r04 | (P) | |
| 32 | | +PostMainLinkRel(TCV_ch) | | | |
| | | test3 | | | |
| 33 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, | | 3. |

| | | | | |
|-------------------|--|---|-----|----|
| 34 | L?DL_RaInChRq | TCV_Pgg, PgReqTp1_r02) | | |
| 35 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 ChReq_01 | | |
| 36 | +gsmOrDcs | | | |
| 37 | L?DL_EstInPgRes | PgRes_r05 | (P) | |
| 38 | +PostMainLinkRel(TCV_ch) | | | |
| test4 | | | | |
| 39 | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_r03) | | 4. |
| 40 | L?DL_RaInChRq | ChReq_01 | | |
| 41 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 42 | +gsmOrDcs | | | |
| 43 | L?DL_EstInPgRes | PgRes_r04 | (P) | |
| 44 | +PostMainLinkRel(TCV_ch) | | | |
| test5 | | | | |
| 45 | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_r04) | | 5. |
| 46 | START T_dly(1000) | | | |
| 47 | ?TIMEOUT T_dly | | P | |
| 48 | L?OTHERWISE | | F | 6. |
| gsmOrDcs | | | | |
| 49 | [TSPX_CcchConf1='000'B] | | | |
| 50 | +gsmOrDcs2 | | | |
| 51 | [TSPX_CcchConf1='001'B] | | | |
| 52 | +gsmOrDcs1 | | | |
| 53 | [TSPX_CcchConf1='??1'B] | | | |
| 54 | +gsmOrDcs2 | | | |
| gsmOrDcs1 | | | | |
| 55 | L!DL_UdatRqImm | ImmAss_r10(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubC , TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | | |
| gsmOrDcs2 | | | | |
| 56 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 57 | L!DL_UdatRqImm | ImmAss_r02(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubD ef, TSPX_TmSlDef, TSPX_TscDef, TimingAdv_r01) | | |
| 58 | [TSPC_DCS] | | | |
| 59 | L!DL_UdatRqImm | ImmAss_r02d(TCV_a gch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubD ef, TSPX_TmSlDef, TSPX_TscDef, TimingAdv_r01) | | |
| local_tree | | | | |
| 60 | [TSPX_CcchConf1 = '001'B] | | | |
| 61 | [TSPX_CcchConf1 <> '001'B] | | | |
| 62 | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubDef, C_Imm, TSPX_TmSlDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, INT_TO_BIT(TSPX_AGBLKS1, 3), TSPX_CcchConf1, INT_TO_BIT((| | | |

| | | | |
|--|-----------------------|--|--|
| | TSPX_PAMFRMS1-2), 3)) | | |
|--|-----------------------|--|--|

Detailed Comments:

1. Within the paging request message, the 1st MI contains IMSI of the MS, the 2nd is absent.
2. Within the paging request message, the 1st MI contains TMSI of the MS, the 2nd has the IMSI of an another MS.
3. Within the paging request message, the 1st MI contains TMSI of an another MS, the 2nd has the IMSI of the MS.
4. Within the paging request message, the 1st MI contains TMSI of an another MS, the 2nd has the TMSI of the MS.
5. Within the paging request message, the 1st MI contains TMSI of the MS together with type of no identity, the 2nd is absent .
6. If received any L3 frame FAIL.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_6_2_1_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that the MS is able to determine its CCCH group and paging group correctly and that the MS responds correctly to various PAGING REQUEST TYPE 2 messages when the page mode is set to normal paging. All valid ways of addressing the MS are tested. It is tested that the MS responds with the same type of identity that is used in the PAGING REQUEST TYPE 2 message. It is tested that the MS ignores a PAGING REQUEST TYPE 2 message that does not address it. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Comments: | | The configuration is Max-Retrans = 2, combined CCCH/BCCH, BS-AG-BLKS-RES = 2, and BS-PAMFRMS = 3. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_r02(C_Immass, TCV_slot, TCV_tsc, 5, 2, C_S2, C_S4, C_S6, TimingAdv_r01, 0, INT_TO_BIT(TSPX_AGBLKS2, 3), TSPX_CcchConf2, INT_TO_BIT((TSPX_PAMFRMS2-2), 3), '00'O) | | | |
| 6 | | +local_tree | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 8 | body | +test1 | | | |
| 9 | | +test2 | | | |
| 10 | | +test3 | | | |
| 11 | | +test4 | | | |
| 12 | | +test5 | | | |
| | | test1 | | | |
| 13 | | L!DL_UdatRqPg2Rq | PgReq2(TCV_PgCh, TCV_Pgg, PgReqTp2_r01) | | 1. |
| 14 | | L?DL_RacInChRq | ChReq_01 | | |
| 15 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 16 | | +localtree | | | |
| 17 | | L?DL_EstInPgRes | PgRes_r04 | (P) | |
| 18 | | +PostMainLinkRel(TCV_ch) | | | |
| | | test2 | | | |
| 19 | | START T_dly(12000) | | | |
| 20 | | ?TIMEOUT T_dly | | | |
| 21 | | L!DL_UdatRqPg2Rq | PgReq2(TCV_PgCh, TCV_Pgg, PgReqTp2_r02) | | 2. |
| 22 | | L?DL_RacInChRq | ChReq_01 | | |
| 23 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 24 | | +localtree | | | |
| 25 | | L?DL_EstInPgRes | PgRes_r04 | (P) | |
| 26 | | +PostMainLinkRel(TCV_ch) | | | |
| | | test3 | | | |
| 27 | | START T_dly(12000) | | | |
| 28 | | ?TIMEOUT T_dly | | | |
| 29 | | L!DL_UdatRqPg2Rq | PgReq2(TCV_PgCh, TCV_Pgg, PgReqTp2_r03) | | 3. |

| | | | |
|----|--|---|------|
| 30 | L?DL_RaInChRq | ChReq_01 | |
| 31 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | |
| 32 | +localtree | | |
| 33 | L?DL_EstInPgRes | PgRes_r04 | (P) |
| 34 | +PostMainLinkRel(TCV_ch) | | |
| | test4 | | |
| 35 | START T_dly(12000) | | |
| 36 | ?TIMEOUT T_dly | | |
| 37 | L!DL_UdatRqPg2Rq | PgReq2(TCV_PgCh, TCV_Pgg, PgReqTp2_r04) | 4. |
| 38 | L?DL_RaInChRq | ChReq_01 | |
| 39 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | |
| 40 | +localtree | | |
| 41 | L?DL_EstInPgRes | PgRes_r05 | (P) |
| 42 | +PostMainLinkRel(TCV_ch) | | |
| | test5 | | |
| 43 | START T_dly(12000) | | |
| 44 | ?TIMEOUT T_dly | | |
| 45 | L!DL_UdatRqPg2Rq | PgReq2(TCV_PgCh, TCV_Pgg, PgReqTp2_r05) | 5. |
| 46 | START T_dly(1000) | | |
| 47 | ?TIMEOUT T_dly | | P |
| 48 | L?OTHERWISE | | F 6. |
| | localtree | | |
| 49 | [TSPX_CcchConf2='000'B] | | |
| 50 | +gsmOrDcs2 | | |
| 51 | [TSPX_CcchConf2='001'B] | | |
| 52 | +gsmOrDcs1 | | |
| 53 | [TSPX_CcchConf2='??1'B] | | |
| 54 | +gsmOrDcs2 | | |
| | gsmOrDcs1 | | |
| 55 | L!DL_UdatRqImm | ImmAss_r10(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubB , TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | |
| | gsmOrDcs2 | | |
| 56 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 57 | L!DL_UdatRqImm | ImmAss_r02(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubD ef, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_r01) | |
| 58 | [TSPC_DCS] | | |
| 59 | L!DL_UdatRqImm | ImmAss_r02d(TCV_a gch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubD ef, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_r01) | |
| | local_tree | | |
| 60 | [TSPX_CcchConf2 = '001'B] | | |
| 61 | [TSPX_CcchConf2 <> '001'B] | | |
| 62 | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubDef, | | |

| | | | | |
|---|--|--|--|--|
| | C_Immass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, INT_TO_BIT(TSPX_AGBLKS2, 3), TSPX_CcchConf2, INT_TO_BIT((TSPX_PAMFRMS2-2), 3)) | | | |
| Detailed Comments: <ol style="list-style-type: none">1. Within the paging request message, the 1st MI contains TMSI of the IUT, the 2nd has the TMSI of an another MS, the 3rd is absent.2. Within the paging request message, the 1st MI contains TMSI of an another MS, the 2nd has the TMSI of the IUT, the 3rd is absent.3. Within the paging request message, the 1st and 2nd MI contain TMSI of an another MS, the 3rd has the TMSI of the IUT.4. Within the paging request message, the 1st and 2nd MI contain TMSI of an another MS, the 3rd has the IMSI of the IUT.5. Within the paging request message, the 1st and 2nd MI contain TMSI of an another MS, the 3rd has the TMSI of the IUT but with the type of no identity.6. If received any L3 frame FAIL. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_6_2_1_3 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that the MS is able to determine its CCCH group and paging group correctly and that the MS responds correctly to various PAGING REQUEST TYPE 3 messages when the page mode is set to normal paging. All valid ways of addressing the MS are tested. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Comments: | | The configuration is Max-Retrans = 2, 2 non-combined CCCH/BCCH, BS-AG-BLKS-RES = 5, and BS-PA-MFRMS = 6. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_r02(C_Immass, TCV_slot, TCV_tsc, 5, 2, C_S2, C_S4, C_S6, TimingAdv_r01, 0, INT_TO_BIT(TSPX_AGBLKS3, 3), TSPX_CcchConf3, INT_TO_BIT((TSPX_PAMFRMS3-2), 3), '00'O) | | | 1. |
| 6 | | +local_tree | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 8 | | +SelectPagingCh(C_CellA) | | | |
| 9 | body | +test1 | | | |
| 10 | | +test2 | | | |
| 11 | | +test3 | | | |
| 12 | | +test4 | | | |
| | | test1 | | | |
| 13 | | L?DL_UdatRqPg3Rq | PgReq3(TCV_PgCh, TCV_Pgg, PgReqTp3_r01) | | 2. |
| 14 | | L?DL_RacInChRq | ChReq_01 | | |
| 15 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 16 | | +gsmOrDcs | | | |
| 17 | | L?DL_EstInPgRes | PgRes_r04 | (P) | |
| 18 | | +PostMainLinkRel(TCV_ch) | | | |
| | | test2 | | | |
| 19 | | START T_dly(12000) | | | |
| 20 | | ?TIMEOUT T_dly | | | |
| 21 | | L?DL_UdatRqPg3Rq | PgReq3(TCV_PgCh, TCV_Pgg, PgReqTp3_r02) | | 3. |
| 22 | | L?DL_RacInChRq | ChReq_01 | | |
| 23 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 24 | | +gsmOrDcs | | | |
| 25 | | L?DL_EstInPgRes | PgRes_r04 | (P) | |
| 26 | | +PostMainLinkRel(TCV_ch) | | | |
| | | test3 | | | |
| 27 | | START T_dly(12000) | | | |
| 28 | | ?TIMEOUT T_dly | | | |
| 29 | | L?DL_UdatRqPg3Rq | PgReq3(TCV_PgCh, TCV_Pgg, PgReqTp3_r03) | | 4. |
| 30 | | L?DL_RacInChRq | ChReq_01 | | |
| 31 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := | ChReq_01 | | |

| | | | | |
|----|--|--|-----|----|
| 32 | DL_RaInChRq.fn) | | | |
| 33 | +gsmOrDcs | | | |
| 33 | L?DL_EstInPgRes | PgRes_r04 | (P) | |
| 34 | +PostMainLinkRel(TCV_ch) | | | |
| | test4 | | | |
| 35 | START T_dly(12000) | | | |
| 36 | ?TIMEOUT T_dly | | | |
| 37 | L!DL_UdatRqPg3Rq | PgReq3(TCV_PgCh, TCV_Pgg, PgReqTp3_r04) | | 5. |
| 38 | L?DL_RaInChRq | ChReq_01 | | |
| 39 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 40 | +gsmOrDcs | | | |
| 41 | L?DL_EstInPgRes | PgRes_r04 | (P) | |
| 42 | +PostMainLinkRel(TCV_ch) | | | |
| | gsmOrDcs | | | |
| 43 | [TSPX_CcchConf3='000'B] | | | |
| 44 | +gsmOrDcs2 | | | |
| 45 | [TSPX_CcchConf3='001'B] | | | |
| 46 | +gsmOrDcs1 | | | |
| 47 | [TSPX_CcchConf3='??1'B] | | | |
| 48 | +gsmOrDcs2 | | | |
| | gsmOrDcs1 | | | |
| 49 | L!DL_UdatRqImm | ImmAss_r10(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubB , TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | | |
| | gsmOrDcs2 | | | |
| 50 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 51 | L!DL_UdatRqImm | ImmAss_r02(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubE , TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_r01) | | |
| 52 | [TSPC_DCS] | | | |
| 53 | L!DL_UdatRqImm | ImmAss_r02d(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubE , TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_r01) | | |
| | local_tree | | | |
| 54 | [TSPX_CcchConf3 = '001'B] | | | |
| 55 | [TSPX_CcchConf3 <> '001'B] | | | |
| 56 | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubE, C_Imm, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, INT_TO_BIT(TSPX_AGBLKS3, 3), TSPX_CcchConf3, INT_TO_BIT(TSPX_PAMFRMS3-2), 3)) | | | |

Detailed Comments:

1. To setup three physical channels two as BCCH/CCCH's and one as SDCCH8 channel.
2. Within the paging request message, the 1st MI contains TMSI of the IUT, the 2nd, 3rd and 4th have the TMSIs of another MSs.
3. Within the paging request message, the 2nd MI contains TMSI of the IUT, the 1st, 3rd and 4th have the TMSIs of another MSs.
4. Within the paging request message, the 3rd MI contains TMSI of the IUT, the 1st, 2nd and 4th have the TMSIs of another MSs.

5. Within the paging request message, the 4th MI contains TMSI of the IUT, the 1st, 2nd and 3rd have the TMSIs of another MSs.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_6_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that the MS is operating in the extended page mode when this is ordered by the SS in either a PAGING REQUEST message or an IMMEDIATE ASSIGNMENT message. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | The configuration is Max-Retrans = 2, 1 non-combined CCCH/BCCH, BS-AG-BLKS-RES = 7, and BS-PA-MFRMS = 9. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_r02(C_Immass, TCV_slot, TCV_tsc, 5, 2, C_S2, C_S4, C_S6, TimingAdv_r01, 0, INT_TO_BIT(TSPX_AGBLKS3, 3), TSPX_CcchConf3, INT_TO_BIT((TSPX_PAMFRMS3-2), 3), '00'O) | | | 1. |
| 6 | | +local_tree | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 8 | | +SelectPagingCh(C_CellA) | | | |
| 9 | body | +test1 | | | |
| 10 | | +test2 | | | |
| 11 | | +test3 | | | |
| 12 | | +test4 | | | |
| 13 | | +test5 | | | |
| | | test1 | | | |
| 14 | | (TCV_Null := OM_2Msgs(TCV_PgCh, TCV_Pgg, C_NxtButOne)) | | | |
| 15 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_06) | | |
| 16 | | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | 2. |
| 17 | | L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn, TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_SAVE, 1, 0)) | ChReq_02 | | |
| 18 | | L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn, TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_SAVE, 2, 0)) | ChReq_02 | (P) | |
| 19 | | L!DL_UdatRqImmassRej | ImmAssRej_03(TCV_agch, TCV_Rqr.ra, TCV_Rqr.fn) | | 3. |
| | | test2 | | | |
| 20 | | START T_dly(C_T_Wait) | | | |
| 21 | | ?TIMEOUT T_dly | | | |
| 22 | | (TCV_Null := OM_2Msgs(TCV_PgCh, TCV_Pgg, C_NxtButOne), TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, 10, 1)) | | | |
| 23 | | +gsmOrDcs | | | 4. |
| 24 | | LIDL_UdatRqPg2Rq | PgReq2(TCV_PgCh, TCV_Pgg, PgReqTp2_04) | | 5. |
| 25 | | L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn, TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_SAVE, 3, | ChReq_02 | | |

| | | | | |
|----|---|---|-----|-----|
| 26 | 0) L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn, TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_SAVE, 4, 0)) | ChReq_02 | (P) | |
| 27 | LIDL_UdatRqImmRej | ImmAssRej_03(TCV_ agch, TCV_Rqr.ra, TCV_Rqr.fn) | | 3. |
| 28 | test3 START T_dly(C_T_Wait) | | | |
| 29 | ?TIMEOUT T_dly | | | |
| 30 | (TCV_Null := OM_2Msgs(TCV_PgCh, TCV_Pgg, C_NxtButOne), TCV_Rqr9 := OC_SaveAndRetrv(TCV_Rqr, C_RETRV, 11, 1)) | | | |
| 31 | +gsmOrDcs3 | | | 6. |
| 32 | LIDL_UdatRqPg3Rq | PgReq3(TCV_PgCh, TCV_Pgg, PgReqTp3_r05) | | 7. |
| 33 | L?DL_RaInChRq | ChReq_02 | | |
| 34 | L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn) | ChReq_02 | (P) | |
| 35 | LIDL_UdatRqImmRej | ImmAssRej_03(TCV_ agch, TCV_Rqr.ra, TCV_Rqr.fn) | | |
| 36 | test4 START T_dly(C_T_Wait) | | | |
| 37 | ?TIMEOUT T_dly | | | |
| 38 | (TCV_Null := OM_2Msgs(TCV_PgCh, TCV_Pgg, C_NxtButOne)) | | | |
| 39 | LIDL_UdatRqPg3Rq | PgReq3(TCV_PgCh, TCV_Pgg, PgReqTp3_01) | | 8. |
| 40 | LIDL_UdatRqPg2Rq | PgReq2(TCV_PgCh, TCV_Pgg, PgReqTp2_r06) | | 9. |
| 41 | L?DL_RaInChRq | ChReq_02 | | |
| 42 | L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn) | ChReq_02 | (P) | |
| 43 | LIDL_UdatRqImmRej | ImmAssRej_03(TCV_ agch, TCV_Rqr.ra, TCV_Rqr.fn) | | 3. |
| 44 | test5 START T_dly(C_T_Wait) | | | |
| 45 | ?TIMEOUT T_dly | | | |
| 46 | (TCV_Null := OM_2Msgs(TCV_PgCh, TCV_Pgg, C_NxtButOne)) | | | |
| 47 | LIDL_UdatRqPg2Rq | PgReq2(TCV_PgCh, TCV_Pgg, PgReqTp2_02) | | 8. |
| 48 | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_05) | | 10. |
| 49 | L?DL_RaInChRq | ChReq_02 | | |
| 50 | L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn) | ChReq_02 | (P) | |
| 51 | LIDL_UdatRqImmRej | ImmAssRej_03(TCV_ agch, TCV_Rqr.ra, TCV_Rqr.fn) | | |
| 52 | gsmOrDcs [TSPX_CcchConf3 = '000'B] | | | |
| 53 | +gsmOrDcs2 | | | |
| 54 | [TSPX_CcchConf3 = '001'B] | | | |

| | | | |
|----|---------------------------|---|----|
| 55 | +gsmOrDcs1 | | |
| 56 | [TSPX_CcchConf3 = '??1'B] | | |
| 57 | +gsmOrDcs2 | | |
| | gsmOrDcs1 | | |
| 58 | L!DL_UdatRqImmass_sp | ImmAssSp_1(TCV_PgCh, TCV_Pgg, ImmAsgn_r11(TCV_Rr, TCV_Fn, TSPX_SDCCH4SubB, TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn)) | |
| | gsmOrDcs2 | | |
| 59 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 60 | L!DL_UdatRqImmass_sp | ImmAssSp_1(TCV_PgCh, TCV_Pgg, ImmAsgn_03(TCV_Rqr9.ra, TCV_Rqr9.fn, TSPX_SDCCH8SubDef, TSPX_TmSlDef, TSPX_TscDef, TimingAdv_r01)) | 4. |
| 61 | [TSPC_DCS] | | |
| 62 | L!DL_UdatRqImmass_sp | ImmAssSp_1(TCV_PgCh, TCV_Pgg, ImmAsgn_03d(TCV_Rqr9.ra, TCV_Rqr9.fn, TSPX_SDCCH8SubDef, TSPX_TmSlDef, TSPX_TscDef, TimingAdv_r01)) | 4. |
| | gsmOrDcs3 | | |
| 63 | [TSPX_CcchConf3 = '000'B] | | |
| 64 | +gsmOrDcs5 | | |
| 65 | [TSPX_CcchConf3 = '001'B] | | |
| 66 | +gsmOrDcs4 | | |
| 67 | [TSPX_CcchConf3 = '??1'B] | | |
| 68 | +gsmOrDcs5 | | |
| | gsmOrDcs4 | | |
| 69 | L!DL_UdatRqImmassx_sp | ImmAssXSp_1(TCV_PgCh, TCV_Pgg, ImmAsgnX_r03(TCV_Rqr9.ra, TCV_Rqr9.fn, TSPX_SDCCH4SubB, TSPX_SDCCH8SubA, TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn)) | 6. |
| | gsmOrDcs5 | | |
| 70 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 71 | L!DL_UdatRqImmassx_sp | ImmAssXSp_1(TCV_PgCh, TCV_Pgg, ImmAsgnX_01(TCV_Rqr9.ra, TCV_Rqr9.fn, TSPX_SDCCH8SubDef, TSPX_SDCCH8SubA, TSPX_TmSlDef, TSPX_TscDef, TimingAdv_r01)) | 6. |
| 72 | [TSPC_DCS] | | |
| 73 | L!DL_UdatRqImmassx_sp | ImmAssXSp_1(TCV_PgCh, TCV_Pgg, | 6. |

| | | | |
|--|--|--|--|
| 74 75 76 | <p>local_tree</p> <p>[TSPX_CcchConf3 = '001'B]</p> <p>[TSPX_CcchConf3 <> '001'B]</p> <p>+SDCCH8_A_1_nociph(TSPX_SDCCH8SubDef, C_Immass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, INT_TO_BIT(TSPX_AGBLKS3, 3), TSPX_CcchConf3, INT_TO_BIT((TSPX_PAMFRMS3-2), 3))</p> | <p>ImmAsgnX_01d(TCV_Rqr9.ra, TCV_Rqr9.fn, TSPX_SDCCH8SubDef, TSPX_SDCCH8SubA, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_r01))</p> | |
| <p>Detailed Comments:</p> <ol style="list-style-type: none"> 1. Tx-integer = 5, Max-Retrans = 2 and one BCCH/CCCH, BS-AG-BLKS-RES = 7 and BS-PA-MFRMS = 9. 2. To send PAGING REQUEST TYPE 1 message with normal page mode in the next but one paging subblock on the same CCCH as previous paging message. 3. The page mode = normal paging, wait time = 5 seconds. 4. The page mode = "extended paging", request reference is different from any one already sent by the MS. 5. The page mode = "same as before", address the MS by TMSI, in the next but one paging subblock on the same CCCH. 6. The page mode = "extended paging", request reference is different from any one already sent by the MS. The ImmAsgnX message is sent on the MS paging channel. 7. The page mode = "extended paging", address the MS by TMSI, in the next but one paging subblock on the same CCCH. 8. Extended paging, not address the MS. 9. The page mode = "same as before", address the MS with IMSI. 10. normal paging, address the MS by IMSI. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|----|----------|
| Test Case Name: | | TC_26_6_2_3_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that the MS correctly determines its new paging subchannel when the CCCH structure is changed from non-combined to combined and when the number of CCCHs is changed. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | The configuration is Max-Retrans = 2, 1 non-combined CCCH/BCCH, BS-AG-BLKS-RES and, BS-PA-MFRMS are controlled by PIXIT parameters. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r02(C_Immass, TCV_slot, TCV_tsc, 5, 2, C_S2, C_S4, C_S6, TimingAdv_r02, 0, INT_TO_BIT(TSPX_AGBLKS1, 3), '000'B, INT_TO_BIT((TSPX_PAMFRMS1-2), 3), '00'O) | | 1. | |
| 5 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubDef, C_Immass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, INT_TO_BIT(TSPX_AGBLKS1, 3), '000'B, INT_TO_BIT((TSPX_PAMFRMS1-2), 3)) | | | |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | | +SelectPagingCh(C_CellA) | | | |
| 8 | body | +test1 | | | |
| 9 | | +test2 | | | |
| 10 | | +continue | | | |
| 11 | | continue +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r02, INT_TO_BIT(TSPX_AGBLKS1, 3), '001'B, INT_TO_BIT((TSPX_PAMFRMS1-2),3)) | | | |
| 12 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 13 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, CntrlChDscrp(0, '010'B, '001'B, '111'B, '00'O), CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, '0'B, '00'B, '0010'B, C_noRestablishment) | | |
| 14 | | +test3 | | | |
| 15 | | +secondexec | | | |
| 16 | | [TSPC_DCS] | | | |
| 17 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, CntrlChDscrp(0, '010'B, '001'B, '111'B, '00'O), CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, '0'B, '00'B, '0010'B, C_noRestablishment) | | |
| 18 | | +CCCH_group_Paging_group(CntrlChDscrp(0, '010'B, '001'B, '111'B, '00'O), TSPX_IMSI) | | | |
| 19 | | +SelectPagingCh(C_CellA) | | | |
| 20 | | +test3 | | | |
| 21 | | +secondexec | | | |
| | | secondexec | | | |

| | | | |
|----|--|--|----|
| 22 | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | |
| 23 | +PreEnterIdleState_r02(C_Immass, TCV_slot, TCV_tsc, 5, 2, C_S2, C_S4, C_S6, TimingAdv_r02, 0, INT_TO_BIT(TSPX_AGBLKS1, 3), '000'B, INT_TO_BIT((TSPX_PAMFRMS1-2), 3), '00'O) | | 1. |
| 24 | +CCCH_group_Paging_group(CntrlChDscrp(0, INT_TO_BIT(TSPX_AGBLKS1, 3), '000'B, INT_TO_BIT((TSPX_PAMFRMS1-2), 3), '00'O), TSPX_IMSI) | | |
| 25 | +SelectPagingCh(C_CellA) | | |
| 26 | +test1 | | |
| 27 | +test2 | | |
| 28 | +continue2 | | |
| | continue2 | | |
| 29 | (TCV_slot := C_S2, TCV_tsc := C_BCC) | | |
| 30 | +NonCombinedBCCH_A_2(C_Immass,TCV_slot, TCV_tsc, TimingAdv_r02, INT_TO_BIT(TSPX_AGBLKS1, 3), '010'B, INT_TO_BIT((TSPX_PAMFRMS1-2), 3)) | | |
| 31 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 32 | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_1, C_lacellA, CntrlChDscrp(0, '010'B, '010'B, '111'B, '00'O), CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, '0'B, '00'B, '0010'B, C_noRestablishment) | |
| 33 | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A _2, C_ci_cellA, C_PLMN_1, C_lacellA, CntrlChDscrp(0, '010'B, '010'B, '111'B, '00'O), CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, '0'B, '00'B, '0010'B, C_noRestablishment) | |
| 34 | +test3 | | |
| 35 | [TSPC_DCS] | | |
| 36 | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_1, C_lacellA, CntrlChDscrp(0, '010'B, '010'B, '111'B, '00'O), CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, '0'B, '00'B, '0010'B, C_noRestablishment) | |
| 37 | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A _2, C_ci_cellA, C_PLMN_1, C_lacellA, CntrlChDscrp(0, '010'B, '010'B, '111'B, '00'O), CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, '0'B, '00'B, '0010'B, C_noRestablishment) | |
| 38 | +CCCH_group_Paging_group(CntrlChDscrp(0, '010'B, '010'B, '111'B, '00'O), TSPX_IMSI) | | |
| 39 | +SelectPagingCh(C_CellA) | | |
| 40 | +test3 | | |

| | | | |
|----|---|---|-----|
| 41 | test1 (TCV_Null := OM_2Msgs(TCV_PgCh, TCV_Pgg, C_BfReOcc)) | | |
| 42 | +GsmOrDcs | | |
| 43 | LIDL_UdatRqPg2Rq | PgReq2(TCV_PgCh, TCV_Pgg, PgReqTp2_01) | 3. |
| 44 | L?DL_RacInChRq | ChReq_02 | |
| 45 | L?DL_RacInChRq (TCV_Rqr.ra := DL_RacInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RacInChRq.fn) | ChReq_02 | (P) |
| 46 | LIDL_UdatRqImmRej | ImmAssRej_01(TCV_ agch, TCV_Rqr.ra, TCV_Rqr.fn) | |
| 47 | test2 (TCV_Null := OM_PgFill(C_Cella, PgReqTp1Reorg)) | | |
| 48 | START T_dly(C_T_Wait) | | |
| 49 | ?TIMEOUT T_dly | | |
| 50 | LIDL_UdatRqPg2Rq | PgReq2(TCV_PgCh, INT_TO_BIT(TSPX_PgSubch, 8), PgReqTp2_03) | 4. |
| 51 | L?DL_RacInChRq | ChReq_02 | |
| 52 | L?DL_RacInChRq (TCV_Rqr.ra := DL_RacInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RacInChRq.fn) | ChReq_02 | (P) |
| 53 | LIDL_UdatRqImmRej | ImmAssRej_01(TCV_ agch, TCV_Rqr.ra, TCV_Rqr.fn) | |
| 54 | test3 (TCV_Null := OM_PgFill(C_Cella, PgReqTp1Norm)) | | |
| 55 | START T_dly(C_T_Wait) | | |
| 56 | ?TIMEOUT T_dly | | |
| 57 | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | 5. |
| 58 | L?DL_RacInChRq | ChReq_02 | |
| 59 | L?DL_RacInChRq (TCV_Rqr.ra := DL_RacInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RacInChRq.fn) | ChReq_02 | (P) |
| 60 | LIDL_UdatRqImmRej | ImmAssRej_01(TCV_ agch, TCV_Rqr.ra, TCV_Rqr.fn) | |
| 61 | START T_dly(C_T_Wait) | | |
| 62 | ?TIMEOUT T_dly | | |
| 63 | LIDL_UdatRqPg2Rq | PgReq2(TCV_PgCh, TCV_Pgg, PgReqTp2_01) | 5. |
| 64 | L?DL_RacInChRq | ChReq_02 | |
| 65 | L?DL_RacInChRq (TCV_Rqr.ra := DL_RacInChRq. msg.ecau_rrf, TCV_Rqr.fn := DL_RacInChRq.fn) | ChReq_02 | (P) |
| 66 | LIDL_UdatRqImmRej | ImmAssRej_01(TCV_ agch, TCV_Rqr.ra, TCV_Rqr.fn) | |
| 67 | GsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | |
| 68 | LIDL_UdatRqImmRej | ImmAssXSp_1(TCV_ PgCh, TCV_Pgg, ImmAsgnX_03(TCV_ slot, TCV_tsc, TimingAdv_r02)) | 2. |
| 69 | [TSPC_DCS] | | |
| 70 | LIDL_UdatRqImmRej | ImmAssXSp_1(TCV_ PgCh, TCV_Pgg, ImmAsgnX_03d(TCV_ slot, TCV_tsc, | 2. |

| | | | | | |
|---------------------------|--|--|-----------------|--|--|
| | | | TimingAdv_r02)) | | |
| Detailed Comments: | <ol style="list-style-type: none">1. Tx-integer = 5, Max-Retrans = 2 and CCCH-CONF = "1 basic physical channel used for CCCH not combined with SDCCHs", BS-AG-BLKS-RES and BS-PA-MFRMS are from PIXIT.2. Page mode = "paging re-organization", not address the MS.3. Paging mode = "normal", address the MS by TMSI.4. Page mode = "paging re-organization", address the MS.5. Paging mode = "normal", address the MS by TMSI. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_6_2_3_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that the MS is operating in the "paging re-organization" page mode when this is ordered by the SS and the MS is paged in its former access grant channel. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | The configuration is Max-Retrans = 1, CCCH-CONF, BS-AG-BLKS-RES and BS-PA-MFRMS are controlled by PIXIT parameters with the constraint that BS-AG-BLKS-RES > 0. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_r02(C_Immass, TCV_slot, TCV_tsc, 5, 1, C_S2, C_S4, C_S6, TimingAdv_r02, 0, INT_TO_BIT(TSPX_AGBLKS2, 3), TSPX_CcchConf2, INT_TO_BIT((TSPX_PAMFRMS2-2), 3), '00'O) | | | 1. |
| 6 | | +local_tree | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 8 | | +SelectPagingCh(C_CellA) | | | |
| 9 | body | (TCV_Null := OM_2Msgs(TCV_PgCh, TCV_Pgg, C_FmrAGB)) | | | |
| 10 | | [TSPX_CcchConf2='000'B] | | | |
| 11 | | +gsmOrDcs1 | | | |
| 12 | | +localtree | | | |
| 13 | | [TSPX_CcchConf2='001'B] | | | |
| 14 | | +gsmOrDcs | | | |
| 15 | | +localtree | | | |
| 16 | | [TSPX_CcchConf2='??1'B] | | | |
| 17 | | +gsmOrDcs1 | | | |
| 18 | | +localtree | | | |
| 19 | | localtree L!DL_UdatRqPg2Rq | PgReq2(TCV_PgCh, TCV_Pgg, PgReqTp2_01) | | 3. |
| 20 | | L?DL_RacInChRq | ChReq_02 | | |
| 21 | | L?DL_RacInChRq (TCV_Rqr.ra := DL_RacInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RacInChRq.fn) | ChReq_02 | (P) | |
| 22 | | L!DL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rqr.ra, TCV_Rqr.fn) | | |
| 23 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | |
| 24 | | L!DL_UdatRqImmassx_sp | ImmAssXSp_1(TCV_PgCh, TCV_Pgg, ImmAsgnX_02(TCV_slot, TCV_tsc, TimingAdv_r02)) | | 2. |
| 25 | | [TSPC_DCS] | | | |
| 26 | | L!DL_UdatRqImmassx_sp | ImmAssXSp_1(TCV_PgCh, TCV_Pgg, ImmAsgnX_02d(TCV_slot, TCV_tsc, TimingAdv_r02)) | | 2. |
| 27 | | gsmOrDcs1 [TSPC_PGSM OR TSPC_EGSM] | | | |

| | | | |
|--|---|---|----|
| 28 | LIDL_UdatRqImmssx_sp | ImmAssXSp_1(TCV_PgCh, TCV_Pgg, ImmAsgnX_04(TSPX_TmSltDef, TSPX_TscDef, TimingAdv_r02)) | 2. |
| 29 | [TSPC_DCS] | | |
| 30 | LIDL_UdatRqImmssx_sp | ImmAssXSp_1(TCV_PgCh, TCV_Pgg, ImmAsgnX_04d(TSPX_TmSltDef, TSPX_TscDef, TimingAdv_r02)) | 2. |
| | local_tree | | |
| 31 | [TSPX_CcchConf2 = '001'B] | | |
| 32 | [TSPX_CcchConf2 <> '001'B] | | |
| 33 | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubA, C_Immss, TSPX_TmSltDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, INT_TO_BIT(TSPX_AGBLKS2, 3), TSPX_CcchConf2, INT_TO_BIT((TSPX_PAMFRMS2-2), 3)) | | |
| Detailed Comments: | | | |
| 1. Tx-integer = 5, Max-Retrans = 1 and CCCH-CONF, BS-AG-BLKS-RES and BS-PA-MFRMS are controlled by PIXIT parameters. | | | |
| 2. paging re-organization. | | | |
| 3. send in former access grant block. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_6_2_4 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that the MS remembers the page mode from the previous paging request message. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | The configuration is Tx-integer = 5, Max-Retrans = 2 and CCCH-CONF, BS-AG-BLKS-RES and BS-PA-MFRMS are from PIXIT parameters. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_r02(C_Immass, TCV_slot, TCV_tsc, 5, 2, C_S2, C_S4, C_S6, TimingAdv_r01, 0, INT_TO_BIT(TSPX_AGBLKS3, 3), TSPX_CcchConf3, INT_TO_BIT((TSPX_PAMFRMS3-2), 3), '00'O) | | 1. | |
| 6 | | +local_tree | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 8 | | +SelectPagingCh(C_CellA) | | | |
| 9 | body | (TCV_Null := OM_2Msgs(TCV_PgCh, TCV_Pgg, C_NxtButOne)) | | | |
| 10 | | LIDL_UdatRqImmassRej_sp | ImmAssRejSp_1(TCV_PgCh, TCV_Pgg, ImmAsgnRej_r04) | | 2. |
| 11 | | LIDL_UdatRqPg3Rq | PgReq3(TCV_PgCh, TCV_Pgg, PgReqTp3_03) | | 3. |
| 12 | | (TCV_Null := OM_2Msgs(TCV_PgCh, TCV_Pgg, C_NxtButOne)) | | | |
| 13 | | LIDL_UdatRqPg3Rq | PgReq3(TCV_PgCh, TCV_Pgg, PgReqTp3_02) | | 4. |
| 14 | | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_07) | | 5. |
| 15 | | L?DL_RacInChRq | ChReq_01 | | |
| 16 | | L?DL_RacInChRq (TCV_Rqr.ra := DL_RacInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RacInChRq.fn) | ChReq_01 | (P) | |
| 17 | | LIDL_UdatRqImmassRej | ImmAssRej_01(TCV_agch, TCV_Rqr.ra, TCV_Rqr.fn) | | |
| 18 | | local_tree [TSPX_CcchConf3 = '001'B] | | | |
| 19 | | [TSPX_CcchConf3 <> '001'B] | | | |
| 20 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubDef, C_Immass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, INT_TO_BIT(TSPX_AGBLKS3, 3), TSPX_CcchConf3, INT_TO_BIT((TSPX_PAMFRMS3-2), 3)) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. Tx-integer = 5, Max-Retrans = 2 and CCCH-CONF, BS-AG-BLKS-RES and BS-PA-MFRMS are from PIXIT parameters. 2. extended paging mode. 3. not address the MS. 4. paging mode = "same as before", not address the MS, sent in the next paging subblock on the MS's specific paging subchannel. | | | |

5. paging mode = "paging re-organization", address the MS, sent in the next but one paging subblock.

Test Case Dynamic Behaviour

Test Case Name: TC_26_6_2_5
Group: GSM_L3_MS_v4170/RR/
Purpose: 1) To test that the MS is able to determine its CCCH group and paging group correctly in the case of a CCCH configuration on more than one timeslot when it is paged on a timeslot other than 0. The MS is addressed with a PAGING REQUEST TYPE 1 message when the page mode is set to normal paging. The MS is paged with its IMSI in the 1st Mobile Identity field, the optional Mobile Identity field being not present, is the only way of addressing tested.
 2) To test that in such conditions the MS answers to the paging message on the timeslot on which the paging message was sent.
Default: OtherEventsFail
Comments: The configuration is Tx-integer = 5, Max-Retrans = 1 and CCCH-CONF, BS-AG-BLKS-RES and BS-PA-MFRMS are from PIXIT parameters.
 In the PIXITs CCCH-CONF is set to 3, BS-AG-BLKS-RES = 2 and BS-PA-MFRMS = 3.
 For this test to be useful, we need
 $((\text{IMSI mod } 10000) \bmod ((9 - \text{bsagres}) * \text{bspamfrms})) > (9 - \text{bsagres}) * \text{bspamfrms}$
 ie. $((\text{IMSI mod } 1000) \bmod 3 * 7 * 9) > 7 * 9$
 thus if the last 3 digits of the IMSI are 065 then this test will work.
 When the CCCHs that are not on timeslot zero are set, the SYNC channel must not be started on them. The SYNC channel is used by mobiles to identify TS zero. (the FCCH is supposed to be excluded as well)

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|--|-----|--|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | Must use a carefully chosen IMSI here, so that the mobile's CCCH group is not on TS zero |
| 5 | | +PreEnterIdleState_r02(C_Immass, TCV_slot, TCV_tsc, 5, 1, C_S2, C_S4, C_S6, TimingAdv_r01, 0, INT_TO_BIT(TSPX_AGBLKS4, 3), TSPX_CcchConf4, INT_TO_BIT((TSPX_PAMFRMS4-2), 3), '00'O) | | | 1. |
| 6 | | +local_tree | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 8 | | +SelectPagingCh(C_CellA) | | | |
| 9 | body | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_05) | | 2. |
| 10 | | L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq, msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn) | ChReq_16(TCV_PgCh) | | 3. |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | +gsmOrDcs | | | |
| 13 | | L?DL_EstInPgRes | PgRes_r03 | (P) | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | +PostMainLinkRel(TCV_ch) | | | |
| 16 | | gsmOrDcs [TSPX_CcchConf4='000'B] | | | |
| 17 | | +gsmOrDcs2 | | | |
| 18 | | [TSPX_CcchConf4='001'B] | | | |
| 19 | | +gsmOrDcs1 | | | |
| 20 | | [TSPX_CcchConf4='??1'B] | | | |
| 21 | | +gsmOrDcs2 | | | |
| 22 | | gsmOrDcs1 LIDL_UdatRqImm | ImmAss_r10(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubD | | |

| | | | | | |
|---------------------------|---|---|--|--|--|
| | | | ef, TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | | |
| 23 | gsmOrDcs2 [TSPC_PGSM OR TSPC_EGSM] | | | | |
| 24 | LIDL_UdatRqImm | | ImmAss_r02(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubF , TSPX_TmSlDef, TSPX_TscDef, TimingAdv_r01) | | |
| 25 | [TSPC_DCS] | | | | |
| 26 | LIDL_UdatRqImm | | ImmAss_r02d(TCV_a gch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubF , TSPX_TmSlDef, TSPX_TscDef, TimingAdv_r01) | | |
| | local_tree | | | | |
| 27 | [TSPX_CcchConf4 = '001'B] | | | | |
| 28 | [TSPX_CcchConf4 <> '001'B] | | | | |
| 29 | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubF, C_Imm, TSPX_TmSlDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, INT_TO_BIT(TSPX_AGBLKS4, 3), TSPX_CcchConf4, INT_TO_BIT((TSPX_PAMFRMS4-2), 3)) | | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. Tx-integer = 5, Max-Retrans = 1 CCCH-CONF, BS-AG-BLKS-RES and BS-PA-MFRMS are from PIXIT parameters. 2. The first mobile identifier addresses the MS, the 2nd is omitted. 3. To assign TSPX_SDCCH8SubF subchannel. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_6_3_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that, when the SS gives absolutely no information about neighbouring cells, the MS does not report on neighbouring cells.. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +StartMultiCells_02(BcchFreqLst_20, BcchFreqLst_20, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_r01, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 9 | body | (TCV_Null := OM_StartMsrReport(TCV_sacchTch)) | | | |
| 10 | | L?DL_UdatInMsrRpt | MsrRept_01 | (P) | |
| 11 | | START T_dly1(960) | | | 960 ms |
| 12 | | ?TIMEOUT T_dly1 | | (F) | 2. |
| 13 | | +PostMainLinkRel(TCV_chTch) | | | |
| 14 | | L?DL_UdatInMsrRpt | MsrRept_01 | (P) | |
| 15 | | (TCV_Null := OM_StopMsrReport(TCV_sacchTch)) | | | |
| 16 | | +PostMainLinkRel(TCV_chTch) | | | |
| 17 | | +execution2 | | | |
| 18 | | execution2 | | | |
| 19 | | +gsmOrDcs | | | 1. |
| 20 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 21 | | (TCV_Null := OM_StartMsrReport(TCV_sacchTch)) | | | |
| 22 | | L?DL_UdatInMsrRpt | MsrRept_01 | | |
| 23 | | START T_dly1(960) | | | 960 ms |
| 24 | | ?TIMEOUT T_dly1 | | (F) | 2. |
| 25 | | +PostMainLinkRel(TCV_chTch) | | | |
| 26 | | L?DL_UdatInMsrRpt | MsrRept_01 | (P) | |
| 27 | | (TCV_Null := OM_StopMsrReport(TCV_sacchTch)) | | | |
| 28 | | +PostMainLinkRel(TCV_chTch) | | | |
| 29 | | gsmOrDcs | | | |
| 30 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 31 | | L!DL_UdatRqSysinfo5 | SysInfo5_01(TCV_sacch, BcchFreqLst_24) | | |
| 32 | | L!DL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_ | | |

| | | | | | |
|---------------------------|------------|---|---|--|--|
| 31 | | | sacch, BcchFreqLst_26) | | |
| 32 | [TSPC_DCS] | LIDL_UdatRqSysinfo5 | SysInfo5_01(TCV_sacch, BcchFreqLst_25) | | |
| 33 | | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_sacch, BcchFreqLst_25) | | |
| 34 | | LIDL_UdatRqSysinfo6 (DL_UdatRqSysinfo6.msg.co.pwrc := '1'B) | SysInfo6_01(TCV_sacch, C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01) | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. No channels listed in the neighbour cells description. 2. The interval between 2 successive layer 2 frames containing MEASUREMENT REPORT exceeds one layer 2 frame, fail. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_6_3_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that, when the SS gives information about neighbouring cells, the MS reports appropriate results. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmAss, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +StartMultiCells_02(BcchFreqLst_21, BcchFreqLst_27, C_ImmAss, TCV_slot, TCV_tsc, TimingAdv_r01, TimingAdv_r01, 0, '000'B, '000'B, '011'B, '00'O) | | | |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | body | +execution(1, 2) | | | |
| 9 | | +gsmOrDcs | | | |
| 10 | | +execution(1, 3) | | | |
| | | execution(in1, in2:INTEGER) | | | |
| 11 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 12 | | (TCV_Null := OM_StartMsrReport(TCV_sacchTch)) | | | |
| 13 | | L?DL_UdatInMsrRpt(TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_03 | | |
| 14 | | +gsmOrDcs1(in1, in2) | | | |
| 15 | | START T_dly1(960) | | | 960 ms |
| 16 | | ?TIMEOUT T_dly1 | | (F) | 1. |
| 17 | | +PostMainLinkRel(TCV_chTch) | | | |
| 18 | | L?DL_UdatInMsrRpt(TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_03 | | |
| 19 | | +gsmOrDcs1(in1, in2) | | | |
| 20 | | (TCV_Null := OM_StopMsrReport(TCV_sacchTch)) | | | |
| 21 | | +PostMainLinkRel(TCV_chTch) | | | |
| | | gsmOrDcs | | | |
| 22 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 23 | | L!DL_UdatRqSysinfo5 | SysInfo5_01(TCV_sacch, BcchFreqLst_28) | | |
| 24 | | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_sacch, BcchFreqLst_30) | | |
| 25 | | LIDL_UdatRqSysinfo6 (DL_UdatRqSysinfo6.msg.co.pwrc := '0'B) | SysInfo6_01(TCV_sacch, C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01) | | |
| 26 | | [TSPC_DCS] | | | |
| 27 | | L!DL_UdatRqSysinfo5 | SysInfo5_01(TCV_sacch, BcchFreqLst_29) | | |
| 28 | | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_sacch, | | |

| | | | |
|---------------------------|--|--|-----|
| 29 | LIDL_UdatRqSysinfo6 (DL_UdatRqSysinfo6.msg.co.pwrc := '1'B) | BcchFreqLst_31) SysInfo6_01(TCV_sa cch, C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01) | |
| 30 | gsmOrDcs1(in1, in2:INTEGER) [TSPC_PGSM OR TSPC_EGSM] | | |
| 31 | (TCV_Res := OC_MsrReptChk(TCV_MsrRes, in1)) | | |
| 32 | [TCV_Res = FALSE] | | (F) |
| 33 | [TCV_Res = TRUE] | | (P) |
| 34 | [TSPC_DCS] | | |
| 35 | (TCV_Res := OC_MsrReptChk(TCV_MsrRes, in2)) | | |
| 36 | [TCV_Res = FALSE] | | (F) |
| 37 | [TCV_Res = TRUE] | | (P) |
| Detailed Comments: | | 1. The interval between 2 successive layer 2 frames containing MEASUREMENT REPORT exceeds one layer 2 frame, fail. | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------------|-----|----------|
| Test Case Name: | | TC_26_6_3_3 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that, when a combination of normal neighbours, barred cells and non-permitted NCCs is "on air", the MS reports only on normal neighbours. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +StartMultiCells_03(BcchFreqLst_01, BcchFreqLst_48, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_r01, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 9 | | (TCV_Null := OM_StartMsrReport(TCV_sacchTch)) | | | |
| 10 | | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_04 | | |
| 11 | | +gsmOrDcs1(4, 5) | | | |
| 12 | | START T_dly1(960) | | | 960 ms |
| 13 | | ?TIMEOUT T_dly1 | | (F) | 1. |
| 14 | | +PostMainLinkRel(TCV_chTch) | | | |
| 15 | | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_04 | | |
| 16 | | +gsmOrDcs1(4, 5) | | | |
| 17 | | (TCV_Null := OM_StopMsrReport(TCV_sacchTch)) | | | |
| 18 | | +PostMainLinkRel(TCV_chTch) | | | |
| 19 | | +execution2 | | | |
| 20 | | execution2 | | | |
| 21 | | +gsmOrDcs | | | 1. |
| 22 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 23 | | (TCV_Null := OM_StartMsrReport(TCV_sacchTch)) | | | |
| 24 | | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_04 | | |
| 25 | | +gsmOrDcs1(4, 5) | | | |
| 26 | | START T_dly1(960) | | | 960 ms |
| 27 | | ?TIMEOUT T_dly1 | | (F) | 1. |
| 28 | | +PostMainLinkRel(TCV_chTch) | | | |
| 29 | | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_04 | | |
| 30 | | +gsmOrDcs1(4, 5) | | | |

| | | | | |
|---------------------------|--|--|--|-----|
| 30 | (TCV_Null := OM_StopMsrReport(TCV_sacchTch)) | | | |
| 31 | +PostMainLinkRel(TCV_chTch) | | | |
| | gsmOrDcs | | | |
| 32 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 33 | LIDL_UdatRqSysinfo5 | SysInfo5_01(TCV_sacch, BcchFreqLst_33) | | |
| 34 | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_sacch, BcchFreqLst_30) | | |
| 35 | [TSPC_DCS] | | | |
| 36 | LIDL_UdatRqSysinfo5 | SysInfo5_01(TCV_sacch, BcchFreqLst_34) | | |
| 37 | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_sacch, BcchFreqLst_34d) | | |
| 38 | LIDL_UdatRqSysinfo6 (DL_UdatRqSysinfo6.msg.co.pwrc := '1'B) | SysInfo6_01(TCV_sacch, C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01) | | |
| | gsmOrDcs1(in1, in2:INTEGER) | | | |
| 39 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 40 | (TCV_Res := OC_MsrReptChk(TCV_MsrRes, in1)) | | | |
| 41 | [TCV_Res = FALSE] | | | (F) |
| 42 | [TCV_Res = TRUE] | | | (P) |
| 43 | [TSPC_DCS] | | | (F) |
| 44 | (TCV_Res := OC_MsrReptChk(TCV_MsrRes, in2)) | | | |
| 45 | [TCV_Res = FALSE] | | | |
| 46 | [TCV_Res = TRUE] | | | (P) |
| Detailed Comments: | | 1. The interval between 2 successive layer 2 frames containing MEASUREMENT REPORT exceeds one layer 2 frame, fail. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-------------------------|-----|----------|
| Test Case Name: | | TC_26_6_3_4 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that, in the case of the MS using DTX and the SS indicating that power control is in use, the MS reports appropriate results | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +Varinit_fixH | | | |
| 6 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 7 | | +StartMultiCells_04(BcchFreqLst_01, BcchFreqLst_48, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 8 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 9 | | +FullRateCh_H_1(C_Ass, TSPX_TmSltC, TSPX_TscC, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 10 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 11 | | +gsmOrDcs2 | | | |
| 12 | | +localtree | | | |
| 13 | | L?DL_EstIn | DLEstInd_01 | | |
| 14 | | L?DL_DatInHoCom | HndOvCmp_01(TCV_chTch1) | | |
| 15 | | +localtree1 | | | |
| 16 | | localtree1 (TCV_Null := OM_StartMsrReport(TCV_sacchTch_H)) | | | |
| 17 | | [TSPC_TranspDataOnly = FALSE] | | | |
| 18 | body | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_05 | | |
| 19 | | +gsmOrDcs1(6, 7) | | | |
| 20 | | START T_dly1(960) | | | 960 ms |
| 21 | | ?TIMEOUT T_dly1 | | (F) | 1. |
| 22 | | +PostMainLinkRel(TCV_chTch) | | | |
| 23 | | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_05 | | |
| 24 | | +gsmOrDcs1(6, 7) | | | |
| 25 | | (TCV_Null := OM_StopMsrReport(TCV_sacchTch_H)) | | | |
| 26 | | +PostMainLinkRel(TCV_chTch) | | | |
| 27 | | +execution2 | | | |
| 28 | | [TSPC_TranspDataOnly = TRUE] | | | |
| 29 | | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_06 | | |
| 30 | | +gsmOrDcs1(6, 7) | | | |
| 31 | | START T_dly1(960) | | | 960 ms |
| 32 | | ?TIMEOUT T_dly1 | | (F) | 1. |
| 33 | | +PostMainLinkRel(TCV_chTch) | | | |
| 34 | | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_06 | | |

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|----|--|-------------------------|-----|--------|
| 35 | +gsmOrDcs1(6, 7) | | | |
| 36 | (TCV_Null := OM_StopMsrReport(TCV_sacchTch_H)) | | | |
| 37 | +PostMainLinkRel(TCV_chTch) | | | |
| 38 | +execution2 | | | |
| | execution2 | | | |
| 39 | +gsmOrDcs | | | |
| 40 | START T_dly(20000) | | | 2. |
| 41 | ?TIMEOUT T_dly | | | |
| 42 | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 43 | +gsmOrDcs2 | | | |
| 44 | +localtree | | | |
| 45 | L?DL_EstIn | DLEstInd_01 | | |
| 46 | L?DL_DatInHoCom | HndOvCmp_01(TCV_chTch1) | | |
| 47 | +localtree2 | | | |
| | localtree2 | | | |
| 48 | (TCV_Null := OM_StartMsrReport(TCV_sacchTch_H)) | | | |
| 49 | [TSPC_TranspDataOnly = FALSE] | | | |
| 50 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_05 | | |
| 51 | +gsmOrDcs1(6, 7) | | | |
| 52 | START T_dly1(960) | | | 960 ms |
| 53 | ?TIMEOUT T_dly1 | | (F) | 1. |
| 54 | +PostMainLinkRel(TCV_chTch) | | | |
| 55 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_05 | | |
| 56 | +gsmOrDcs1(6, 7) | | | |
| 57 | (TCV_Null := OM_StopMsrReport(TCV_sacchTch_H)) | | | |
| 58 | +PostMainLinkRel(TCV_chTch) | | | |
| 59 | +execution2 | | | |
| 60 | [TSPC_TranspDataOnly = TRUE] | | | |
| 61 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_06 | | |
| 62 | +gsmOrDcs1(6, 7) | | | |
| 63 | START T_dly1(960) | | | 960 ms |
| 64 | ?TIMEOUT T_dly1 | | (F) | 1. |
| 65 | +PostMainLinkRel(TCV_chTch) | | | |
| 66 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_06 | | |
| 67 | +gsmOrDcs1(6, 7) | | | |
| 68 | (TCV_Null := OM_StopMsrReport(TCV_sacchTch_H)) | | | |
| 69 | +PostMainLinkRel(TCV_chTch) | | | |
| | localtree | | | |
| 70 | L?DL_RaInHoacc | HndOvAcc_01 | | |
| 71 | L?DL_RaInHoacc | HndOvAcc_01 | | |
| 72 | L?DL_RaInHoacc | HndOvAcc_01 | | |
| 73 | L?DL_RaInHoacc | HndOvAcc_01 | | |
| | gsmOrDcs1(in1, in2:INTEGER) | | | |
| 74 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 75 | (TCV_Res := OC_MsrReptChk(TCV_MsrRes, in1)) | | | |
| 76 | [TCV_Res = FALSE] | | (F) | |
| 77 | [TCV_Res = TRUE] | | (P) | |
| 78 | [TSPC_DCS] | | | |
| 79 | (TCV_Res := OC_MsrReptChk(TCV_MsrRes, in2)) | | | |
| 80 | [TCV_Res = FALSE] | | (F) | |
| 81 | [TCV_Res = TRUE] | | (P) | |

| | | | |
|---------------------------|--|--|---|
| 82 | gsmOrDcs2 | | |
| 83 | [TSPC_PGSM OR TSPC_EGSM] L!DL_DatRqHoCmd | | HndOv_40(TCV_chTch, TCV_slot, TCV_tsc) |
| 84 | [TSPC_DCS] | | |
| 85 | L!DL_DatRqHoCmd | | HndOv_41(TCV_chTch, TCV_slot, TCV_tsc) |
| 86 | gsmOrDcs | | |
| 87 | [TSPC_PGSM OR TSPC_EGSM] L!DL_UdatRqSysinfo5 | | SysInfo5_01(TCV_sacch, BcchFreqLst_36) |
| 88 | L!DL_UdatRqSysinfo5bis | | SysInfo5bis_01(TCV_sacch, BcchFreqLst_26) |
| 89 | L!DL_UdatRqSysinfo6 (DL_UdatRqSysinfo6.msg.co.pwrc := '1'B) | | SysInfo6_01(TCV_sacch, C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01) |
| 90 | [TSPC_DCS] | | |
| 91 | L!DL_UdatRqSysinfo5 | | SysInfo5_01(TCV_sacch, BcchFreqLst_29) |
| 92 | L!DL_UdatRqSysinfo5bis | | SysInfo5bis_01(TCV_sacch, BcchFreqLst_31) |
| 93 | L!DL_UdatRqSysinfo6 (DL_UdatRqSysinfo6.msg.co.pwrc := '1'B, DL_UdatRqSysinfo6.msg.co.dtx := '01'B) | | SysInfo6_01(TCV_sacch, C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01) |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. The interval between 2 successive layer 2 frames containing MEASUREMENT REPORT exceeds one layer 2 frame, fail. 2. To allow the MS camp in cell H again. | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------------|-----|----------|
| Test Case Name: | | TC_26_6_3_5 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the SS gives information about neighbouring cells the MS reports appropriate results. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmAss, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +StartTwoCells_01(BcchFreqLst_37, BcchFreqLst_38, C_ImmAss, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | body | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 9 | | (TCV_Null := OM_StartMsrReport(TCV_sacchTch)) | | | |
| 10 | | L?DL_UdatInMsrRpt(TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_07 | | |
| 11 | | +gsmOrDcs1(8, 9) | | | |
| 12 | | START T_dly1(960) | | | 960 ms |
| 13 | | ?TIMEOUT T_dly1 | | (F) | 1. |
| 14 | | +PostMainLinkRel(TCV_chTch) | | | |
| 15 | | L?DL_UdatInMsrRpt(TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_07 | | |
| 16 | | +gsmOrDcs1(8, 9) | | | |
| 17 | | (TCV_Null := OM_StopMsrReport(TCV_sacchTch)) | | | |
| 18 | | +PostMainLinkRel(TCV_chTch) | | | |
| 19 | | +execution2 | | | |
| 20 | | execution2 | | | |
| 21 | | +gsmOrDcs | | | 1. |
| 22 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 23 | | (TCV_Null := OM_StartMsrReport(TCV_sacchTch)) | | | |
| 24 | | L?DL_UdatInMsrRpt(TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_07 | | |
| 25 | | +gsmOrDcs1(8, 9) | | | |
| 26 | | START T_dly1(960) | | | 960 ms |
| 27 | | ?TIMEOUT T_dly1 | | (F) | 1. |
| 28 | | +PostMainLinkRel(TCV_chTch) | | | |
| 29 | | L?DL_UdatInMsrRpt(TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_07 | | |
| 30 | | +gsmOrDcs1(8, 9) | | | |

| | | | | |
|---------------------------|---|--|-----|--------|
| 30 | (TCV_Null := OM_StopMsrReport(TCV_sacchTch)) | | | |
| 31 | +PostMainLinkRel(TCV_chTch) | | | |
| 32 | +execution3 | | | |
| | execution3 | | | |
| 33 | +gsmOrDcs2 | | | 1. |
| 34 | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 35 | (TCV_Null := OM_StartMsrReport(TCV_sacchTch)) | | | |
| 36 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_07 | | |
| 37 | +gsmOrDcs1(8, 10) | | | |
| 38 | START T_dly1(960) | | | 960 ms |
| 39 | ?TIMEOUT T_dly1 | | (F) | 1. |
| 40 | +PostMainLinkRel(TCV_chTch) | | | |
| 41 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_07 | | |
| 42 | +gsmOrDcs1(8, 10) | | | |
| 43 | (TCV_Null := OM_StopMsrReport(TCV_sacchTch)) | | | |
| 44 | +PostMainLinkRel(TCV_chTch) | | | |
| | gsmOrDcs | | | |
| 45 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 46 | L!DL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_ sacch, BcchFreqLst_41) | | |
| 47 | [TSPC_DCS] | | | |
| 48 | L!DL_UdatRqSysinfo5 | SysInfo5_01(TCV_sa cch, BcchFreqLst_39) | | |
| 49 | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_ sacch, BcchFreqLst_42) | | |
| 50 | LIDL_UdatRqSysinfo6 (DL_UdatRqSysinfo6.msg.co.pwrc := '1'B) | SysInfo6_01(TCV_sa cch, C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01) | | |
| | gsmOrDcs1(in1, in2:INTEGER) | | | |
| 51 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 52 | (TCV_Res := OC_MsrReptChk(TCV_MsrRes, in1)) | | | |
| 53 | [TCV_Res = FALSE] | | (F) | |
| 54 | [TCV_Res = TRUE] | | (P) | |
| 55 | [TSPC_DCS] | | | |
| 56 | (TCV_Res := OC_MsrReptChk(TCV_MsrRes, in2)) | | | |
| 57 | [TCV_Res = FALSE] | | (F) | |
| 58 | [TCV_Res = TRUE] | | (P) | |
| | gsmOrDcs2 | | | |
| 59 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 60 | L!DL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_ sacch, BcchFreqLst_43) | | |
| 61 | [TSPC_DCS] | | | |
| 62 | L!DL_UdatRqSysinfo5 | SysInfo5_01(TCV_sa cch, BcchFreqLst_40) | | |
| 63 | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_ sacch, BcchFreqLst_44) | | |
| 64 | LIDL_UdatRqSysinfo6 (DL_UdatRqSysinfo6.msg.co.pwrc := '1'B) | SysInfo6_01(TCV_sa cch, C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01) | | |
| Detailed Comments: | | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_26_6_4_1 |
| Group: | GSM_L3_MS_v4170/RR/ |
| Purpose: | <p>1. To verify that upon receipt of an ASSIGNMENT COMMAND, the MS switches to the channel defined in the ASSIGNMENT COMMAND, establishes the link and sends an ASSIGNMENT COMPLETE message. This is tested for an MS supporting TCH in the special cases of a transition</p> <p>1.1 from non-hopping SDCCH to hopping TCH/F using a different timeslot</p> <p>1.2 from hopping TCH/F to non-hopping TCH/F using a different timeslot</p> <p>1.3 from non-hopping TCH/F to non-hopping TCH/F using a different timeslot</p> <p>1.4 from non-hopping TCH/F to hopping TCH/H using a different timeslot; this test purpose is only applicable if the MS supports TCH/H</p> <p>1.5 from hopping TCH/H to non-hopping TCH/H using a different timeslot; this test purpose is only applicable if the MS supports TCH/H</p> <p>1.6 from non-hopping TCH/H to hopping TCH/F using a different timeslot; this test purpose is only applicable if the MS supports TCH/H.</p> <p>2. To verify that an MS supporting TCH, having sent an MM- or CM message which was not acknowledged on L2 before the channel assignment procedure was initiated and before the MS has left the old channel, repeats that message after completion of the assignment procedure without incrementing N(SD). This is tested in the special case of MM message AUTHENTICATION RESPONSE.</p> <p>3. To verify that, if an MS supporting TCH has received an ASSIGNMENT COMMAND message which contains only the description of a channel to be used after the starting time, and if the starting time has not already elapsed, the mobile station shall wait up to the starting time before accessing the channel.</p> <p>4. To verify that an MS supporting TCH, having received an ASSIGNMENT COMMAND, having sent an SABM frame to establish the main signalling link on the assigned channel, reports the power level specified in the ASSIGNMENT COMMAND message, in the uplink SACCH L1 header of the SACCH message sent in the SACCH period following the transmission of the SABM frame.</p> |
| Default: | OtherEventsFail_01 |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|---|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_r03_1(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubDef, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, FreqBCCHa_rg, FreqBCCHa_rd1, TimingAdv_r01, '000'B, '001'B, '011'B) | | | 2. |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 8 | | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 9 | | L?DL_RaInChRq (TCV_Rqr.ra := DL_RaInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 10 | | +ltree_ImmAss | | | |
| 11 | | L?DL_EstInPgRes | PgRes_01 | | |
| 12 | | +localtree1 | | | |
| 13 | | +localtree2 | | | |
| | | localtree1 | | | |
| 14 | | +ltree_Asgn1 | | | |
| 15 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |

| | | | |
|----|---|---|-----|
| 16 | (TCV_L1Head := OM_GetL1Hd(TCV_chTch), TCV_Pwrlvl := TCV_L1Head.mspwrlvl) | | |
| 17 | [TCV_Pwrlvl <> '0000111'B] | | (F) |
| 18 | +PostMainLinkRel(TCV_chTch) | | |
| 19 | [TCV_Pwrlvl = '0000111'B] | | |
| 20 | +ltree_Asgn2 | | |
| 21 | +AssCh_complete(TCV_chTch, TCV_chTch1, TCV_AssCmd) | | |
| | localtree2 | | |
| 22 | (TCV_Null :=OM_NoL2Ack(C_I, 1, TCV_chTch1)) | | |
| 23 | L!DL_DatRqAuthRq | AuthReq_01(TCV_ch Tch1) | |
| 24 | L?DL_DatInAuthRes (TCV_Mt := DL_DatInAuthRes.msg.mt) | AuthRes_01 | |
| 25 | +ltree_Asgn3 | | |
| 26 | +AssCh_complete(TCV_chTch1, TCV_chTch, TCV_AssCmd) | | |
| 27 | L?DL_DatInAuthRes (TCV_Mt1 := DL_DatInAuthRes.msg.mt) | AuthRes_01 | |
| 28 | [TCV_Mt <> TCV_Mt1] | | (F) |
| 29 | +PostMainLinkRel(TCV_chTch) | | |
| 30 | [TCV_Mt = TCV_Mt1] | | (P) |
| 31 | +continue1 | | |
| | continue1 | | |
| 32 | +ltree_Asgn4 | | |
| 33 | +AssCh_complete(TCV_chTch, TCV_chTch1, TCV_AssCmd) | | |
| 34 | (TCV_Fn := TCV_FnAss) | | |
| 35 | (TCV_n := OC_FnArith(TCV_Fn, TCV_Fn1)) | | |
| 36 | [(TCV_n < 0) OR(TCV_n >17)] | | (F) |
| 37 | +PostMainLinkRel(TCV_chTch1) | | |
| 38 | [(TCV_n >= 0) AND (TCV_n <=17)] | | (P) |
| 39 | [TSPC_FullRateOnly = TRUE] | | |
| 40 | +PostMainLinkRel(TCV_chTch1) | | |
| 41 | [TSPC_DualRate = TRUE] | | |
| 42 | +gofurther | | |
| | gofurther | | |
| 43 | +ltree_Asgn5 | | |
| 44 | +AssCh_complete(TCV_chTch1, TCV_chTch, TCV_AssCmd) | | |
| 45 | +ltree_Asgn6 | | |
| 46 | +AssCh_complete(TCV_chTch, TCV_chTch1, TCV_AssCmd) | | |
| 47 | +ltree_Asgn7 | | |
| 48 | +AssCh_complete(TCV_chTch1, TCV_chTch, TCV_AssCmd) | | |
| 49 | +PostMainLinkRel(TCV_chTch) | | |
| | ltree_ImmAss | | |
| 50 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 51 | L!DL_UdatRqImmss | ImmAss_sdcch8(TCV _agch, TCV_Rr, TCV_Fn, TSPX_TmSlitDef, TSPX_TscDef, TSPX_SDCCH8SubD ef, C_arfcnA, TimingAdv_r01) | |
| 52 | [TSPC_DCS] | | |
| 53 | L!DL_UdatRqImmss | ImmAss_sdcch8(TCV _agch, TCV_Rr, TCV_Fn, TSPX_TmSlitDef, TSPX_TscDef, TSPX_SDCCH8SubD ef, 747, | |

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|----|---|----------------|--|
| | | TimingAdv_r01) | |
| | ltree_Asgn1 | | |
| 54 | (TCV_chTch := C_FACCHF_A_1, TCV_sacchTch := C_SACCHF_A_1, TCV_sl2 := INT_TO_BIT(((BIT_TO_INT(TSPX_TmSl2Def) + 1) MOD 8), 3)) | | |
| 55 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 56 | +Config_FACCHF_A_1(63, 7, ChMod_sign, C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa5, C_TCHF_ACCHF_1, TimingAdv_r01, '000'B, '001'B, '011'B) | | |
| 57 | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | |
| 58 | (TCV_AssCmd := AsgnCmd_fh(TCV_sl2, TSPX_TscDef, 7, 1, 1, CellChDes_omit, ChMod_sign_iei, MobilAllc_r01)) | | |
| 59 | [TSPC_DCS] | | |
| 60 | +Config_FACCHF_A_1(63, 7, ChMod_sign, C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa12, C_TCHF_ACCHF_1, TimingAdv_r01, '000'B, '001'B, '011'B) | | |
| 61 | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | |
| 62 | (TCV_AssCmd := AsgnCmd_fh(TCV_sl2, TSPX_TscDef, 7, 1, 1, CellChDes_omit, ChMod_sign_iei, MobilAllc_r01)) | | |
| | ltree_Asgn2 | | |
| 63 | (TCV_chTch1 := C_FACCHF_A_2, TCV_sacchTch1 := C_SACCHF_A_2, TCV_sl2 := INT_TO_BIT(((BIT_TO_INT(TSPX_TmSl2Def) + 3) MOD 8), 3)) | | |
| 64 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 65 | +Config_FACCHF_A_2(63, 16, TSPX_ChModF, C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa6, C_TCHF_ACCHF_2, TimingAdv_r01, '000'B, '001'B, '011'B) | | |
| 66 | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | |
| 67 | (TCV_AssCmd := AsgnCmd_nfh(TCV_sl2, TSPX_TscDef, 16, C_arfcnA, CellChDes_r03, TSPX_ChModF, StartingTm_omit)) | | |
| 68 | [TSPC_DCS] | | |
| 69 | +Config_FACCHF_A_2(63, 12, TSPX_ChModF, C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa13, C_TCHF_ACCHF_2, TimingAdv_r01, '000'B, '001'B, '011'B) | | |
| 70 | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | |
| 71 | (TCV_AssCmd := AsgnCmd_nfh(TCV_sl2, TSPX_TscDef, 12, 747, CellChDes_r01, TSPX_ChModF, StartingTm_omit)) | | |
| | ltree_Asgn3 | | |
| 72 | (TCV_chTch := C_FACCHF_A_1, TCV_sacchTch := C_SACCHF_A_1, TCV_sl2 := INT_TO_BIT(((BIT_TO_INT(TSPX_TmSl2Def) + 4) MOD 8), 3)) | | |
| 73 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 74 | +Config_FACCHF_A_1(63, 9, TSPX_ChModF, C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa7, C_TCHF_ACCHF_1, TimingAdv_r01, '000'B, '001'B, '011'B) | | |
| 75 | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | |
| 76 | (TCV_AssCmd := AsgnCmd_fh(TCV_sl2, TSPX_TscDef, 9, 3, 8, CellChDes_omit, ChMod_omit, MobilAllc_r02)) | | |
| 77 | [TSPC_DCS] | | |
| 78 | +Config_FACCHF_A_1(63, 9, ChMod_speech, C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa14, C_TCHF_ACCHF_1, TimingAdv_r01, '000'B, '001'B, '011'B) | | |

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79     +SysInfo_SacchSending( TCV_sacchTch,
      TCV_sysinfo5, TCV_sysinfo6)
80     (TCV_AssCmd := AsgnCmd_fh( TCV_sl2,
      TSPX_TscDef, 9, 3, 8, CellChDes_omit,
      ChMod_omit, MobilAllc_r04))

      Itree_Asgn4
81     (TCV_chTch1 := C_FACCHF_A_2, TCV_sacchTch1
      := C_SACCHF_A_2, TCV_sl2 := INT_TO_BIT(((
      BIT_TO_INT( TSPX_TmSl2Def) + 5) MOD 8), 3),
      TCV_Fn := OM_ComingFn( TCV_chTch), TCV_Fn1
      := OC_FnInc( TCV_Fn, 100), TCV_Null :=
      OM_SendNextOn( TCV_chTch, TCV_Fn))
82     [TSPC_PGSM OR TSPC_EGSM]
83     +Config_FACCHF_A_2(63, 14, ChMod_sign,
      C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa8,
      C_TCHF_ACCHF_2, TimingAdv_r01, '000'B,
      '001'B, '011'B)
84     +SysInfo_SacchSending( TCV_sacchTch1,
      TCV_sysinfo5, TCV_sysinfo6)
85     (TCV_AssCmd := AsgnCmd_nfh( TCV_sl2,
      TSPX_TscDef, 14, 10, CellChDes_omit,
      ChMod_sign_iei, StartingTm_01(TCV_Fn1)))
86     [TSPC_DCS]
87     +Config_FACCHF_A_2(63, 14, ChMod_sign,
      C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa15,
      C_TCHF_ACCHF_2, TimingAdv_r01, '000'B,
      '001'B, '011'B)
88     +SysInfo_SacchSending( TCV_sacchTch1,
      TCV_sysinfo5, TCV_sysinfo6)
89     (TCV_AssCmd := AsgnCmd_nfh( TCV_sl2,
      TSPX_TscDef, 14, 734, CellChDes_omit,
      ChMod_sign_iei, StartingTm_01(TCV_Fn1)))

      Itree_Asgn5
90     (TCV_chTch := OC_SubchOfFacchh(
      TSPX_TCHHSubDef, C_CellA, 1), TCV_sacchTch :=
      OC_SubchOfSacchh( TSPX_TCHHSubDef, C_CellA,
      1), TCV_sl2 := INT_TO_BIT((( BIT_TO_INT(
      TSPX_TmSl2Def) + 6) MOD 8), 3))
91     [TSPC_PGSM OR TSPC_EGSM]
92     +Config_FACCHH_A_1(63, 8, TSPX_ChModH,
      C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa9,
      C_TCHH_ACCHH_1, TimingAdv_r01, '000'B,
      '001'B, '011'B)
93     +SysInfo_SacchSending( TCV_sacchTch,
      TCV_sysinfo5, TCV_sysinfo6)
94     (TCV_AssCmd := AsgnCmd_tchh_fh(
      TSPX_TCHHSubDef, TCV_sl2,
      TSPX_TscDef, 8, 5, 0, TSPX_ChModH,
      FrqI_08, MobilAllc_omit))
95     [TSPC_DCS]
96     +Config_FACCHH_A_1(63, 3, TSPX_ChModH,
      C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa16,
      C_TCHH_ACCHH_1, TimingAdv_r01, '000'B,
      '001'B, '011'B)
97     +SysInfo_SacchSending( TCV_sacchTch,
      TCV_sysinfo5, TCV_sysinfo6)
98     (TCV_AssCmd := AsgnCmd_tchh_fh(
      TSPX_TCHHSubDef, TCV_sl2,
      TSPX_TscDef, 3, 5, 0, TSPX_ChModH,
      FrqI_09, MobilAllc_omit))

      Itree_Asgn6
99     (TCV_chTch1 := OC_SubchOfFacchh(
      TSPX_TCHHSubA, C_CellA, 2), TCV_sacchTch1 :=
      OC_SubchOfSacchh( TSPX_TCHHSubDef, C_CellA,
      2), TCV_sl2 := INT_TO_BIT((( BIT_TO_INT(
      TSPX_TmSl2Def) + 7) MOD 8), 3))
100    [TSPC_PGSM OR TSPC_EGSM]
101    +Config_FACCHH_A_2(63, 12, TSPX_ChModH,
      C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa10,

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|---------------------------|---|---|--|
| 102 | C_TCHH_ACCHH_2, TimingAdv_r01, '000'B, '001'B, '011'B) | | |
| 103 | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | |
| 104 | (TCV_AssCmd := AsgnCmd_tchh_nfh(TSPX_TCHHSubA, TCV_sl2, TSPX_TscDef, 12, 34)) | | |
| 105 | [TSPC_DCS] +Config_FACCHH_A_2(63, 9, TSPX_ChModH, C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa17, C_TCHH_ACCHH_2, TimingAdv_r01, '000'B, '001'B, '011'B) | | |
| 106 | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | |
| 107 | (TCV_AssCmd := AsgnCmd_tchh_nfh(TSPX_TCHHSubA, TCV_sl2, TSPX_TscDef, 9, 759)) | | |
| 108 | Itree_Asgn7 (TCV_chTch := C_FACCHF_A_1, TCV_sacchTch := C_SACCHF_A_1, TCV_sl2 := INT_TO_BIT(((BIT_TO_INT(TSPX_TmSl2Def) + 1) MOD 8), 3)) | | |
| 109 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 110 | +Config_FACCHF_A_1(63, 19, TSPX_ChModH, C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa11, C_TCHF_ACCHF_1, TimingAdv_r01, '000'B, '001'B, '011'B) | | |
| 111 | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | |
| 112 | (TCV_AssCmd := AsgnCmd_fh(TCV_sl2, TSPX_TscDef, 19, 0, 40, CellChDes_r04, ChMod_omit, MobilAllc_r03)) | | |
| 113 | [TSPC_DCS] | | |
| 114 | +Config_FACCHF_A_1(63, 15, TSPX_ChModH, C_Ass, TCV_sl2, TSPX_TscDef, FreqTCHa18, C_TCHF_ACCHF_1, TimingAdv_r01, '000'B, '001'B, '011'B) | | |
| 115 | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | |
| 116 | (TCV_AssCmd := AsgnCmd_fh(TCV_sl2, TSPX_TscDef, 15, 0, 40, CellChDes_r02, ChMod_omit, MobilAllc_r03)) | | |
| Detailed Comments: | | 1. Default parameters except CA. 2. The time slot is TSPX_TmSl2Def, the ARFCN is the BCCH carrier. | |

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_26_6_4_2_1 |
| Group: | GSM_L3_MS_v4170/RR/ |
| Purpose: | To test that, when the MS fails to seize the new channel, the MS reactivates the old channel, reporting use of the last power level used on the old channel. This is tested in the special cases of a transition: <ul style="list-style-type: none"> - from TCH/F to hopping TCH/F in state U10 if the MS supports TCH/F and call control - from TCH/H to hopping TCH/H in state U10 if the MS supports TCH/H and call control |
| Default: | OtherEventsFail_01 |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|------|-----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConna) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 1,0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, TSPX_MSTxpwrMax, TSPX_MSTxpwrMax) | | | 1. |
| 9 | body | +localtree | | | |
| | | localtree | | | |
| 10 | | +ltree_Asgn1 | | | |
| 11 | | +AssCh_failure(TCV_chTch,TCV_AssCmd,FALSE) | | | |
| 12 | | +localtree3 | | | |
| 13 | | +localtree1 | | | |
| | | localtree1 | | | |
| 14 | | [TSPC_DualRate = TRUE] | | | |
| 15 | | (TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 16 | | +HalfRateCh_A_1(TSPX_TCHHSubA, C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 17 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, TSPX_MSTxpwrMax, TSPX_MSTxpwrMax) | | | 3. |
| 18 | | +localtree2 | | | |
| 19 | | [TSPC_FullRateOnly = TRUE] | | | |
| | | localtree2 | | | |
| 20 | | +ltree_Asgn2 | | | |
| 21 | | +AssCh_failure(TCV_chTch,TCV_AssCmd,FALSE) | | | |
| 22 | | +localtree3 | | | |
| | | localtree3 | | | |
| 23 | | (TCV_L1Head := OM_GetL1Hd(C_SACCHF_A_1)) | | | |
| 24 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 25 | | [TCV_L1Head.mspwrlvl <> '00111'B] | | (F) | 6. |
| 26 | | +PostMainLinkRel(TCV_chTch) | | | |
| 27 | | [TCV_L1Head.mspwrlvl = '00111'B] | | (P) | |
| 28 | | +PostMainLinkRel(TCV_chTch) | | | |

| | | | | |
|---------------------------|---|--|-----|----|
| 29 | [TSPC_DCS] | | | |
| 30 | [TCV_L1Head.mspwrlvl <> '00011'B] | | (F) | 6. |
| 31 | +PostMainLinkRel(TCV_chTch) | | | |
| 32 | [TCV_L1Head.mspwrlvl = '00011'B] | | (P) | |
| 33 | +PostMainLinkRel(TCV_chTch) | | | |
| | Itree_Asgn1 | | | |
| 34 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 35 | (TCV_AssCmd := AsgnCmd_tchf(TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 36 | [TSPC_DCS] | | | |
| 37 | (TCV_AssCmd := AsgnCmd_dtchf(TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| | Itree_Asgn2 | | | |
| 38 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 39 | (TCV_AssCmd := AsgnCmd_tchh(TSPX_TCHHSubA, TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 40 | [TSPC_DCS] | | | |
| 41 | (TCV_AssCmd := AsgnCmd_dtchh(TSPX_TCHHSubA, TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To set up a full rate non hopping call and power level = 7. 2. To assign a full rate hopping channel with power level = 9, but the channel is not activated. 3. To set up a half rate non hopping call and power level = 7. 4. To assign a half rate channel with power level = 9, but the channel is not activated. 5. The expected ASSIGNMENT FAILURE with " protocol error unspecified" received on the old channel. 6. The power level is not the old power level, fail. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_26_6_4_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that, when the MS fails to seize the new channel, the MS reactivates the old channel. This is tested in the special cases of a transition: <ul style="list-style-type: none"> - from SDCCH to hopping TCH/F; this test part is only applicable if the MS supports TCH/F. - from non-hopping SDCCH to hopping TCH/H; this test part is only applicable if the MS supports TCH/H. - from hopping TCH/F to hopping TCH/H; this test part is only applicable if the MS supports TCH/H. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellA), TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 8 | | L?DL_RacInChRq (TCV_Rqr.ra := DL_RacInChRq.msg.ecau_rrf, TCV_Rqr.fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 9 | | +gsmOrDcs | | | |
| 10 | | L?DL_EstInPgRes | PgRes_01 | | |
| 11 | | +localtree | | | |
| 12 | | localtree (TCV_AssCmd := AsgnCmd_tchf_fh_01(C_S3, C_BCC)) | | | |
| 13 | | +Adjust_gsmanddcs_powerlvl(0,3,TCV_AssCmd) | | | |
| 14 | | +AssCh_failure(TCV_ch, TCV_AssCmd, FALSE) | | | |
| 15 | | [TSPC_FullRateOnly = TRUE] | | | |
| 16 | | +PostMainLinkRel(TCV_ch) | | | |
| 17 | | [TSPC_DualRate = TRUE] | | | |
| 18 | | +localtree1 | | | |
| 19 | | localtree1 (TCV_AssCmd := AsgnCmd_tchf_fh_02('001'B, TSPX_TscDef)) | | | |
| 20 | | +Adjust_gsmanddcs_powerlvl(0,3,TCV_AssCmd) | | | |
| 21 | | +AssCh_failure(TCV_ch, TCV_AssCmd, FALSE) | | | |
| 22 | | +FullRateCh_A_1_nociph(C_Ass, C_S3, C_BCC, ChMod_sign, Freq_rg8, Freq_rd8, TimingAdv_r01, '000'B, '001'B, '011'B) | | | 4. |
| 23 | | (TCV_AssCmd := AsgnCmd_tchf_fh_01(C_S3, C_BCC)) | | | |
| 24 | | +Adjust_gsmanddcs_powerlvl(0,3,TCV_AssCmd) | | | |
| 25 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 26 | | (TCV_AssCmd := AsgnCmd_tchf_fh_02('001'B, TSPX_TscDef)) | | | |
| 27 | | +Adjust_gsmanddcs_powerlvl(0,3,TCV_AssCmd) | | | |
| 28 | | +AssCh_failure(TCV_chTch, TCV_AssCmd, FALSE) | | | |
| 29 | | +PostMainLinkRel(TCV_chTch) | | | |

| | | | | | |
|---------------------------|--|--|--|--|--|
| 30 | | gsmOrDcs L!DL_UdatRqImmss | ImmAss_r10(TCV_ag ch, TCV_Rqr.ra, TCV_Rqr.fn, TSPX_SDCCH4SubB , TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. Default parameters: CCCH combined with SDCCH4, Tx-integer = 5, Max-retrans = 1. 2. To assign a TCH/F hopping channel which is not activated. 3. To assign a TCH/H hopping channel which is not activated. 4. To setup a physical channel as TCH/F hopping channel. 5. To assign the TCH/F hopping channel which is now activated. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_26_6_5_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION message from the SS. To test that the MS correctly handles the values of any Starting Time IE in the HANDOVER COMMAND message and the Timing Advance IE in the PHYSICAL INFORMATION message. To test that the MS activates the new channel correctly. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_201(63, 53, C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_03, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_A_1(C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_speech, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_03, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsTermFullRateCallNonFH(TimingAdv_03) | | | 1) |
| 8 | | +FullRateCh_B_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHb_ho, FreqTCHb_hod, TimingAdv_03, '000'B, '001'B, '011'B) | | | |
| 9 | body | LIDL_DatRqHoCmd | HndOv_21_B(TCV_Horf, TCV_chTch, TCV_ts, TCV_chdescr_arfcn, TCV_Pwrlvl_ho, TimingAdv_03iei) | | 2) |
| 10 | | +localtree_varinit2 | | | |
| 11 | | +RR_hocomp1(500, TimingAdv_03) | | | |
| 12 | post | +ChanRel_end(TCV_ch) | | | |
| | | localtree_varinit | | | |
| 13 | | +Varinit_fixA | | | |
| 14 | | (TCV_asscmd_ts := TSPX_TmSltA, TCV_ts:= TSPX_TmSltB, TCV_Cntref:= TSPX_hoaccessA, TCV_Horf:= TSPX_horfA, TCV_Pwrlvl_ho:= TSPX_PwrlvlA, TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB)) | | | |
| 15 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 16 | | (TCV_chdescr_arfcn:= TSPX_TCHcarrierA_ho) | | | |
| 17 | | [TSPC_DCS] | | | |
| 18 | | (TCV_chdescr_arfcn:= TSPX_TCHcarrierA_hod) | | | |
| | | localtree_varinit2 | | | |
| 19 | | +Varinit_fixB | | | |
| 20 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 21 | | (TCV_chdescr_arfcn:= TSPX_TCHcarrierB_ho) | | | |
| 22 | | [TSPC_DCS] | | | |
| 23 | | (TCV_chdescr_arfcn:= TSPX_TCHcarrierB_hod) | | | |
| Detailed Comments: | | 1) IUT enters state U10 with TCH/F_nonFH in cell A | | | |
| | | 2) HO from TCH/F_nonFH of cell A to TCH/F_nonFH in CELL B for GSM900 and DCS1800 | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_26_6_5_1_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION message from the SS. To test that the MS correctly handles the values of any Starting Time IE in the HANDOVER COMMAND message and the Timing Advance IE in the PHYSICAL INFORMATION message. To test that the MS activates the new channel correctly. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_201(53, 63, C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r02, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_B_1(C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_speech, FreqTCHb_ho, FreqTCHb_hod, TimingAdv_r02, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsTermFullRateCallNonFH(TimingAdv_r02) | | | 1) |
| 8 | | +FullRateCh_A_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHa_hof1, FreqTCHa_hof1d, TimingAdv_r02, '000'B, '001'B, '011'B) | | | |
| 9 | body | +ltree_hosend | | | |
| 10 | | +localtree_varinit2 | | | |
| 11 | | +RR_hocomp2(500, TimingAdv_r05) | | | |
| 12 | post | +ChanRel_end(TCV_ch) | | | |
| 13 | | ltree_hosend | | | |
| 14 | | [TSPC_PGSM OR TSPC_EGSM] L!DL_DatRqHoCmd | HndOv_22(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r02iei) | | 2) |
| 15 | | [TSPC_DCS] | | | |
| 16 | | L!DL_DatRqHoCmd | HndOv_22d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r02iei) | | 2) |
| 17 | | localtree_varinit +Varinit_fixB | | | |
| 18 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellB), TCV_asscmd_ts:= TSPX_TmSltB, TCV_ts:= TSPX_TmSltNotZero, TCV_Cntref:= TSPX_hoaccessB, TCV_Horf:= TSPX_horfB, TCV_Pwrlvl_ho:= TSPX_PwrlvlA) | | | |
| 19 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 20 | | (TCV_chdescr_arfcn:= TSPX_TCHcarrierB_ho) | | | |
| 21 | | [TSPC_DCS] | | | |
| 22 | | (TCV_chdescr_arfcn:= TSPX_TCHcarrierB_hod) | | | |
| 23 | | localtree_varinit2 +Varinit_fixA | | | |
| 24 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 25 | | (TCV_chdescr_arfcn:= TSPX_TCHcarrierA_ho) | | | |
| 26 | | [TSPC_DCS] | | | |
| 27 | | (TCV_chdescr_arfcn:= TSPX_TCHcarrierA_hod) | | | |
| Detailed Comments: | | 1) IUT enters state U10 with TCH/F_nonFH in CELL B. | | | |

2) HO from TCH/F_nonFH of cell B to TCH/F_FH in CELL A.

Test Case Dynamic Behaviour

Test Case Name: TC_26_6_5_1_3
Group: GSM_L3_MS_v4170/RR/
Purpose: To test that when the MS is ordered to make a non-synchronized handover it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION message from the SS. To test that the MS correctly handles the values of any Starting Time IE in the HANDOVER COMMAND message and the Timing Advance IE in the PHYSICAL INFORMATION message. To test that the MS activates the new channel correctly.
Default: OtherEventsFail_01

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|---|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_201(63, 53, C_Immass, TCV_slot, TCV_tsc, 5,7, 0, TimingAdv_03, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_A_1(C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_speech, FreqTCHa_hof1, FreqTCHa_hof1d, TimingAdv_03, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsTermFullRateCallFH(TimingAdv_03) | | | 1) |
| 8 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Null:= OM_SendNextOn(TCV_ch, TCV_Fn)) | | | |
| 9 | | +FullRateCh_B_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHb_ho, FreqTCHb_hod, TimingAdv_03, '000'B, '001'B, '011'B) | | | |
| 10 | body | LIDL_DatRqHoCmd | HndOv_21_B2(TCV_Horf, TCV_chTch, TCV_ts, TCV_chdescr_arfcn, TCV_Pwrlvl_ho, TimingAdv_03iei, OC_StartTime(TCV_Fn, C_StartingTimeHO, 1)) | | 2) |
| 11 | | +localtree_varinit2 | | | |
| 12 | | +RR_hocomp1(500, TimingAdv_03) | | | |
| 13 | post | +ChanRel_end(TCV_ch) | | | |
| 14 | | localtree_varinit | | | |
| 15 | | +Varinit_fixcommon (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_asscmd_ts:= TSPX_TmSlcC, TCV_ts:= TSPX_TmSlcD, TCV_Cntref:= TSPX_hoaccessC, TCV_Horf:= TSPX_horfC, TCV_Pwrlvl_ho:= TSPX_PwrlvlB) | | | |
| 16 | | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO) | | | |

Detailed Comments: 1) IUT enters state U10 with TCH/F_FH in cell A
2) HO from TCH/F_FH of cell A to TCH/F_nonFH in CELL B for GSM 900 and DCS1800

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_26_6_5_1_4 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION message from the SS. To test that the MS correctly handles the values of any Starting Time IE in the HANDOVER COMMAND message and the Timing Advance IE in the PHYSICAL INFORMATION message. To test that the MS activates the new channel correctly. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Comments: | | For GSM900 and DCS1800 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_201(53, 63, C_Immass, TCV_slot, TCV_tsc, 5,7, 0, TimingAdv_r02, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +HalfRateCh_B_1(TSPX_TCHHSubDef, C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_r03, FreqTCHb_hof1, FreqTCHb_hof1d, TimingAdv_03, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsTermHalfRateCallFH(TimingAdv_r02) | | | 1) |
| 8 | | +HalfRateCh_A_1_3(TSPX_TCHHSubDef, C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_03, '000'B, '001'B, '011'B) | | | |
| 9 | body | +tree_hosend | | | |
| 10 | | +localtree_varinit2 | | | |
| 11 | | +RR_hocomp1(500, TimingAdv_03) | | | |
| 12 | post | +ChanRel_end(TCV_ch) | | | |
| | | ltree_hosend | | | |
| 13 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 14 | | LIDL_DatRqHoCmd | HndOv_24_A1(TCV_Horf, TCV_chTch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r02iei) | | 2) |
| 15 | | [TSPC_DCS] | | | |
| 16 | | LIDL_DatRqHoCmd | HndOv_24_A1d(TCV_Horf, TCV_chTch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r02iei) | | 2) |
| | | localtree_varinit | | | |
| 17 | | +Varinit_fixcommon | | | |
| 18 | | (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellB), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellB), TCV_PgCh:= C_PCH_B_1, TCV_asscmd_ts:= TSPX_TmSltd, TCV_ts:= '000'B, TCV_Cntref:= TSPX_hoaccessD, TCV_Horf:= TSPX_horfD, TCV_Pwrlvl_ho:= TSPX_PwrlvlB) | | | |
| | | localtree_varinit2 | | | |
| 19 | | (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:= C_arfcnA_HO) | | | |
| Detailed Comments: | | 1) IUT enters state U10 with TCH/F_nonFH in cell B. 2) HO from TCH/F_nonFH of cell B to TCH/H_FH in CELL A. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_26_6_5_1_5 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION message from the SS. To test that the MS correctly handles the values of any Starting Time IE in the HANDOVER COMMAND message and the Timing Advance IE in the PHYSICAL INFORMATION message. To test that the MS activates the new channel correctly. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_201(63, 53, C_Immass, TCV_slot, TCV_tsc, 5,7, 0, TimingAdv_r02, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +HalfRateCh_A_1_3(TSPX_TCHHSubDef, C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_speech, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_r02, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsTermHalfRateCallNonFH(TimingAdv_r02) | | | 1) |
| 8 | | +HalfRateCh_B_1(TSPX_TCHHSubDef, C_Ass, TCV_ts, TCV_tsc, ChMod_r03, FreqTCHb_hof1, FreqTCHb_hof1d, TimingAdv_r02, '000'B, '001'B, '011'B) | | | |
| 9 | body | +ltree_hosend | | | |
| 10 | | +localtree_varinit2 | | | |
| 11 | | +RR_hocomp2(500, TimingAdv_r05) | | | |
| 12 | post | +ChanRel_end(TCV_ch) | | | |
| 13 | | ltree_hosend | | | |
| 14 | | [TSPC_PGSM OR TSPC_EGSM] LIDL_DatRqHoCmd | HndOv_24_B1(TCV_Horf, TCV_chTch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r02iei) | | 2) |
| 15 | | [TSPC_DCS] | | | |
| 16 | | LIDL_DatRqHoCmd | HndOv_24_B1d(TCV_Horf, TCV_chTch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r02iei) | | 2) |
| 17 | | localtree_varinit | | | |
| 18 | | +Varinit_fixcommon (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_asscmd_ts:= TSPX_TmSlte, TCV_ts:= TSPX_TmSlteNotZero, TCV_Cntref:= TSPX_hoaccessE, TCV_Horf:= TSPX_horfE, TCV_Pwrlvl_ho:= TSPX_PwrlvlC) | | | |
| 19 | | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO) | | | |
| Detailed Comments: | | 1) IUT enters state U10 with TCH/H_FH in cell A. 2) HO from TCH/F_nonFH of cell B to TCH/H_FH in CELL B. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_26_6_5_1_6 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION message from the SS. To test that the MS correctly handles the values of any Starting Time IE in the HANDOVER COMMAND message and the Timing Advance IE in the PHYSICAL INFORMATION message. To test that the MS activates the new channel correctly. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_201(53, 63, C_Immass, TCV_slot, TCV_tsc, 5,7, 0, TimingAdv_03, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +HalfRateCh_B_1(TSPX_TCHHSubDef, C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_r03, FreqTCHb_hof1, FreqTCHb_hof1d, TimingAdv_r02, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsTermHalfRateCallFH(TimingAdv_03) | | | 1) |
| 8 | | +HalfRateCh_A_1_3(TSPX_TCHHSubDef, C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHa_hof2, FreqTCHa_hof2d, TimingAdv_r02, '000'B, '001'B, '011'B) | | | |
| 9 | body | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Null:= OM_SendNextOn(TCV_ch, TCV_Fn)) | | | |
| 10 | | LIDL_DatRqHoCmd(DL_DatRqHoCmd.msg.str:= OC_StartTime(TCV_Fn, C_StartingTimeHO, 1)) | HndOv_23_A1(TCV_Horf, TCV_chTch, TCV_ts, TCV_chdescr_arfcn, TCV_Pwrlvl_ho, TimingAdv_03iei) | | 2) |
| 11 | | +localtree_varinit2 | | | |
| 12 | | +RR_hocomp1(500, TimingAdv_03) | | | |
| 13 | post | +ChanRel_end(TCV_ch) | | | |
| 14 | | localtree_varinit | | | |
| 15 | | +Varinit_fixcommon (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellB), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellB), TCV_PgCh:= C_PCH_B_1, TCV_asscmd_ts:= TSPX_TmSlfF, TCV_ts:= TSPX_TmSlfNotZero, TCV_Cntref:= TSPX_hoaccessF, TCV_Horf:= TSPX_horfF, TCV_Pwrlvl_ho:= TSPX_PwrlvlC) | | | |
| 16 | | localtree_varinit2 (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:= C_arfcnA_HO) | | | |
| Detailed Comments: | | 1) IUT enters state U10 with TCH/H_FH in CELL B. 2) HO from TCH/F_nonFH of cell B to TCH/H_nonFH in CELL A. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_26_6_5_1_7 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION message from the SS. To test that the MS correctly handles the values of any Starting Time IE in the HANDOVER COMMAND message and the Timing Advance IE in the PHYSICAL INFORMATION message. To test that the MS activates the new channel correctly. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_201(63, 53, C_Immass, TCV_slot, TCV_tsc, 5,7, 0, TimingAdv_r02, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_A_1(C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_speech, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_r02, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsTermFullRateCallNonFH(TimingAdv_r02) | | | 1) |
| 8 | | +HalfRateCh_B_1(TSPX_TCHHSubDef, C_Ass, TCV_ts, TCV_tsc, ChMod_r03, FreqTCHb_hof2, FreqTCHb_hof2d, TimingAdv_r02, '000'B, '001'B, '011'B) | | | |
| 9 | body | +ltree_hosend | | | |
| 10 | | +localtree_varinit2 | | | |
| 11 | | +RR_hocomp2(500, TimingAdv_r05) | | | |
| 12 | post | +ChanRel_end(TCV_ch) | | | |
| | | ltree_hosend | | | |
| 13 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 14 | | L!DL_DatRqHoCmd | HndOv_24_B3(TCV_Horf, TCV_chTch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r02iei) | | 2) |
| 15 | | [TSPC_DCS] | | | |
| 16 | | L!DL_DatRqHoCmd | HndOv_24_B3d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r02iei) | | 2) |
| | | localtree_varinit | | | |
| 17 | | +Varinit_fixcommon | | | |
| 18 | | (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_asscmd_ts:= TSPX_TmSltG, TCV_ts:= TSPX_TmSltNotZero, TCV_Cntref:= TSPX_hoaccessG, TCV_Horf:= TSPX_horfG, TCV_Pwrlvl_ho:= TSPX_PwrlvlD) | | | |
| | | localtree_varinit2 | | | |
| 19 | | (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO) | | | |
| Detailed Comments: | | 1) IUT enters state U10 with TCH/F_nonFH in cell A 2) HO from TCH/F_nonFH of cell A to TCH/H_FH in CELL B. | | | |

| Test Case Dynamic Behaviour | | | | | |
|---|-------|--|---|---|----------|
| Test Case Name: TC_26_6_5_1_8 | | | | | |
| Group: GSM_L3_MS_v4170/RR/ | | | | | |
| Purpose: To test that when the MS is ordered to make a non-synchronized handover it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION message from the SS. To test that the MS correctly handles the values of any Starting Time IE in the HANDOVER COMMAND message and the Timing Advance IE in the PHYSICAL INFORMATION message. To test that the MS activates the new channel correctly. | | | | | |
| Default: OtherEventsFail_01 | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_201(53, 63, C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r02, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +HalfRateCh_B_1(TSPX_TCHHSubDef, C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_r03, FreqTCHb_hof1, FreqTCHb_hof1d, TimingAdv_r02, '000'B, '001'B, '011'B) | | | |
| 7 | | +FullRateCh_A_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_r02, '000'B, '001'B, '011'B) | | | |
| 8 | | +EstMsTermHalfRateCallFH(TimingAdv_r02) | | | 1) |
| 9 | body | LIDL_DatRqHoCmd | HndOv_21_A(TCV_Horf, TCV_chTch, TCV_ts, TCV_chdescr_arfcn, TCV_Pwrlvl_ho, TimingAdv_r02iei) | | 2) |
| 10 | | +localtree_varinit2 | | | |
| 11 | | +RR_hocomp2(500, TimingAdv_r05) | | | |
| 12 | post | +ChanRel_end(TCV_ch) | | | |
| 13 | | localtree_varinit | | | |
| 14 | | +Varinit_fixcommon (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:=C_arfcnB_HO, TCV_ch:=OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellB), TCV_sacch:=OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch_B:=OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellB), TCV_PgCh:=C_PCH_B_1, TCV_asscmd_ts:=TSPX_TmSltA, TCV_ts:=TSPX_TmSltNotZero, TCV_Cntref:=TSPX_hoaccessH, TCV_Horf:=TSPX_horfH, TCV_Pwrlvl_ho:=TSPX_PwrlvlD) | | | |
| 15 | | localtree_varinit2 (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:=C_arfcnA_HO) | | | |
| Detailed Comments: | | | | | |
| 1) IUT enters state U10 with TCH/F_FH in CELL B. | | | | | |
| 2) HO from TCH/F_nonFH of cell B to TCH/F_nonFH in CELL A. | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_6_5_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a Non-synchronized handover, it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION from the SS. To test that the MS correctly takes the values of the Timing Advance and Starting Time information elements into account. To test that the MS activates the new channel correctly. To test that the MS correctly retransmits Layer 3 MM or CC messages, that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_B_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHb_hof3, FreqTCHb_hof3d, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 8 | | +EstMsOrigTCHF_init(C_CHSDCCH4_NonFH, 1, TimingAdv_r01) | | | |
| 9 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | | 1) |
| 10 | body | +ltree_hosend | | | |
| 11 | | +localtree_varinit2 | | | |
| 12 | | +RR_hocomp1(500, TimingAdv_03) | | | 2) |
| 13 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 14 | | +localtree_mt | | | 4) |
| 15 | post | +ChanRel_end(TCV_ch) | | | |
| | | ltree_hosend | | | |
| 16 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 17 | | LIDL_DatRqHoCmd | HndOv_22_B1(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 18 | | [TSPC_DCS] | | | |
| 19 | | LIDL_DatRqHoCmd | HndOv_22_B1d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| | | localtree_varinit | | | |
| 20 | | +Varinit_fixcommon | | | |
| 21 | | (TCV_cellid:= C_CellA, TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= '000'B, TCV_ts:= '000'B, TCV_Cntref:= TSPX_hoaccessA, TCV_Horf:= TSPX_horfA, TCV_Pwrlvl_ho:= TSPX_PwrlvlA) | | | |
| | | localtree_varinit2 | | | |
| 22 | | (TCV_cellid:= C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= C_FACCHF_B_1) | | | |

| | | |
|--|---|-----|
| 23 | localtree_mt [TCV_Mt1 = TCV_Mt] | (P) |
| 24 | [TCV_Mt1 <> TCV_Mt] | (F) |
| Detailed Comments: 1) L2_frame with the Setup will not be acknowledged by the SS_L2. 2) HO from SDCCH/4_nonFH to TCH/F_FH. 3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg. 4) Check of the sequence number. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_6_5_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover, it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION from the SS. To test that the MS correctly takes the values of the Timing Advance and Starting Time information elements into account. To test that the MS activates the new channel correctly. To test that the MS correctly retransmits Layer 3 MM or CC messages, that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5,7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +HalfRateCh_B_1(TSPX_TCHHSubDef, C_Ass, TCV_ts, TCV_tsc, ChMod_r03, FreqTCHb_hof4, FreqTCHb_hof4d, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 8 | | +EstMsOrigTCHF_init(C_CHSDCCH4_NonFH, 1, TimingAdv_r01) | | | |
| 9 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | | 1) |
| 10 | body | +ltree_hosend | | | |
| 11 | | +localtree_varinit2 | | | |
| 12 | | +RR_hocomp1(500, TimingAdv_03) | | | 2) |
| 13 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 14 | | +localtree_mt | | | 4) |
| 15 | post | +ChanRel_end(TCV_ch) | | | |
| 16 | | ltree_hosend | | | |
| 17 | | [TSPC_PGSM OR TSPC_EGSM] LIDL_DatRqHoCmd | HndOv_24_B2(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 18 | | [TSPC_DCS] | | | |
| 19 | | LIDL_DatRqHoCmd | HndOv_24_B2d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 20 | | localtree_varinit | | | |
| 21 | | +Varinit_fixcommon (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= '000'B, TCV_ts:= TSPX_TmSlitNotZero, TCV_Cntref:= TSPX_hoaccessB, TCV_Horf:= TSPX_horfB, TCV_Pwrlvl_ho:= TSPX_PwrlvlA) | | | |
| 22 | | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= OC_SubchOfFacch(TSPX_TCHHSubDef, C_CellB, 1)) | | | |

| | | | | |
|---------------------------|--|---|--|-----|
| 23 | | localtree_mt | | |
| 24 | | [TCV_Mt1 = TCV_Mt] | | (P) |
| | | [TCV_Mt1 <> TCV_Mt] | | (F) |
| Detailed Comments: | | 1) L2_frame with the Setup will not be acknowledged by the SS_L2. 2) HO from SDCCH/4_nonFH to TCH/H_FH. 3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg. 4) Check of the sequence number. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_6_5_2_3 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover, it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION from the SS. To test that the MS correctly takes the values of the Timing Advance and Starting Time information elements into account. To test that the MS activates the new channel correctly. To test that the MS correctly retransmits Layer 3 MM or CC messages, that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_B_1(TSPX_SDCCH8SubA, C_Ass, TCV_ts, TCV_tsc, ChMod_sign, FreqSDCCH8b_hof1, FreqSDCCH8b_hof1d, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 8 | | +EstMsOrigTCHF_init(C_CHSDCCH4_NonFH, 1, TimingAdv_r01) | | | |
| 9 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | | 1) |
| 10 | body | +ltree_hosend | | | |
| 11 | | +localtree_varinit2 | | | |
| 12 | | +RR_hocomp1(1500, TimingAdv_03) | | | 2) |
| 13 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 14 | | +localtree_mt | | | 4) |
| 15 | post | +ChanRel_end(TCV_ch) | | | |
| ltree_hosend | | | | | |
| 16 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 17 | | L!DL_DatRqHoCmd | HndOv_28_B1(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 18 | | [TSPC_DCS] | | | |
| 19 | | L!DL_DatRqHoCmd | HndOv_28_B1d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| localtree_varinit | | | | | |
| 20 | | +Varinit_fixcommon | | | |
| 21 | | (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= '000'B, TCV_ts:= '000'B, TCV_Cntref:= TSPX_hoaccessC, TCV_Horf:= TSPX_horfC, TCV_Pwrlvl_ho:= TSPX_PwrlvlB) | | | |
| localtree_varinit2 | | | | | |
| 22 | | (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch := OC_SubchOfSdcch8(TSPX_SDCCH8SubA, C_CellB, 1)) | | | |

| | | | | |
|---------------------------|--|--|-----|--|
| 23 | | localtree_mt | | |
| 24 | | [TCV_Mt1 = TCV_Mt] | (P) | |
| | | [TCV_Mt1 <> TCV_Mt] | (F) | |
| Detailed Comments: | | 1) L2_frame with the Setup will not be acknowledged by the SS_L2. 2) HO from SDCCH/4_nonFH to SDCCH8_FH. 3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg. 4) Check of the sequence number. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_6_5_2_4 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover, it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION from the SS. To test that the MS correctly takes the values of the Timing Advance and Starting Time information elements into account. To test that the MS activates the new channel correctly. To test that the MS correctly retransmits Layer 3 MM or CC messages, that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202nc(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_A_1(TSPX_SDCCH8SubA, C_Ass, TCV_ia_ts, TCV_tsc, ChMod_sign, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +SDCCH8_B_1(TSPX_SDCCH8SubA, C_Ass, TCV_ts, TCV_tsc, ChMod_sign, FreqSDCCH8b_hof2, FreqSDCCH8b_hof2d, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 9 | | +EstMsOrigTCHF_init(C_CHSDCCH8_NonFH, 1, TimingAdv_r01) | | | |
| 10 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | | 1) |
| 11 | body | +ltree_hosend | | | |
| 12 | | +localtree_varinit2 | | | |
| 13 | | +RR_hocomp1(1500, TimingAdv_03) | | | 2) |
| 14 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 15 | | +localtree_mt | | | 4) |
| 16 | post | +ChanRel_end(TCV_ch) | | | |
| 17 | | ltree_hosend | | | |
| 18 | | [TSPC_PGSM OR TSPC_EGSM] L!DL_DatRqHoCmd | HndOv_28_B2(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 19 | | [TSPC_DCS] | | | |
| 20 | | L!DL_DatRqHoCmd | HndOv_28_B2d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 21 | | localtree_varinit | | | |
| 22 | | +Varinit_fixcommon (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= TSPX_TmSlitNotZero, TCV_ts:= TSPX_TmSlitNotZero, TCV_Cntref:= TSPX_hoaccessD, TCV_Horf:= TSPX_horfD, TCV_Pwrlvl_ho:= TSPX_PwrlvlB) | | | |

| | | | | |
|---|---|--|-----|--|
| 23 | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch := OC_SubchOfSdcch8(TSPX_SDCCH8SubA, C_CellB, 1)) | | | |
| 24 | localtree_mt [TCV_Mt1 = TCV_Mt] | | (P) | |
| 25 | [TCV_Mt1 <> TCV_Mt] | | (F) | |
| Detailed Comments: <ol style="list-style-type: none"> 1) L2_frame with the Setup will not be acknowledged by the SS_L2. 2) HO from SDCCH8_NonFH to SDCCH8_FH. 3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg. 4) Check of the sequence number. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_6_5_2_5 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover, it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION from the SS. To test that the MS correctly takes the values of the Timing Advance and Starting Time information elements into account. To test that the MS activates the new channel correctly. To test that the MS correctly retransmits Layer 3 MM or CC messages, that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_A_1(C_Ass, TCV_ia_ts, TCV_tsc, ChMod_speech, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +HalfRateCh_B_1(TSPX_TCHHSubDef, C_Ass, TCV_ts, TCV_tsc, ChMod_r03, FreqTCHb_ho, FreqTCHb_hod, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 9 | | +EstMsOrigTCHF_init(C_CHTCHF_NonFH, 1, TimingAdv_r01) | | | |
| 10 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | | 1) |
| 11 | body | L!DL_DatRqHoCmd | HndOv_23_B1(TCV_Horf, TCV_ch, TCV_ts, TCV_chdescr_arfcn, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | |
| 12 | | +localtree_varinit2 | | | |
| 13 | | +RR_hocomp1(750, TimingAdv_03) | | | 2) |
| 14 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 15 | | +localtree_mt | | | 4) |
| 16 | post | +ChanRel_end(TCV_ch) | | | |
| 17 | | localtree_varinit | | | |
| 18 | | +Varinit_fixcommon (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= TSPX_TmSltNotZero, TCV_ts:= TSPX_TmSltNotZero, TCV_Cntref:= TSPX_hoaccessE, TCV_Horf:= TSPX_horfE, TCV_Pwrlvl_ho:= TSPX_PwrlvlB) | | | |
| 19 | | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= OC_SubchOfFacchh(TSPX_TCHHSubDef, C_CellB, 1)) | | | |
| 20 | | localtree_mt [TCV_Mt1 = TCV_Mt] | | (P) | |

| | | |
|--|---------------------|-----|
| 21 | [TCV_Mt1 <> TCV_Mt] | (F) |
| Detailed Comments: <ul style="list-style-type: none">1) L2_frame with the Setup will not be acknowledged by the SS_L2.2) HO from TCH/F_NonFH to TCH/H_NonFH3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg.4) Check of the sequence number. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_6_5_2_6 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover, it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION from the SS. To test that the MS correctly takes the values of the Timing Advance and Starting Time information elements into account. To test that the MS activates the new channel correctly. To test that the MS correctly retransmits Layer 3 MM or CC messages, that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +HalfRateCh_A_1_2(TSPX_TCHHSubDef, C_Ass, TCV_ia_ts, TCV_tsc, ChMod_speech, FreqTCHa_hof3, FreqTCHa_hof3d, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +FullRateCh_B_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHb_hof5, FreqTCHb_hof5d, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 9 | | +EstMsOrigTCHF_init(C_CHTCHH_FH, 2, TimingAdv_r01) | | | |
| 10 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | | 1) |
| 11 | body | +ltree_hosend | | | |
| 12 | | +localtree_varinit2 | | | |
| 13 | | +RR_hocomp1(500, TimingAdv_03) | | | 2) |
| 14 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 15 | | +localtree_mt | | | 4) |
| 16 | post | +ChanRel_end(TCV_ch) | | | |
| 17 | | ltree_hosend | | | |
| 18 | | [TSPC_PGSM OR TSPC_EGSM] L!DL_DatRqHoCmd | HndOv_22_B2(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 19 | | [TSPC_DCS] | | | |
| 20 | | L!DL_DatRqHoCmd | HndOv_22_B2d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 21 | | localtree_varinit | | | |
| 22 | | +Varinit_fixcommon (TCV_cellid:=C_CellA, TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= TSPX_TmSlitC, TCV_ts:= TSPX_TmSlitF, TCV_Cntref:= TSPX_hoaccessF, TCV_Horf:= TSPX_horfF, TCV_Pwrlvl_ho:= TSPX_PwrlvlC) | | | |

| | | | | |
|--|---|--|-----|--|
| 23 | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= C_FACCHF_B_1) | | | |
| 24 | localtree_mt [TCV_Mt1 = TCV_Mt] | | (P) | |
| 25 | [TCV_Mt1 <> TCV_Mt] | | (F) | |
| Detailed Comments: <ol style="list-style-type: none"> 1) L2_frame with the Setup will not be acknowledged by the SS_L2. 2) HO from TCHH_FH to TCH/F_FH 3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg. 4) Check of the sequence number. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_6_5_2_7 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover, it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION from the SS. To test that the MS correctly takes the values of the Timing Advance and Starting Time information elements into account. To test that the MS activates the new channel correctly. To test that the MS correctly retransmits Layer 3 MM or CC messages, that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_A_1(C_Ass, TCV_ia_ts, TCV_tsc, ChMod_speech, FreqTCHa_hof5, FreqTCHa_hof5d, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +FullRateCh_B_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHb_hof5, FreqTCHb_hof5d, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 9 | | +EstMsOrigTCHF_init(C_CHTCHF_FH, 1, TimingAdv_r01) | | | |
| 10 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | | 1) |
| 11 | body | +ltree_hosend | | | |
| 12 | | +localtree_varinit2 | | | |
| 13 | | +RR_hocomp1(500, TimingAdv_03) | | | 2) |
| 14 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 15 | | +localtree_mt | | | 4) |
| 16 | post | +ChanRel_end(TCV_ch) | | | |
| 17 | | ltree_hosend | | | |
| 18 | | [TSPC_PGSM OR TSPC_EGSM] L!DL_DatRqHoCmd | HndOv_22_B3(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 19 | | [TSPC_DCS] | | | |
| 20 | | L!DL_DatRqHoCmd | HndOv_22_B3d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 21 | | localtree_varinit | | | |
| 22 | | +Varinit_fixcommon (TCV_cellid:=C_CellA, TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= TSPX_TmSlitD, TCV_ts:= TSPX_TmSlitG, TCV_Cntref:= TSPX_hoaccessG, TCV_Horf:= TSPX_horfG, TCV_Pwrlvl_ho:= TSPX_PwrlvlC) | | | |

| | | | | |
|--|---|--|-----|--|
| 23 | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= C_FACCHF_B_1) | | | |
| 24 | localtree_mt [TCV_Mt1 = TCV_Mt] | | (P) | |
| 25 | [TCV_Mt1 <> TCV_Mt] | | (F) | |
| Detailed Comments: <ol style="list-style-type: none"> 1) L2_frame with the Setup will not be acknowledged by the SS_L2. 2) HO from TCHH_FH to TCH/F_FH 3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg. 4) Check of the sequence number. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------------|---|---|
| Test Case Name: | | TC_26_6_5_2_8 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover, it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION from the SS. To test that the MS correctly takes the values of the Timing Advance and Starting Time information elements into account. To test that the MS activates the new channel correctly. To test that the MS correctly retransmits Layer 3 MM or CC messages, that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_A_1(TSPX_SDCCH8SubA, C_Ass, TCV_ia_ts, TCV_tsc, ChMod_sign, FreqSDCCHa_hof1, FreqSDCCHa_hof1d, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +FullRateCh_B_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHb_ho, FreqTCHb_hod, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 9 | | +EstMsOrigTCHF_init(C_CHSDCCH8_FH, 1, TimingAdv_r01) | | | |
| 10 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | | 1) |
| 11 | body | L!DL_DatRqHoCmd | | | HndOv_21_B(TCV_Horf, TCV_ch, TCV_ts, TCV_chdescr_arfcn, TCV_Pwrlvl_ho, TimingAdv_r01ei) |
| 12 | | +localtree_varinit2 | | | |
| 13 | | +RR_hocomp1(500, TimingAdv_03) | | | 2) |
| 14 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 15 | | +localtree_mt | | | 4) |
| 16 | post | +ChanRel_end(TCV_ch) | | | |
| 17 | | localtree_varinit +Varinit_fixcommon | | | |
| 18 | | (TCV_cellid:=C_CellA, TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= TSPX_TmSlitE, TCV_ts:= TSPX_TmSlitA, TCV_Cntref:= TSPX_hoaccessH, TCV_Horf:= TSPX_horfH, TCV_Pwrlvl_ho:= TSPX_PwrlvlD) | | | |
| 19 | | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= C_FACCHF_B_1) | | | |
| 20 | | localtree_mt [TCV_Mt1 = TCV_Mt] | | | (P) |
| 21 | | [TCV_Mt1 <> TCV_Mt] | | | (F) |
| Detailed Comments: | | 1) L2_frame with the Setup will not be acknowledged by the SS_L2. | | | |

- 2) HO from TCHH_FH to TCH/F_FH
- 3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg.
- 4) Check of the sequence number.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_6_5_2_9 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover, it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION from the SS. To test that the MS correctly takes the values of the Timing Advance and Starting Time information elements into account. To test that the MS activates the new channel correctly. To test that the MS correctly retransmits Layer 3 MM or CC messages, that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_A_1(TSPX_SDCCH8SubA, C_Ass, TCV_ia_ts, TCV_tsc, ChMod_sign, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +FullRateCh_B_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHb_hof6, FreqTCHb_hof6d, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 9 | | +EstMsOrigTCHF_init(C_CHSDCCH8_NonFH, 1, TimingAdv_r01) | | | |
| 10 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | | 1) |
| 11 | body | +ltree_hosend | | | |
| 12 | | +localtree_varinit2 | | | |
| 13 | | +RR_hocomp1(500, TimingAdv_03) | | | |
| 14 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 15 | | +localtree_mt | | | 4) |
| 16 | post | +ChanRel(TCV_ch) | | | |
| | | ltree_hosend | | | |
| 17 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 18 | | L!DL_DatRqHoCmd | HndOv_22_B4(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 19 | | [TSPC_DCS] | | | |
| 20 | | L!DL_DatRqHoCmd | HndOv_22_B4d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| | | localtree_varinit | | | |
| 21 | | +Varinit_fixcommon | | | |
| 22 | | (TCV_cellid:=C_CellA, TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= TSPX_TmSlfF, TCV_ts:= TSPX_TmSlfB, TCV_Cntref:= TSPX_hoaccessl, TCV_Horf:= TSPX_horfI, TCV_Pwrlvl_ho:= TSPX_PwrlvlD) | | | |

| | | | | |
|--|---|--|-----|--|
| 23 | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= C_FACCHF_B_1) | | | |
| 24 | localtree_mt [TCV_Mt1 = TCV_Mt] | | (P) | |
| 25 | [TCV_Mt1 <> TCV_Mt] | | (F) | |
| Detailed Comments: <ol style="list-style-type: none"> 1) L2_frame with the Setup will not be acknowledged by the SS_L2. 2) HO from TCHH_FH to TCH/F_FH 3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg. 4) Check of the sequence number. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_6_5_2_10 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a non-synchronized handover, it continuously sends access bursts on the main DCCH until it receives a PHYSICAL INFORMATION from the SS. To test that the MS correctly takes the values of the Timing Advance and Starting Time information elements into account. To test that the MS activates the new channel correctly. To test that the MS correctly retransmits Layer 3 MM or CC messages, that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_A_1(TSPX_SDCCH8SubA, C_Ass, TCV_ia_ts, TCV_tsc, ChMod_sign, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +HalfRateCh_B_1(TSPX_TCHHSubDef, C_Ass, TCV_ts, TCV_tsc, ChMod_r03, FreqTCHb_hof7, FreqTCHb_hof7d, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 9 | | +EstMsOrigTCHF_init(C_CHSDCCH8_NonFH, 1, TimingAdv_r01) | | | |
| 10 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | | 1) |
| 11 | body | +ltree_hosend | | | |
| 12 | | +localtree_varinit2 | | | |
| 13 | | +RR_hocomp1(500, TimingAdv_03) | | | 2) |
| 14 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 15 | | +localtree_mt | | | 4) |
| 16 | post | +ChanRel(TCV_chTch) | | | |
| | | ltree_hosend | | | |
| 17 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 18 | | L!DL_DatRqHoCmd | HndOv_24_B4(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| 19 | | [TSPC_DCS] | | | |
| 20 | | L!DL_DatRqHoCmd | HndOv_24_B4d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimingAdv_r01iei) | | 2) |
| | | localtree_varinit | | | |
| 21 | | +Varinit_fixcommon | | | |
| 22 | | (TCV_cellid:=C_CellA, TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= TSPX_TmSlTG, TCV_ts:= TSPX_TmSlTC, TCV_Cntref:= TSPX_hoaccessJ, TCV_Horf:= TSPX_horfJ, TCV_Pwrlvl_ho:= TSPX_PwrlvlD) | | | |

| | | | |
|---|---|--|-----|
| 23 | localtree_varinit2 (TCV_cellid := C_CellB, TCV_chdescr_arfcn := C_arfcnB_HO, TCV_ch := C_FACCH0_B_1) | | |
| 24 | localtree_mt [TCV_Mt1 = TCV_Mt] | | (P) |
| 25 | [TCV_Mt1 <> TCV_Mt] | | (F) |
| Detailed Comments: 1) L2_frame with the Setup will not be acknowledged by the SS_L2. 2) HO from TCHH_FH to TCH/F_FH 3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg. 4) Check of the sequence number. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_26_6_5_3_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a finely synchronized handover to a synchronized cell, it sends 4 access bursts on the main DCCH and then activates the channel correctly, taking into account the value of any Starting Time information element and correctly calculating the timing advance to use. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_A_1(C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_speech, FreqTCHa_hof1, FreqTCHa_hof1d, TimAdv_y, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsTermFullRateCallFH(TimAdv_y) | | | 1) |
| 8 | | +FullRateCh_B_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHb_ho, FreqTCHb_hod, TimAdv_yplusk, '000'B, '001'B, '011'B) | | | |
| 9 | body | LIDL_DatRqHoCmd(DL_DatRqHoCmd.msg.synchi := Synchi_05) | HndOv_21_B(TCV_Horf, TCV_chTch, TCV_ts, TCV_chdescr_arfcn, TCV_Pwrlvl_ho, TimAdv_ykmod256iei) | | 2) |
| 10 | | +localtree_varinit2 | | | |
| 11 | | +RR_hocomp3(500) | | | |
| 12 | post | +ChanRel_end(TCV_ch) | | | |
| localtree_varinit | | | | | |
| 13 | | +Varinit_fixcommon | | | |
| 14 | | (TCV_cellid:=C_CellA, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_asscmd_ts := TSPX_TmSltA, TCV_ts:= TSPX_TmSltNotZero, TCV_Horf:= TSPX_horfA, TCV_Pwrlvl_ho:= TSPX_PwrlvlD) | | | |
| localtree_varinit2 | | | | | |
| 15 | | (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= C_FACCHF_B_1) | | | |
| Detailed Comments: | | 1) IUT enters state U10 with TCH/F_nonFH in cell A 2) HO from TCH/F_FH of cell A to TCH/F_nonFH in CELL B. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_26_6_5_3_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a finely synchronized handover to a synchronized cell, it sends 4 access bursts on the main DCCH and then activates the channel correctly, taking into account the value of any Starting Time information element and correctly calculating the timing advance to use. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +HalfRateCh_A_1_3(TSPX_TCHHSubDef, C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_speech, FreqTCHa_hof2, FreqTCHa_hof2d, TimAdv_y, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsTermHalfRateCallFH(TimingAdv_01) | | | 1) |
| 8 | | +HalfRateCh_B_1(TSPX_TCHHSubDef, C_Ass, TCV_ts, TCV_tsc, ChMod_r03, FreqTCHb_ho, FreqTCHb_hod, TimAdv_yplusk, '000'B, '001'B, '011'B) | | | |
| 9 | body | LIDL_DatRqHoCmd(DL_DatRqHoCmd.msg.synchi := Synchi_05) | HndOv_23_B1(TCV_Horf, TCV_chTch, TCV_ts, TCV_chdescr_arfcn, TCV_Pwrlvl_ho, TimAdv_ykmod256iei) | | 2) |
| 10 | | +localtree_varinit2 | | | |
| 11 | | +RR_hocomp3(500) | | | |
| 12 | post | +ChanRel_end(TCV_ch) | | | |
| localtree_varinit | | | | | |
| 13 | | +Varinit_fixcommon | | | |
| 14 | | (TCV_cellid:=C_CellA, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_asscmd_ts := TSPX_TmSlitB, TCV_ts:= TSPX_TmSlitNotZero, TCV_Horf:= TSPX_horfB, TCV_Pwrlvl_ho:= TSPX_PwrlvlC) | | | |
| localtree_varinit2 | | | | | |
| 15 | | (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= OC_SubchOfFacch(TSPX_TCHHSubDef, C_CellB, 1)) | | | |
| Detailed Comments: | | 1) IUT enters state U10 with TCH/H_nonFH in cell A 2) HO from TCH/H_FH of cell A to TCH/H_nonFH in CELL B. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_6_5_4_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a finely synchronized handover to a synchronized cell, it sends 4 access bursts on the main DCCH and then activates the channel correctly, taking into account the value of any Starting Time information element and correctly calculating the timing advance to use. To test that the MS correctly retransmits Layer 3 MM or CC messages that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202nc(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '000'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_A_1(TSPX_SDCCH8SubA, C_Ass, TCV_ia_ts, TCV_tsc, ChMod_sign, FreqSDCCHa_hof2, FreqSDCCHa_hof2d, TimAdv_y, '000'B, '000'B, '011'B) | | | |
| 7 | | +SDCCH8_B_1(TSPX_SDCCH8SubA, C_Ass, TCV_ts, TCV_tsc, ChMod_sign, FreqSDCCH8b_hof3, FreqSDCCH8b_hof2d, TimAdv_yplusk, '000'B, '000'B, '011'B) | | | |
| 8 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 9 | | +EstMsOrigTCHF_init(C_CHSDCCH8_FH, 2, TimAdv_y) | | | |
| 10 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | (P) | 1) |
| 11 | body | +ltree_hosend | | | |
| 12 | | +localtree_varinit2 | | | |
| 13 | | +RR_hocomp1(1500, TimingAdv_03) | | | 3) |
| 14 | | L?DL_DatInSetup (TCV_Mt1 :=DL_DatInSetup.msg.mt) | SetupIn_01 | | 4) |
| 15 | | +localtree_mt | | | 5) |
| 16 | post | +ChanRel_end(TCV_ch) | | | |
| 17 | | ltree_hosend | | | |
| 18 | | [TSPC_PGSM OR TSPC_EGSM] L!DL_DatRqHoCmd | HndOv_28_B3(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimAdv_ykmod256iei) | | 2) |
| 19 | | [TSPC_DCS] | | | |
| 20 | | L!DL_DatRqHoCmd | HndOv_28_B3d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimAdv_ykmod256iei) | | 2) |
| 21 | | localtree_varinit | | | |
| 22 | | +Varinit_fixcommon (TCV_cellid:=C_CellA, TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= TSPX_TmSlitNotZero, TCV_ts:= TSPX_TmSlitNotZero, TCV_Cntref:= TSPX_hoaccessA, TCV_Horf:= TSPX_horfA, | | | |

| | | | |
|---|---|--|-----|
| | TCV_Pwrlv_ho:= TSPX_Pwrlv(A) | | |
| 23 | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_ch := OC_SubchOfSdcch8(TSPX_SDCCH8SubA, C_CellB, 1), TCV_sacch8 := OC_SubchOfSacch8(TSPX_SDCCH8SubA, C_CellB, 1)) | | |
| 24 | localtree_mt [TCV_Mt1 = TCV_Mt] | | (P) |
| 25 | [TCV_Mt1 <> TCV_Mt] | | (F) |
| Detailed Comments: | | | |
| 1) L2_frame with the Setup will not be acknowledged by the SS_L2. 2) HO from SDCCH/8_FH to SDCCH/8_FH 3) HO Complete in synchronized case. 3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg. 4) Check of the sequence number. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_6_5_4_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a finely synchronized handover to a synchronized cell, it sends 4 access bursts on the main DCCH and then activates the channel correctly, taking into account the value of any Starting Time information element and correctly calculating the timing advance to use. To test that the MS correctly retransmits Layer 3 MM or CC messages that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimAdv_y, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_A_1(TSPX_SDCCH8SubA, C_Ass, TCV_ia_ts, TCV_tsc, ChMod_sign, FreqSDCCHa_hof3, FreqSDCCHa_hof3d, TimAdv_yplusk, '000'B, '001'B, '011'B) | | | |
| 7 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 8 | | +EstMsOrigTCHF_init(C_CHSDCCH8_FH, 3, TimAdv_yplusk) | | | |
| 9 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | (P) | 1) |
| 10 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Null:= OM_SendNextOn(TCV_ch, TCV_Fn)) | | | |
| 11 | body | L!DL_DatRqHoCmd(DL_DatRqHoCmd.msg.synchi := Synchi_05, DL_DatRqHoCmd.msg.str:= OC_StartTime(TCV_Fn, C_StartingTimeHO, 1)) | HndOv_25_B1(TCV_Horf, TCV_ch, TCV_ts, TCV_tsc, TCV_chdescr_arfcn, TCV_Pwrlvl_ho, TimAdv_ykmod256iei) | | 2) |
| 12 | | +localtree_varinit2 | | | |
| 13 | | +RR_hocomp1(1500, TimingAdv_03) | | | 3) |
| 14 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 4) |
| 15 | | +localtree_mt | | | 5) |
| 16 | post | +ChanRel_end(TCV_ch) | | | |
| 17 | | localtree_varinit | | | |
| 18 | | +Varinit_fixcommon (TCV_cellid:=C_CellA, TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= TSPX_TmSltNotZero, TCV_ts:= '000'B, TCV_Horf:= TSPX_horfB, TCV_Pwrlvl_ho:= TSPX_PwrlvlB) | | | |
| 19 | | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellB)) | | | |
| 20 | | localtree_mt [TCV_Mt1 = TCV_Mt] | | (P) | |
| 21 | | [TCV_Mt1 <> TCV_Mt] | | (F) | |
| Detailed Comments: | | 1) L2_frame with the Setup will not be acknowledged by the SS_L2. 2) HO from SDCCH/8_FH to SDCCH/4_NoFH 3) HO complete in synchronized case. | | | |

- 4) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg.
- 5) Check of the sequence number.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_6_5_4_3 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a finely synchronized handover to a synchronized cell, it sends 4 access bursts on the main DCCH and then activates the channel correctly, taking into account the value of any Starting Time information element and correctly calculating the timing advance to use. To test that the MS correctly retransmits Layer 3 MM or CC messages that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202c(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_A_1(C_Ass, TCV_ia_ts, TCV_tsc, ChMod_speech, FreqTCHa_ho, FreqTCHa_hod, TimAdv_y, '000'B, '001'B, '011'B) | | | |
| 7 | | +FullRateCh_B_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHb_hof8, FreqTCHb_hof8d, TimAdv_yplusk, '000'B, '001'B, '011'B) | | | |
| 8 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 9 | | +EstMsOrigTCHF_init(C_CHTCHF_NonFH, 1, TimAdv_y) | | | |
| 10 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | (P) | 1) |
| 11 | body | +ltree_hosend | | | |
| 12 | | +localtree_varinit2 | | | |
| 13 | | +RR_hocomp1(650, TimingAdv_03) | | | 3) |
| 14 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 15 | | +localtree_mt | | | 4) |
| 16 | post | +ChanRel_end(TCV_ch) | | | |
| ltree_hosend | | | | | |
| 17 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 18 | | L!DL_DatRqHoCmd(DL_DatRqHoCmd.msg.synchi := Synchi_05) | HndOv_22_B5(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimAdv_ykmod256iei) | | 2) |
| 19 | | [TSPC_DCS] | | | |
| 20 | | L!DL_DatRqHoCmd(DL_DatRqHoCmd.msg.synchi := Synchi_05) | HndOv_22_B5d(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TimAdv_ykmod256iei) | | 2) |
| localtree_varinit | | | | | |
| 21 | | +Varinit_fixcommon | | | |
| 22 | | (TCV_cellid:=C_CellA, TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= TSPX_TmSlitB, TCV_ts:= '000'B, TCV_Horf:= TSPX_horfA, TCV_Pwrlvl_ho:= TSPX_PwrlvlA) | | | |

| | | | |
|--|---|--|-----|
| 23 | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch:= C_FACCHF_B_1) | | |
| 24 | localtree_mt [TCV_Mt1 = TCV_Mt] | | (P) |
| 25 | [TCV_Mt1 <> TCV_Mt] | | (F) |
| Detailed Comments: 1) L2_frame with the Setup will not be acknowledged by the SS_L2. 2) HO from TCH/F_NoFH to TCH/F_FH 3) HO Complete in synchronized case. 4) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg. 5) Check of the sequence number. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_6_5_4_4 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a finely synchronized handover to a synchronized cell, it sends 4 access bursts on the main DCCH and then activates the channel correctly, taking into account the value of any Starting Time information element and correctly calculating the timing advance to use. To test that the MS correctly retransmits Layer 3 MM or CC messages that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202nc(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '000'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_A_1(TSPX_SDCCH8SubA, C_Ass, TCV_ia_ts, TCV_tsc, ChMod_sign, FreqTCHa_ho, FreqTCHa_hod, TimAdv_y, '000'B, '000'B, '011'B) | | | |
| 7 | | +FullRateCh_B_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCHb_ho, FreqTCHb_hod, TimAdv_yplusk, '000'B, '000'B, '011'B) | | | |
| 8 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 9 | | +EstMsOrigTCHF_init(C_CHSDCCH8_NonFH, 1, TimAdv_yplusk) | | | |
| 10 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | (P) | 1) |
| 11 | body | L!DL_DatRqHoCmd(DL_DatRqHoCmd.msg.synchi := Synchi_05) | HndOv_21_B(TCV_Horf, TCV_ch, TCV_ts, TCV_chdescr_arfcn, TCV_Pwrlvl_ho, TimAdv_ykmod256iei) | | |
| 12 | | +localtree_varinit2 | | | |
| 13 | | +RR_hocomp1(650, TimingAdv_03) | | | 2) |
| 14 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 15 | | +localtree_mt | | | 4) |
| 16 | post | +ChanRel_end(TCV_ch) | | | |
| 17 | | localtree_varinit | | | |
| 18 | | +Varinit_fixcommon (TCV_cellid:=C_CellA, TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_chdescr_arfcn:= C_arfcnA_HO, TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= TSPX_TmSlitNotZero, TCV_ts:= TSPX_TmSlitNotZero, TCV_Horf:= TSPX_horfD, TCV_Pwrlvl_ho:= TSPX_PwrlvlD) | | | |
| 19 | | localtree_varinit2 (TCV_cellid:=C_CellB, TCV_chdescr_arfcn:= C_arfcnB_HO, TCV_ch := C_FACCHF_B_1) | | | |
| 20 | | localtree_mt [TCV_Mt1 = TCV_Mt] | | (P) | |
| 21 | | [TCV_Mt1 <> TCV_Mt] | | (F) | |
| Detailed Comments: | | 1) L2_frame with the Setup will not be acknowledged by the SS_L2. | | | |

- 2) HO from SDCCH/8_FH to TCH/F_NoFH
- 3) Last L3-msg shall be retransmitted by the MS with the same sequence number of last L3-msg.
- 4) Check of the sequence number.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-------------------------|-----|----------|
| Test Case Name: | | TC_26_6_5_5_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that when the MS is ordered to make a pre-synchronized handover to another cell, it sends 4 access bursts on the main DCCH and then activates the channel correctly and correctly calculates the time to transmit. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubC, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubC, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_Comb01(C_Imm, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +StartCellB_21(C_Imm, TCV_slot, TCV_tsc, 0, TimingAdv_08, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 9 | | +FullRateCh_B_1(C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_speech, FreqTCHb, FreqTCHb, TimingAdv_08, '000'B, '001'B, '011'B) | | | |
| 10 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubC, TSPX_MSTxpwrMax, TSPX_MSTxpwrMax) | | | 3. |
| 11 | body | +gsmOrDcs | | | 4. |
| 12 | | +localtree(TCV_chTch1) | | | |
| 13 | | (TCV_L1Head := OM_GetL1Hd(TCV_chTch1)) | | | |
| 14 | | L?DL_EstIn CANCEL T_dly1 | DLEstInd_01 | | |
| 15 | | L?DL_DatInHoCom | HndOvCmp_01(TCV_chTch1) | | |
| 16 | | [TCV_L1Head.ta = '1'B] | | (P) | 5. |
| 17 | | +PostMainLinkRel(TCV_chTch1) | | | |
| 18 | | [TCV_L1Head.ta <> '1'B] | | (F) | |
| 19 | | +PostMainLinkRel(TCV_chTch1) | | | |
| 20 | | ?TIMEOUT T_dly1 | | F | |
| 21 | | localtree(ch:LOGICCH) (TCV_Cnt := 0) | | | |
| 22 | | REPEAT localtree1(ch) UNTIL [TCV_Cnt = 4] | | | |
| 23 | | localtree1(ch:LOGICCH) (TCV_L1Head := OM_GetHoaccPara(ch)) | | | |
| 24 | | L?DL_RaInHoacc(TCV_Hrf := DL_RaInHoacc.msg.horf) | HndOvAcc_02(ch) | | |
| 25 | | [TCV_Hrf <> TSPX_horfD] | | F | |

| | | | | |
|-----------------|-----------------------------------|---|-----|----|
| 26 | [TCV_Hrf = TSPX_horfD] | | (P) | 6. |
| 27 | [TCV_L1Head.ta = '000000'B] | | (P) | |
| 28 | [TCV_L1Head.mspwrlvl = '01000'B] | | (P) | 7. |
| 29 | (TCV_Cnt := TCV_Cnt + 1) | | | |
| 30 | [TCV_L1Head.mspwrlvl <> '01000'B] | | F | |
| 31 | [TCV_L1Head.ta <> '000000'B] | | F | |
| gsmOrDcs | | | | |
| 32 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 33 | L!DL_DatRqHoCmd START T_dly1(650) | HndOv_05(TCV_chTch, TSPX_TmSltC, TSPX_TscC) | | |
| 34 | [TSPC_DCS] | | | |
| 35 | L!DL_DatRqHoCmd START T_dly1(650) | HndOv_12(TCV_chTch, TSPX_TmSltC, TSPX_TscC) | | |

Detailed Comments:

1. To setup BCCH, CCCH, SDCCH4 and a full rate traffic channel for cell A.
2. To setup BCCH, CCCH, SDCCH4 and a full rate traffic channel for cell B.
3. To bring the MS into the U10 state.
4. Pre-synch handover without TA IE.
5. The received timing advance is 1 bit period, pass.
6. The received handover reference is correct.
7. The power level is correct.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------|-----|----------|
| Test Case Name: | | TC_26_6_5_5_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a pre-synchronized handover to another cell, it sends 4 access bursts on the main DCCH and then activates the channel correctly and correctly calculates the time to transmit. To test that the MS correctly retransmits Layer 3 MM or CC messages that were not acknowledged by Layer 2 before the Handover, after completion of the Handover. To test that the MS correctly reports on the time difference between the cells. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5,7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +StartCellB_21(C_Immass, TCV_slot, TCV_tsc, 0, TimingAdv_07, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 8 | | +FullRateCh_B_1(C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_speech, FreqTCHb, FreqTCHb, TimingAdv_07, '000'B, '001'B, '011'B) | | | |
| 9 | body | +AttmpCall | | | |
| 10 | | +BasicServiceMO(TSPX_MO_BscS vc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 11 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 12 | | +gsmOrDcs1 | | | 3. |
| 13 | | L?DL_EstInCmsRq | CmsrReq_01 | | |
| 14 | | (TCV_Null := OM_NoL2Ack(C_I, 2, TCV_ch)) | | | |
| 15 | | +Cipherring_on(TCV_ch) | | | |
| 16 | | +localtree1 | | | |
| 17 | | localtree1 L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | | |
| 18 | | +gsmOrDcs | | | |
| 19 | | +Varinit_fixB | | | |
| 20 | | +localtree2(TCV_ch) | | | |
| 21 | | L?DL_EstIn | DLEstInd_01 | | |
| 22 | | (TCV_L1Head := OM_GetL1Hd(TCV_chTch1)) | | | |
| 23 | | L?DL_DatInHoCom CANCEL T_dly1 | HndOvCmp_03(TCV_ch) | (P) | |
| 24 | | [TCV_L1Head.ta <> '0001001'B] | | (F) | |
| 25 | | +PostMainLinkRel(TCV_ch) | | | |
| 26 | | [TCV_L1Head.ta = '0001001'B] | | (P) | |
| 27 | | L?DL_DatInSetup (TCV_Mt1 := DL_DatInSetup.msg.mt) | SetupIn_01 | | |
| 28 | | [TCV_Mt1 <> TCV_Mt] | | (F) | |

| | | | | |
|---------------------------|--|---|---|-----|
| 29 | | +PostMainLinkRel(TCV_chTch1) | | |
| 30 | | [TCV_Mt1 = TCV_Mt] | | (P) |
| 31 | | +PostMainLinkRel(TCV_ch) | | |
| 32 | | ?TIMEOUT T_dly1 | | F |
| | | localtree2(ch:LOGICCH) | | |
| 33 | | (TCV_Cnt := 0) | | |
| 34 | | REPEAT localtree3(ch) UNTIL [TCV_Cnt = 4] | | |
| | | localtree3(ch:LOGICCH) | | |
| 35 | | (TCV_L1Head := OM_GetHoaccPara(ch)) | | |
| 36 | | L?DL_RaInHoacc (TCV_Hrf := DL_RaInHoacc.msg.horf) | HndOvAcc_02(ch) | |
| 37 | | [TCV_Hrf <> TSPX_horfF] | | F |
| 38 | | [TCV_Hrf = TSPX_horfF] | | (P) |
| 39 | | (TCV_Cnt := TCV_Cnt + 1) | | |
| | | gsmOrDcs | | |
| 40 | | [TSPC_PGSM OR TSPC_EGSM] | | |
| 41 | | L!DL_DatRqHoCmd (TCV_Hrf := DL_DatRqHoCmd.msg.horf, TCV_Pwrlvl := DL_DatRqHoCmd.msg.pcmd.pl) START T_dly1(650) | HndOv_06(TCV_ch, TSPX_TmSltC, TSPX_TscC, TimingAdv_07iei) | |
| 42 | | [TSPC_DCS] | | |
| 43 | | L!DL_DatRqHoCmd (TCV_Hrf := DL_DatRqHoCmd.msg.horf, TCV_Pwrlvl := DL_DatRqHoCmd.msg.pcmd.pl) START T_dly1(650) | HndOv_13(TCV_ch, TSPX_TmSltC, TSPX_TscC, TimingAdv_07iei) | |
| | | gsmOrDcs1 | | |
| 44 | | L!DL_UdatRqImmss | ImmAss_r10(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubB , TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | |
| Detailed Comments: | | 1. Cell A with BCCH, CCCH, SDCCH4 and a traffic channel. 2. Cell B with BCCH, CCCH, SDCCH4 and a traffic channel. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-------------------------|-----|----------|
| Test Case Name: | | TC_26_6_5_6 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To test that when the MS is ordered to make a pseudo synchronized handover to another cell, it sends 4 access bursts on the main DCCH and then activates the channel correctly and correctly calculates the time to transmit. To test that the MS correctly reports the time difference between the cells. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | Cref | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_Comb01(C_Imm, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_05, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_05, '000'B, '001'B, '011'B) | | | |
| 8 | | +StartCellB_21(C_Imm, TCV_slot, TCV_tsc, 0, TimingAdv_09, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 9 | | +FullRateCh_B_1(C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_speech, FreqTCHb, FreqTCHb, TimingAdv_09, '000'B, '001'B, '011'B) | | | |
| 10 | | +PreEnterCCstateU10_r01(TimingAdv_05, TSPX_SDCCH4SubDef, 0, 3) | | | 3. |
| 11 | | +gsmOrDcs | | | 4. |
| 12 | | +localtree(TCV_chTch1) | | | |
| 13 | | +localtree1 | | | |
| | | localtree1 | | | |
| 14 | | (TCV_L1Head := OM_GetL1Hd(TCV_chTch1)) | | | |
| 15 | | L?DL_EstIn CANCEL T_dly1 | DLEstInd_01 | | |
| 16 | | L?DL_DatInHoCom (TCV_Td := DL_DatInHoCom.msg.modif.value) | HndOvCmp_02(TCV_chTch1) | | 5. |
| 17 | | [TCV_L1Head.ta = INT_TO_BIT((TSPX_y2 - 10), 6)] | | (P) | 6. |
| 18 | | +PostMainLinkRel(TCV_chTch1) | | | |
| 19 | | [TCV_L1Head.ta <> INT_TO_BIT((TSPX_y2 - 10), 6)] | | (F) | |
| 20 | | +PostMainLinkRel(TCV_chTch1) | | | |
| 21 | | ?TIMEOUT T_dly1 | | F | |
| | | localtree(ch:LOGICCH) | | | |
| 22 | | (TCV_Cnt := 0) | | | |
| 23 | | REPEAT localtree2(ch) UNTIL [TCV_Cnt = 4] | | | |
| | | localtree2(ch:LOGICCH) | | | |
| 24 | | (TCV_L1Head := OM_GetHoaccPara(ch)) | | | |
| 25 | | L?DL_RacInHoacc (TCV_Hrf := DL_RacInHoacc.msg.horf) | HndOvAcc_02(ch) | | |
| 26 | | [TCV_Hrf <> TSPX_horfH] | | F | |

| | | | |
|-----------------|-----------------------------------|--|-----|
| 27 | [TCV_Hrf = TSPX_horfH] | | (P) |
| 28 | [TCV_L1Head.ta = '000000'B] | | (P) |
| 29 | [TCV_L1Head.mspwrlvl = '01010'B] | | (P) |
| 30 | (TCV_Cnt := TCV_Cnt + 1) | | |
| 31 | [TCV_L1Head.mspwrlvl <> '01010'B] | | F |
| 32 | [TCV_L1Head.ta <> '000000'B] | | F |
| gsmOrDcs | | | |
| 33 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 34 | L!DL_DatRqHoCmd START T_dly1(650) | HndOv_07(TCV_chTch, TSPX_TmSlitC, TSPX_TscC) | |
| 35 | [TSPC_DCS] | | |
| 36 | L!DL_DatRqHoCmd START T_dly1(650) | HndOv_14(TCV_chTch, TSPX_TmSlitC, TSPX_TscC) | |

Detailed Comments:

1. Cell A with BCCH, CCCH, SDCCH4 and a traffic channel.
2. Cell B with BCCH, CCCH, SDCCH4 and a traffic channel.
3. In cell A the timing advance = TSPX_y2.
4. pseudo-synch, rot = 1, nc1, = 0, real time difference = 2*TSPX_k2 + 10., handover reference = TSPX_horfH.
5. The Mobile Time Difference = (2*TSPX_k2 + TSPX_y2) mod 2 097 152 with tolerance of 2.
6. The time advance is correct.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--------------------------------------|---|----------|
| Test Case Name: | | TC_26_6_5_7 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that when the MS is ordered to make a non-synchronized handover to another cell and is ordered to report on the time difference between the cells, that it does so correctly. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | Cref | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_Comb01(C_Imm, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_06, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_06, '000'B, '001'B, '011'B) | | | |
| 8 | | +StartCellB_21(C_Imm, TCV_slot, TCV_tsc, 0, TimingAdv_10, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 9 | | +FullRateCh_B_1(C_Ass, TSPX_TmSlitC, TSPX_TscC, ChMod_speech, FreqTCHb, FreqTCHb, TimingAdv_10, '000'B, '001'B, '011'B) | | | |
| 10 | | +PreEnterCCstateU10_r01(TimingAdv_06, TSPX_SDCCH4SubDef, 0, 3) | | | 3. |
| 11 | body | +gsmOrDcs | | | 4. |
| 12 | | +localtree(TCV_chTch1) | | | |
| 13 | | +localtree1 | | | |
| 14 | | localtree1 L!DL_DatRqPhyinfo | PhyInfo_01(TCV_chTch1, TimingAdv_03) | | |
| 15 | | (TCV_L1Head := OM_GetL1Hd(TCV_chTch1)) | | | |
| 16 | | L?DL_EstIn | DLEstInd_01 | | |
| 17 | | L?DL_DatInHoCom(TCV_Td := DL_DatInHoCom.msg.motdif.value) | HndOvCmp_04(TCV_chTch1) | | |
| 18 | | [TCV_L1Head.ta = '010100'B] | | | |
| 19 | | +PostMainLinkRel(TCV_chTch1) | | | |
| 20 | | [TCV_L1Head.ta <> '010100'B] | | | (F) |
| 21 | | +PostMainLinkRel(TCV_chTch1) | | | |
| 22 | | localtree(ch:LOGICCH) L?DL_RaInHoacc(TCV_Hrf := DL_RaInHoacc.msg.horf) | HndOvAcc_02(ch) | | |
| 23 | | [TCV_Hrf <> TSPX_horfB] | | F | |
| 24 | | [TCV_Hrf = TSPX_horfB] | | | |
| 25 | | L?DL_RaInHoacc(TCV_Hrf := DL_RaInHoacc.msg.horf) | HndOvAcc_02(ch) | | |
| 26 | | [TCV_Hrf <> TSPX_horfB] | | F | |
| 27 | | [TCV_Hrf = TSPX_horfB] | | | |
| 28 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | |

| | | | |
|--|--|-----------------------------------|---|
| 29 | | L!DL_DatRqHoCmd START T_dly1(650) | HndOv_08(TCV_chTch, TSPX_TmSltC, TSPX_TscB) |
| 30 | | [TSPC_DCS] | |
| 31 | | L!DL_DatRqHoCmd START T_dly1(650) | HndOv_15(TCV_chTch, TSPX_TmSltC, TSPX_TscB) |
| Detailed Comments: | | | |
| <ol style="list-style-type: none"> 1. Cell A with BCCH, CCCH, SDCCH4 and a traffic channel. 2. Cell B with BCCH, CCCH, SDCCH4 and a traffic channel. 3. In cell A the timing advance = TSPX_y3. 4. non-synch, rot = 1, nci = 0, handover reference = TSPX_horfB. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-----------------------|-----|----------|
| Test Case Name: | | TC_26_6_5_8 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify the function of timer T3124 and the contents in the message HANDOVER FAILURE | | | |
| Default: | | RcvHdOvAcc | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubC, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubC, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_Comb01(C_ImmMass, TCV_slot, TCV_tsc, 5,7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | 1 |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | +StartCellB_21(C_ImmMass, TCV_slot, TCV_tsc, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 9 | | +FullRateCh_B_1(C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_speech, FreqTCHb, FreqTCHb, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 10 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubC, TSPX_MSTxpwrMax, TSPX_MSTxpwrMax) | | | 3. |
| 11 | | (TCV_L1Head0 := OM_GetL1Hd(TCV_chTch)) | | | |
| 12 | body | +gsmOrDcs | | | 4. |
| 13 | | +localtree(TCV_chTch1) | | | |
| 14 | | L?DL_EstIn CANCEL T_dly | DLEstInd_01 | | |
| 15 | | (TCV_L1Head := OM_GetL1Hd(TCV_chTch)) | | | |
| 16 | | L?DL_DatInHofl | HndOvFI_02(TCV_chTch) | | 5. |
| 17 | | [TCV_L1Head.mspwrl vl = TCV_L1Head0.mspwrlvl] | | (P) | 6. |
| 18 | | +PostMainLinkRel(TCV_chTch) | | | |
| 19 | | [TCV_L1Head.mspwrl vl <> TCV_L1Head0.mspwrlvl] | | (F) | |
| 20 | | +PostMainLinkRel(TCV_chTch) | | | |
| 21 | | ?TIMEOUT T_dly | | F | |
| 22 | | localtree(ch:LOGICCH) (TCV_Cnt := 0) | | | |
| 23 | | REPEAT localtree1(ch) UNTIL [TCV_Cnt = 3] | | | |

| | | | | |
|---|--|--|-----|------------|
| 24 | localtree1(ch:LOGICCH) (TCV_L1Head := OM_GetHoaccPara(ch)) | | | |
| 25 | L?DL_RaInHoacc (TCV_Hrf := DL_RaInHoacc.msg.horf) | HndOvAcc_02(ch) | | |
| 26 | [TCV_Hrf <> TSPX_horfC] | | F | |
| 27 | [TCV_Hrf = TSPX_horfC] | | (P) | |
| 28 | [TCV_L1Head.mspwrlvl = '01000'B] | | (P) | pwrlvl = 8 |
| 29 | (TCV_Cnt := TCV_Cnt + 1) | | | |
| 30 | [TCV_L1Head.mspwrlvl <> '01000'B] | | F | |
| | gsmOrDcs | | | |
| 31 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 32 | L!DL_DatRqHoCmd START T_dly(3000) | HndOv_09(TCV_chTc h, TSPX_TmSltC, TSPX_TscB) | | |
| 33 | [TSPC_DCS] | | | |
| 34 | L!DL_DatRqHoCmd START T_dly(3000) | HndOv_16(TCV_chTc h, TSPX_TmSltC, TSPX_TscB) | | |
| Detailed Comments: | | | | |
| <ol style="list-style-type: none"> 1. To setup BCCH, CCCH, SDCCH4 and a full rate traffic channel for cell A. 2. To setup BCCH, CCCH, SDCCH4 and a full rate traffic channel for cell B. 3. To bring the MS into the U10 state. 4. Non-synchronized handover, power level = 8. 5. On old channel. 6. Power level is the old one (TSPX_MSTxpwrMax) | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-----------------------|-----|----------|
| Test Case Name: | | TC_26_6_5_9 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify the function of timer T3124 and the contents in the message HANDOVER FAILURE | | | |
| Default: | | RcvHdOvAcc | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_Comb01(C_ImmMass, TCV_slot, TCV_tsc, 5,7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | 1 |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | +StartCellB_21(C_ImmMass, TCV_slot, TCV_tsc, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 9 | | +FullRateCh_B_1(C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_speech, FreqTCHb, FreqTCHb, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 10 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubDef, TSPX_MSTxpwrMax, TSPX_MSTxpwrMax) | | | 3. |
| 11 | | (TCV_L1Head0 := OM_GetL1Hd(TCV_chTch)) | | | |
| 12 | body | +gsmOrDcs | | | 4. |
| 13 | | +localtree(TCV_chTch1) | | | |
| 14 | | L?DL_EstIn CANCEL T_dly | DLEstInd_01 | | |
| 15 | | (TCV_L1Head := OM_GetL1Hd(TCV_chTch)) | | | |
| 16 | | L?DL_DatInHofl | HndOvFI_02(TCV_chTch) | | 5. |
| 17 | | [TCV_L1Head.mspwrl vl = TCV_L1Head0.mspwrlvl] | | (P) | 6. |
| 18 | | +PostMainLinkRel(TCV_chTch) | | | |
| 19 | | [TCV_L1Head.mspwrl vl <> TCV_L1Head0.mspwrlvl] | | (F) | |
| 20 | | +PostMainLinkRel(TCV_chTch) | | | |
| 21 | | ?TIMEOUT T_dly | | F | |
| 22 | | localtree(ch:LOGICCH) (TCV_Cnt := 0) | | | |
| 23 | | REPEAT localtree1(ch) UNTIL [TCV_Cnt = 2] | | | |

| | | | | |
|--|--|--|-----|------------|
| 24 | localtree1(ch:LOGICCH) (TCV_L1Head := OM_GetHoaccPara(ch)) | | | |
| 25 | L?DL_RacInHoacc (TCV_Hrf := DL_RacInHoacc.msg.horf) | HndOvAcc_02(ch) | | |
| 26 | [TCV_Hrf <> TSPX_horfC] | | F | |
| 27 | [TCV_Hrf = TSPX_horfC] | | (P) | |
| 28 | [TCV_L1Head.mspwrlvl = '01000'B] | | (P) | pwrlvl = 8 |
| 29 | (TCV_Cnt := TCV_Cnt + 1) | | | |
| 30 | [TCV_L1Head.mspwrlvl <> '01000'B] | | F | |
| | gsmOrDcs | | | |
| 31 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 32 | L!DL_DatRqHoCmd START T_dly(3000) | HndOv_09(TCV_chTc h, TSPX_TmSltC, TSPX_TscB) | | |
| 33 | [TSPC_DCS] | | | |
| 34 | L!DL_DatRqHoCmd START T_dly(3000) | HndOv_16(TCV_chTc h, TSPX_TmSltC, TSPX_TscB) | | |
| Detailed Comments: | | | | |
| <ol style="list-style-type: none"> 1. To setup BCCH, CCCH, SDCCH4 and a full rate traffic channel for cell A. 2. To setup BCCH, CCCH, SDCCH4 and a receiving only full rate traffic channel for cell B. 3. To bring the MS into the U10 state. 4. Non-synchronized handover, power level = 8. 5. On old channel. 6. Power level is the old one (TSPX_MSTxpwrMax) | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_6_6_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS, after receiving a Frequency Redefinition message, starts using the new frequencies and hopping sequence at the time indicated in the message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(642) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +test1 | | | |
| 5 | | +test2 | | | |
| 6 | | +test3 | | | |
| 7 | | +test4 | | | |
| 8 | | +test5 | | | |
| 9 | | +test6 | | | |
| 10 | | [TSPC_DualRate = TRUE] | | | |
| 11 | | +test7 | | | |
| 12 | | +test8 | | | |
| 13 | | +test9 | | | |
| 14 | | [TSPC_DualRate = FALSE] | | | |
| | | test1 | | | |
| 15 | | +sdcch8(Freq_rg18, Freq_rd18, TSPX_TmSlitA, TSPX_TscA, Ca2_g01, Ca3_g01, Ma1_g01, Ma2_g01, Ma3_g01, 6, 7, 91, ChDescrp_r57) | | | 1. |
| | | test2 | | | |
| 16 | | +sdcch8(Freq_rg19, Freq_rd19, TSPX_TmSlitB, TSPX_TscB, Ca2_g02, Ca3_g02, Ma1_g02, Ma2_g02, Ma3_g02, 2, 1, 42000, ChDescrp_r58) | | | |
| | | test3 | | | |
| 17 | | +sdcch8(Freq_rg20, Freq_rd20, TSPX_TmSlitC, TSPX_TscC, Ca2_g03, Ca3_g03, Ma1_g03, Ma2_g03, Ma3_g03, 1, 3, 1000, ChDescrp_r59) | | | |
| | | test4 | | | |
| 18 | | +tchf(Freq_rg21, Freq_rd21, TSPX_TmSlitD, TSPX_TscD, Ca2_g04, Ca3_g04, Ma1_g04, Ma2_g04, Ma3_g04, 2, 3, 91, ChDescrp_r60) | | | 2. |
| | | test5 | | | |
| 19 | | +tchf(Freq_rg22, Freq_rd22, TSPX_TmSlitE, TSPX_TscE, Ca2_g05, Ca3_g05, Ma1_g05, Ma2_g05, Ma3_g05, 4, 2, 42000, ChDescrp_r61) | | | |
| | | test6 | | | |
| 20 | | +tchf(Freq_rg23, Freq_rd23, TSPX_TmSlitF, TSPX_TscF, Ca2_g06, Ca3_g06, Ma1_g06, Ma2_g06, Ma3_g06, 6, 4, 15000, ChDescrp_r62) | | | |
| | | test7 | | | |
| 21 | | +tchh(Freq_rg24, Freq_rd24, TSPX_TmSlitG, TSPX_TscG, Ca2_g07, Ca3_g07, Ma1_g07, Ma2_g07, Ma3_g07, 7, 4, 91, ChDescrp_r63) | | | 3. |
| | | test8 | | | |
| 22 | | +tchh(Freq_rg25, Freq_rd25, TSPX_TmSlitA, TSPX_TscA, Ca2_g08, Ca3_g08, Ma1_g08, Ma2_g08, Ma3_g08, 2, 5, 42000, ChDescrp_r64) | | | |
| | | test9 | | | |
| 23 | | +tchh(Freq_rg26, Freq_rd26, TSPX_TmSlitDef, TSPX_TscDef, Ca2_g09, Ca3_g09, Ma1_g09, | | | |

| | | | |
|----|---|---|-----|
| | Ma2_g09, Ma3_g09, 5, 3, 4000, ChDescrp_r65) | | |
| | test(Ca2, Ca3: CCHD; Ma1, Ma2, Ma3: MA; Maio2, Maio3, tm:INTEGER; Chd: CHD) | | |
| 24 | +channelass(Ma1,Chd) | | |
| 25 | +part1(Ca2, Ca3, Ma2, Ma3, Maio2, Maio3, tm, Chd) | | |
| | part1(Ca2, Ca3: CCHD; Ma2, Ma3: MA; Maio2, Maio3, tm:INTEGER; Chd: CHD) | | |
| 26 | (TCV_Res := OM_FHCHK(TCV_chTch)) | | |
| 27 | [TCV_Res = FALSE] | | (F) |
| 28 | +PostMainLinkRel(TCV_chTch) | | |
| 29 | [TCV_Res = TRUE] | | (P) |
| 30 | (TCV_Fn := OM_ComingFn(TCV_chTch), TCV_chd1 := Chd, TCV_chd1.maio := INT_TO_BIT(Maio2, 6), TCV_Strt := OC_StartTime(TCV_Fn, tm, 0), TCV_Null := OM_SendNextOn(TCV_chTch, TCV_Fn)) | | |
| 31 | (TCV_Null := OM_FreqDef(TCV_Strt, Ma2, TCV_chTch, TCV_chd1, Ca2)) | | |
| 32 | LIDL_DatRqFrqre | FrqRedf_01(TCV_chTch, TCV_chd1, Ma2, TCV_Strt, Ca2) | |
| 33 | +part2(Ca3, Ma3, Maio3, tm, Chd) | | |
| | part2(Ca3: CCHD; Ma3: MA; Maio3, tm:INTEGER; Chd: CHD) | | |
| 34 | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | |
| 35 | [TCV_Res = FALSE] | | (F) |
| 36 | +PostMainLinkRel(TCV_chTch) | | |
| 37 | [TCV_Res = TRUE] | | (P) |
| 38 | (TCV_Fn := OM_ComingFn(TCV_chTch), TCV_chd1 := Chd, TCV_chd1.maio := INT_TO_BIT(Maio3, 6), TCV_Strt := OC_StartTime(TCV_Fn, tm, 0), TCV_Null := OM_SendNextOn(TCV_chTch, TCV_Fn)) | | |
| 39 | +part3(Ca3, Ma3) | | |
| | part3(Ca3: CCHD; Ma3: MA) | | |
| 40 | (TCV_Null := OM_FreqDef(TCV_Strt, Ma3, TCV_chTch, TCV_chd1, Ca3)) | | |
| 41 | LIDL_DatRqFrqre | FrqRedf_01(TCV_chTch, TCV_chd1, Ma3, TCV_Strt, Ca3) | |
| 42 | +Check | | |
| 43 | +PostMainLinkRel(TCV_chTch) | | |
| 44 | (TCV_Null := OM_StopCell(C_CellA)) | | |
| | Check | | |
| 45 | (TCV_Res := OM_FHCHK(TCV_chTch)) | | |
| 46 | [TCV_Res = FALSE] | | (F) |
| 47 | [TCV_Res = TRUE] | | (P) |
| | sdccch8(FqParag, FqParad:FRQPARA; Tmslt:SN; Tsc:TSC; Ca2, Ca3: CCHD; Ma1, Ma2, Ma3: MA; Maio2, Maio3, tm:INTEGER; Chd: CHD) | | |
| 48 | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | |
| 49 | +PreEnterIdleState_r06(FqParag, FqParad, C_Immash, C_S0, C_BCC, TimingAdv_01, 0, '000'B, '000'B, '011'B, '00'O) | | |
| 50 | +SDCCH8_A_1_2_nociph(TSPX_SDCCH8SubA, C_Immash, Tmslt, Tsc, ChMod_sign, FqParag, FqParad, TimingAdv_r01, '000'B, '001'B, '011'B) | | |
| 51 | +test(Ca2, Ca3, Ma1, Ma2, Ma3, Maio2, Maio3, tm, Chd) | | |

| | | | | |
|--|--|--|--|-------------------------|
| 52 | tchf(FqParag, FqParad:FRQPARA; Tmslt:SN; Tsc:TSC; Ca2, Ca3: CCHD; Ma1, Ma2, Ma3: MA; Maio2, Maio3, tm:INTEGER; Chd: CHD) | | | |
| 53 | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 54 | +PreEnterIdleState_r06(FqParag, FqParad, C_Immass, C_S0, C_BCC, TimingAdv_01, 0, '000'B, '000'B, '011'B, '00'O) | | | |
| 55 | +FullRateCh_A_1_nociph(C_Immass, Tmslt, Tsc, ChMod_sign, FqParag, FqParad, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 56 | +test(Ca2, Ca3, Ma1, Ma2, Ma3, Maio2, Maio3, tm, Chd) | | | |
| 57 | tchh(FqParag, FqParad:FRQPARA; Tmslt:SN; Tsc:TSC; Ca2, Ca3: CCHD; Ma1, Ma2, Ma3: MA; Maio2, Maio3, tm:INTEGER; Chd: CHD) | | | |
| 58 | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 59 | +PreEnterIdleState_r06(FqParag, FqParad, C_Immass, C_S0, C_BCC, TimingAdv_01, 0, '000'B, '000'B, '011'B, '00'O) | | | |
| 60 | +HalfRateCh_A_1_3_nociph(TSPX_TCHHSubDef, C_Immass, Tmslt, Tsc, ChMod_sign, FqParag, FqParad, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 61 | +test(Ca2, Ca3, Ma1, Ma2, Ma3, Maio2, Maio3, tm, Chd) | | | |
| 62 | channelass(Ma1:MA; Chd:CHD) | | | |
| 63 | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 64 | L?DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 65 | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 66 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 67 | L?DL_UdatRqImmass | ImmAss_02(TCV_agc h, TCV_Rr, TCV_Fn, TimingAdv_r01, Chd, Ma1) | | |
| 68 | L?DL_EstInPgRes(TCV_Fn := DL_EstInPgRes.fn) | PgRes_01 | | |
| 69 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| Detailed Comments: | | | | |
| 1. To perform test on SDCCH channel for GSM. | | | | |
| 2. To perform test on TCH/F channel for GSM. | | | | |
| 3. To perform test on TCH/H channel for GSM. | | | | |
| 4. To perform test on SDCCH channel for DCS. | | | | |
| 5. To perform test on TCH/F channel for DCS. | | | | |
| 6. To perform test on TCH/H channel for DCS. | | | | |

Test Case Dynamic Behaviour

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|------------------------|--|
| Test Case Name: | TC_26_6_7_1 |
| Group: | GSM_L3_MS_v4170/RR/ |
| Purpose: | To verify that the MS, in an RR connected state, acknowledging a CHANNEL MODE MODIFY message by sending a CHANNEL MODE MODIFY ACKNOWLEDGEMENT message specifying and switching to the correct mode. <ul style="list-style-type: none"> - the new mode if that mode is supported - the old mode if the new mode is not supported. <p>This shall be verified for the channel modes</p> <ul style="list-style-type: none"> - signalling only - speech full rate - data 9.6 Kb/s - data 4.8 Kb/s full rate - data 2.4 Kb/s full rate. |
| Default: | OtherEventsFail |
| Comments: | apply only to the MS supporting TCH/F. |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|---|-----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +gsmOrDcs | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSttDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 8 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_05) | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L!DL_UdatRqImmass | ImmAss_r13(TCV_agch, TCV_Rr, TCV_Fn, TCV_chd1, TimingAdv_r01) | | 2. |
| 12 | | L?DL_EstInPgRes | PgRes_r05 | | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | body | L!DL_DatRqChmmo | ChmmoReq_01(ChMod_speech, TCV_chTch, TCV_chd1) | | |
| 15 | | [TSPC_FullRateSpeech = TRUE] | | | |
| 16 | | L?DL_DatInChmmoAck | ChmmoAck_01(ChMod_speech, TCV_chTch, TCV_chd1) | (P) | |
| 17 | | +localtree(ChMod_speech) | | | |
| 18 | | [TSPC_FullRateSpeech = FALSE] | | | |
| 19 | | L?DL_DatInChmmoAck | ChmmoAck_01(ChMod_sign, TCV_chTch, TCV_chd1) | (P) | |
| 20 | | +localtree(ChMod_sign) | | | |
| | | localtree(chm:CHMOD) | | | |

| | | | |
|----|--------------------------------------|--|-----|
| 21 | L!DL_DatRqChmmo | ChmmoReq_01(ChMod_12k, TCV_chTch, TCV_chd1) | |
| 22 | [TSPC_96Data = TRUE] | | |
| 23 | L?DL_DatInChmmoAck | ChmmoAck_01(ChMod_12k, TCV_chTch, TCV_chd1) | (P) |
| 24 | LIDL_DatRqChmmo | ChmmoReq_01(ChMod_6k, TCV_chTch, TCV_chd1) | |
| 25 | [TSPC_48DataF = TRUE] | | |
| 26 | +localtree2 | | |
| 27 | [TSPC_48DataF = FALSE] | | |
| 28 | L?DL_DatInChmmoAck | ChmmoAck_01(ChMod_12k, TCV_chTch, TCV_chd1) | (P) |
| 29 | LIDL_DatRqChmmo | ChmmoReq_01(ChMod_3k, TCV_chTch, TCV_chd1) | |
| 30 | [TSPC_24DataF = TRUE] | | |
| 31 | L?DL_DatInChmmoAck | ChmmoAck_01(ChMod_3k, TCV_chTch, TCV_chd1) | (P) |
| 32 | +localtree1 | | |
| 33 | [TSPC_24DataF = FALSE] | | |
| 34 | L?DL_DatInChmmoAck | ChmmoAck_01(ChMod_12k, TCV_chTch, TCV_chd1) | (P) |
| 35 | +localtree1 | | |
| 36 | [TSPC_96Data = FALSE] | | |
| 37 | L?DL_DatInChmmoAck | ChmmoAck_01(chm, TCV_chTch, TCV_chd1) | (P) |
| 38 | LIDL_DatRqChmmo | ChmmoReq_01(ChMod_6k, TCV_chTch, TCV_chd1) | |
| 39 | [TSPC_48DataF = TRUE] | | |
| 40 | +localtree2 | | |
| 41 | [TSPC_48DataF = FALSE] | | |
| 42 | L?DL_DatInChmmoAck | ChmmoAck_01(chm, TCV_chTch, TCV_chd1) | (P) |
| 43 | LIDL_DatRqChmmo | ChmmoReq_01(ChMod_3k, TCV_chTch, TCV_chd1) | |
| 44 | [TSPC_24DataF = TRUE] | | |
| 45 | L?DL_DatInChmmoAck | ChmmoAck_01(ChMod_3k, TCV_chTch, TCV_chd1) | (P) |
| 46 | +localtree1 | | |
| 47 | [TSPC_24DataF = FALSE] | | |
| 48 | L?DL_DatInChmmoAck | ChmmoAck_01(chm, TCV_chTch, TCV_chd1) | (P) |
| 49 | +localtree1 | | |
| 50 | localtree1 L!DL_DatRqChmmo | ChmmoReq_01(ChMod_sign, TCV_chTch, TCV_chd1) | |

| | | | |
|--|---|--|-----|
| 51 | L?DL_DatInChmmoAck | ChmmoAck_01(ChMod_sign, TCV_chTch, TCV_chd1) | (P) |
| 52 | +PostMainLinkRel(TCV_chTch) | | |
| localtree2 | | | |
| 53 | L?DL_DatInChmmoAck | ChmmoAck_01(ChMod_6k, TCV_chTch, TCV_chd1) | (P) |
| 54 | L!DL_DatRqChmmo | ChmmoReq_01(ChMod_3k, TCV_chTch, TCV_chd1) | |
| 55 | [TSPC_24DataF = TRUE] | | |
| 56 | L?DL_DatInChmmoAck | ChmmoAck_01(ChMod_3k, TCV_chTch, TCV_chd1) | (P) |
| 57 | +localtree1 | | |
| 58 | [TSPC_24DataF = FALSE] | | |
| 59 | L?DL_DatInChmmoAck | ChmmoAck_01(ChMod_6k, TCV_chTch, TCV_chd1) | (P) |
| 60 | +localtree1 | | |
| gsmOrDcs | | | |
| 61 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 62 | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_chd1 := ChDescrp_r02(TSPX_TmSlitDef, TSPX_TscDef)) | | |
| 63 | [TSPC_DCS] | | |
| 64 | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_chd1 := ChDescrp_r02d(TSPX_TmSlitDef, TSPX_TscDef)) | | |
| Detailed Comments: | | | |
| 1. Default system informations for RR testing. | | | |
| 2. TCH/F channel. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_26_6_7_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | <p>To verify that the MS, in an RR connected state, acknowledges a CHANNEL MODE MODIFY message by sending a CHANNEL MODE MODIFY ACKNOWLEDGEMENT message specifying and switches to the correct mode</p> <ul style="list-style-type: none"> - the new mode if that mode is supported - the old mode if the new mode is not supported. <p>This shall be verified for the channel modes</p> <ul style="list-style-type: none"> - signalling only - speech half rate - data 4.8 Kb/s half rate - data 2.4 Kb/s half rate | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | apply only to the MS supporting TCH/H. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +gsmOrDcs | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +HalfRateCh_A_1_nociph(TSPX_TCHHSubA, C_Immass, TSPX_TmSltDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0 A, TSPX_IMSI) | | | |
| 8 | | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_05) | | |
| 9 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | LIDL_UdatRqImm | ImmAss_r14(TCV_ag ch, TCV_Rr, TCV_Fn, TCV_chd1, TimingAdv_r01) | | 2. |
| 12 | | L?DL_EstInPgRes | PgRes_r05 | | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | LIDL_DatRqChmmo | ChmmoReq_02(ChMod_speech, TCV_chTch, TCV_chd1) | | |
| 15 | | L?DL_DatInChmmoAck | ChmmoAck_02(ChMod_speech, TCV_chTch, TCV_chd1) | (P) | |
| 16 | | [TSPC_HalfRateSpeech = TRUE] | | | |
| 17 | | L?DL_DatInChmmoAck | ChmmoAck_02(ChMod_speech, TCV_chTch, TCV_chd1) | (P) | |
| 18 | | +localtree(ChMod_speech) | | | |
| 19 | | [TSPC_HalfRateSpeech = FALSE] | | | |
| 20 | | L?DL_DatInChmmoAck | ChmmoAck_02(ChMod_sign, TCV_chTch, TCV_chd1) | (P) | |
| 21 | | +localtree(ChMod_sign) | | | |

| | | | |
|--|---|--|-----|
| 22 | localtree(chm:CHMOD) L!DL_DatRqChmmo | ChmmoReq_02(ChMod_6k, TCV_chTch, TCV_chd1) | |
| 23 | [TSPC_48DataH = TRUE] | | |
| 24 | +localtree2 | | |
| 25 | [TSPC_48DataH = FALSE] | | |
| 26 | L?DL_DatInChmmoAck | ChmmoAck_02(chm, TCV_chTch, TCV_chd1) | (P) |
| 27 | LIDL_DatRqChmmo | ChmmoReq_02(ChMod_3k, TCV_chTch, TCV_chd1) | |
| 28 | [TSPC_24DataH = TRUE] | | |
| 29 | L?DL_DatInChmmoAck | ChmmoAck_02(ChMod_3k, TCV_chTch, TCV_chd1) | (P) |
| 30 | +localtree1 | | |
| 31 | [TSPC_24DataH = FALSE] | | |
| 32 | L?DL_DatInChmmoAck | ChmmoAck_02(chm, TCV_chTch, TCV_chd1) | (P) |
| 33 | +localtree1 | | |
| 34 | localtree1 L!DL_DatRqChmmo | ChmmoReq_02(ChMod_sign, TCV_chTch, TCV_chd1) | |
| 35 | L?DL_DatInChmmoAck | ChmmoAck_02(ChMod_sign, TCV_chTch, TCV_chd1) | (P) |
| 36 | +PostMainLinkRel(TCV_chTch) | | |
| 37 | localtree2 L?DL_DatInChmmoAck | ChmmoAck_02(ChMod_6k, TCV_chTch, TCV_chd1) | (P) |
| 38 | L!DL_DatRqChmmo | ChmmoReq_02(ChMod_3k, TCV_chTch, TCV_chd1) | |
| 39 | [TSPC_24DataH = TRUE] | | |
| 40 | L?DL_DatInChmmoAck | ChmmoAck_02(ChMod_3k, TCV_chTch, TCV_chd1) | (P) |
| 41 | +localtree1 | | |
| 42 | [TSPC_24DataH = FALSE] | | |
| 43 | L?DL_DatInChmmoAck | ChmmoAck_02(ChMod_6k, TCV_chTch, TCV_chd1) | (P) |
| 44 | +localtree1 | | |
| 45 | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | |
| 46 | (TCV_chd1 := ChDescrp_r03(TSPX_TCHHSubA, TSPX_TmSlitDef, TSPX_TscDef)) | | |
| 47 | [TSPC_DCS] | | |
| 48 | (TCV_chd1 := ChDescrp_r03d(TSPX_TCHHSubA, TSPX_TmSlitDef, TSPX_TscDef)) | | |
| Detailed Comments: | | | |
| 1. Default system informations for RR testing. | | | |
| 2. TCH/H channel | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--------------------|-----|-------------------------|
| Test Case Name: | | TC_26_6_8_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS starts ciphering when it receives a CIPHERING MODE COMMAND message with Cipher Mode Setting = "Start Ciphering". To verify that it continues to use the old cipher key after it receives an AUTHENTICATION REQUEST whilst in ciphered mode. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDA)) | | | |
| 5 | | +PreEnterIdleState_r03(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | body | [TSPC_Feat_A51 =TRUE] | | | |
| 7 | | (TCV_CphAlg := '000'B) | | | |
| 8 | | +AttmpCall | | | |
| 9 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 10 | | +localtree | | 2. | |
| 11 | | [TSPC_Feat_A52 =TRUE] | | | |
| 12 | | (TCV_CphAlg := '001'B) | | | |
| 13 | | +AttmpCall | | | |
| 14 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 15 | | +localtree | | 3. | |
| 16 | | [TSPC_Feat_A52 =FALSE] | | | |
| 17 | | [TSPC_Feat_A51 =FALSE] | | | |
| 18 | | [TSPC_Feat_A52 =TRUE] | | | |
| 19 | | (TCV_CphAlg := '001'B) | | | |
| 20 | | +AttmpCall | | | |
| 21 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 22 | | +localtree | | 3. | |
| 23 | | localtree L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 24 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 25 | | +gsmOrDcs | | | |
| 26 | | L?DL_EstInCmsRq | CmserReq_01 | | |
| 27 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 28 | | L!DL_DatRqAuthRq (DL_DatRqAuthRq.msg.rand := TSPX_RANDA) | AuthReq_01(TCV_ch) | | |
| 29 | | L?DL_DatInAuthRes | AuthRes_01 | | |
| 30 | | (TCV_CphMd.algid := TCV_CphAlg) | | | |
| 31 | | (TCV_Null := OM_CphMdChg(TCV_ch, TCV_CphMd, TCV_CphKey)) | | | |
| 32 | | L!DL_DatRqCphmCmd (DL_DatRqCphmCmd.msg.cphms.algid := TCV_CphAlg) | CphCmd_01(TCV_ch) | 4. | |
| 33 | | L?DL_DatInCphmCom | CphCmp_01 | (P) | |
| 34 | | L?DL_DatInSetup | SetupIn_01 | | |
| 35 | | L!DL_DatRqAuthRq | AuthReq_01(TCV_ch) | | |
| 36 | | L?DL_DatInAuthRes | AuthRes_01 | (P) | |

| | | | | |
|---|-----------------------------------|--------------------------|--|--|
| 37 | | +PostMainLinkRel(TCV_ch) | | |
| 38 | gsmOrDcs L!DL_UdatRqImm | | ImmAss_r10(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubDef, TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | |
| Detailed Comments: <ol style="list-style-type: none"> 1 cell with default parameters except Radio-Link-Timeout = 64. Test the A5/1 algorithm. Test the A5/2 algorithm. Ciphering mode setting = "Start ciphering". | | | | |

| Test Case Dynamic Behaviour | | | | | |
|--|-------|---|--|-----|-------------------------|
| Test Case Name: | | TC_26_6_8_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS does not start ciphering when it receives a CIPHERING MODE COMMAND message with Cipher Mode Setting = "No Ciphering". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_r03(C_Imm, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | body | +AttmpCall | | | |
| 7 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 8 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq, msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_04 | | |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 10 | | L!DL_UdatRqImm | ImmAss_r10(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubA, TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | | |
| 11 | | L?DL_EstInCmsRq | CmsReq_01 | | |
| 12 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 13 | | L!DL_DatRqAuthRq | AuthReq_01(TCV_ch) | | |
| 14 | | L?DL_DatInAuthRes | AuthRes_01 | | |
| 15 | | L!DL_DatRqCphmCmd | CphCmd_02(TCV_ch) | | 2. |
| 16 | | L?DL_DatInCphmCom | CphCmp_01 | | |
| 17 | | L?DL_DatInSetup | SetupIn_01 | (P) | |
| 18 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: <ol style="list-style-type: none"> 1 cell with default parameters except Radio-Link-Timeout = 64. Ciphering mode setting = "no ciphering". | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_26_6_8_3 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS uses the stored cipher key when it receives a CIPHERING MODE COMMAND without a preceding authentication procedure. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_r03(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | body | +AttmpCall | | | |
| 7 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 8 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 10 | | +gsmOrDcs | | | |
| 11 | | L?DL_EstInCmsRq | CmsrReq_01 | | |
| 12 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 13 | | (TCV_CphMd.algid := TSPX_CphAlgA) | | | 2. |
| 14 | | (TCV_Null := OM_CphMdChg(TCV_ch, TCV_CphMd, TCV_CphKey)) | | | |
| 15 | | L!DL_DatRqCphmCmd (DL_DatRqCphmCmd.msg.cphms.algid := TSPX_CphAlgA) | CphCmd_01(TCV_ch) | | 3. |
| 16 | | L?DL_DatInCphmCom | CphCmp_01 | (P) | |
| 17 | | L?DL_DatInSetup | SetupIn_01 | (P) | |
| 18 | | +PostMainLinkRel(TCV_ch) | | | |
| 19 | | gsmOrDcs L!DL_UdatRqImmass | ImmAss_r10(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubB, TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | | |
| Detailed Comments: | | <p>1. 1 cell with default parameters except Radio-Link-Timeout = 64.</p> <p>2. The ciphering algorithm is chosen arbitrarily but controllable (TSPX_CphAlgA).</p> <p>3. Ciphering mode setting = "Start ciphering", old stored Kc. (generated by TSPX_Ki and TSPX_RANDDef)</p> | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_26_6_8_4 |
| Group: | GSM_L3_MS_v4170/RR/ |
| Purpose: | <p>1 To verify that when the MS is in the "not ciphered" mode and receives the CIPHERING MODE COMMAND message with Ciphering Mode Setting information element set to "start ciphering", the MS uses the cipher key stored in the SIM to start ciphering and deciphering with the algorithm indicated by the "algorithm identifier" field and that the MS responds with a CIPHERING MODE COMPLETE message.</p> <p>2 To verify that the MS is ready to transmit the CIPHERING MODE COMPLETE message before 500ms after the end of the CIPHERING MODE COMMAND message.</p> <p>3 To verify that when the MS receives an ASSIGNMENT COMMAND message containing a Cipher Mode Setting IE after receipt of a CIPHERING MODE COMMAND message, the MS shall perform the assignment, use the commanded mode and/or algorithm on the new channel, and not change the ciphering key.</p> <p>4 To verify that when the MS receives a HANOVER COMMAND message containing a Cipher Mode Setting IE after receipt of a CIPHERING MODE COMMAND message, the MS shall perform the handover, use the commanded mode and/or algorithm on the new channel, and not change the ciphering key</p> <p>5 To verify that when the MS is in the "ciphered" mode and receives the CIPHERING MODE COMMAND message with Cipher Mode Setting IE set to "no ciphering", the MS loads the cipher key stored in the SIM into the ME, stops ciphering and deciphering and, responds with a CIPHERING MODE COMPLETE message.</p> <p>6 To verify that the MS responds to an AUTHENTICATION REQUEST message with an AUTHENTICATION RESPONSE message and continues to use the cipher key obtained from the previous authentication procedure.</p> <p>7 To verify that when the MS is in the "not ciphered" mode and receives the CIPHERING MODE COMMAND message with Ciphering Mode Setting information element set to "no ciphering", the does not start ciphering or deciphering, but does respond with a CIPHERING MODE COMPLETE message.</p> <p>8 To verify that when the MS receives a HANOVER COMMAND message and the handover fails, the MS sends a HANOVER FAILURE message on the old channel using the old ciphering mode and (if ciphered) the old algorithm and old key.</p> <p>9 To verify that when the MS receives an ASSIGNMENT COMMAND message and the assignment fails, the MS sends an ASSIGNMENT FAILURE message on the old channel using the old ciphering mode and (if ciphered) the old algorithm and old key.</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|---|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_ch1 := OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | | +ltree_body | | | |
| 8 | | ltree_body L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. | ChReq_01 | | |

| | | | | |
|----|---|----------------------|-----|-------------------------|
| 10 | msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | | | |
| 11 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | +ltree_ImmAss | | | |
| 13 | L?DL_EstInPgRes | PgRes_01 | | |
| 14 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | +localtree1 | | | |
| 16 | +localtree2 | | | |
| 17 | +localtree3 | | | |
| 18 | [(TSPC_Feat_A51 AND(NOT | | | |
| 19 | TSPC_Feat_A52)) OR((NOT | | | |
| 20 | TSPC_Feat_A51) AND | | | |
| | TSPC_Feat_A52)] | | | |
| | +PostMainLinkRel(TCV_ch) | | | |
| | [TSPC_Feat_A51 AND | | | |
| | TSPC_Feat_A52] | | | |
| | +localtree4 | | | |
| | localtree1 | | | |
| 21 | (TCV_Null := OM_CphMdChg(TCV_ch, | | | |
| 22 | CphMod_04(TSPX_CphAlgA), TCV_CphKey)) | | | |
| 23 | L!DL_DatRqCphmCmd | CphCmd_01(TCV_ch) | | |
| 24 | (DL_DatRqCphmCmd.msg.cphms.algid := | | | |
| 25 | TSPX_CphAlgA) | | | |
| 26 | START T_dly1(500) | | | |
| 27 | ?TIMEOUT T_dly1 | | (F) | |
| 28 | +PostMainLinkRel(TCV_ch) | | | |
| 29 | L?DL_DatInCphmCom CANCEL T_dly1 | CphCmp_01 | | |
| 30 | LIDL_DatRqAuthRq | AuthReq_02(TCV_ch) | | 2. |
| 31 | L?DL_DatInAuthRes | AuthRes_01 | | |
| 32 | +ltree_HndOv0 | | | |
| | +handoverAcc(TCV_ch1) | | | |
| | L?DL_EstIn | DLEstInd_01 | | |
| | L?DL_DatInHoCom | HndOvCmp_01(TCV_ch1) | (P) | |
| | localtree2 | | | |
| 33 | (TCV_ch := OC_SubchOfSdcch4(| | | |
| 34 | TSPX_SDCCH4SubC, C_CellA), TCV_Null := | | | |
| 35 | OM_CphMd(TCV_ch, CphMod_04(TSPX_CphAlgB), | | | |
| 36 | TCV_CphKey)) | | | |
| 37 | +ltree_Asgn1 | | | |
| 38 | +AssCh_complete(TCV_ch1,TCV_ch,TCV_AssC | | | 3. |
| 39 | md) | | | |
| 40 | LIDL_DatRqCphmCmd START T_dly1(500) | CphCmd_04(TCV_ch) | | 4. |
| 41 | ?TIMEOUT T_dly1 | | (F) | |
| 42 | +PostMainLinkRel(TCV_ch) | | | |
| 43 | L?DL_DatInCphmCom CANCEL T_dly1 | CphCmp_01 | | |
| 44 | (TCV_ch1 := OC_SubchOfSdcch4(| | | |
| 45 | TSPX_SDCCH4SubDef, C_CellA), | | | |
| 46 | TCV_CphKey := OC_CphKeyGen(| | | |
| 47 | TSPX_Ki, TSPX_RANDB), TCV_Null := | | | |
| 48 | OM_CphMd(TCV_ch1, CphMod_04(| | | |
| 49 | TSPX_CphAlgB), TCV_CphKey)) | | | |
| | +ltree_HndOv1 | | | 5. |
| | +handoverAcc(TCV_ch1) | | | |
| | L?DL_EstIn | DLEstInd_01 | | |
| | L?DL_DatInHoCom | HndOvCmp_01(TCV_ch1) | (P) | |
| | (TCV_ch := OC_SubchOfSdcch4(| | | |
| | TSPX_SDCCH4SubA, C_CellA), | | | |
| | TCV_Null := OM_CphMd(| | | |
| | TCV_ch, CphMod_04(| | | |
| | TSPX_CphAlgB), TCV_CphKey)) | | | |
| | +ltree_HndOv2 | | | 6. |
| | +handoverAcc(TCV_ch) | | | |
| | L?DL_EstIn | DLEstInd_01 | | |
| | L?DL_DatInHoCom | HndOvCmp_01(TCV_ch) | | |

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|----|--|---|-----|-----|
| 50 | localtree3 (TCV_ch1 := OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA), TCV_Null := OM_CphMd(TCV_ch1, CphMod_02, TCV_CphKey)) | | | |
| 51 | +ltree_Asgn2 | | | |
| 52 | +AssCh_complete(TCV_ch,TCV_ch1,TCV_AssC md) | | | |
| 53 | LIDL_DatRqCphmCmd START T_dly1(500) | CphCmd_05(TCV_ch 1) | | |
| 54 | ?TIMEOUT T_dly1 | | (F) | |
| 55 | +PostMainLinkRel(TCV_ch1) | | | |
| 56 | L?DL_DatInCphmCom CANCEL T_dly1 | CphCmp_01 | | |
| 57 | LIDL_DatRqAuthRq | AuthReq_03(TCV_ch 1) | | 8. |
| 58 | L?DL_DatInAuthRes | AuthRes_01 | | |
| 59 | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubC, C_CellA), TCV_Null := OM_CphMd(TCV_ch, CphMod_04(TSPX_CphAlgD), TCV_CphKey)) | | | |
| 60 | +ltree_HndOv3 | | | 9. |
| 61 | +handoverAcc(TCV_ch) | | | |
| 62 | L?DL_EstIn | DLEstInd_01 | | |
| 63 | L?DL_DatInHoCom | HndOvCmp_01(TCV_ ch) | (P) | |
| 64 | (TCV_ch1 := OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA)) | | | |
| 65 | +ltree_HndOv0 | | | 10. |
| 66 | L?DL_EstIn | DLEstInd_01 | | |
| 67 | L?DL_DatInHofI | HndOvFI_01(TCV_ch) | (P) | |
| 68 | +ltree_Asgn2 | | | |
| 69 | +AssCh_failure(TC V_ch,TCV_AssCmd ,TRUE) | | | |
| | localtree4 | | | |
| 70 | (TCV_Null := OM_CphMd(TCV_ch1, CphMod_04(TSPX_CphAlgE), TCV_CphKey)) | | | |
| 71 | +ltree_Asgn3 | | | |
| 72 | +AssCh_complete(TCV_ch,TCV_ch1,TCV_AssC md) | | | |
| 73 | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_Null := OM_CphMd(TCV_ch, CphMod_04(TSPX_CphAlgE), TCV_CphKey)) | | | |
| 74 | +ltree_HndOv4 | | | |
| 75 | +handoverAcc(TCV_ch) | | | |
| 76 | L?DL_EstIn | DLEstInd_01 | | |
| 77 | L?DL_DatInHoCom | HndOvCmp_01(TCV_ ch) | (P) | |
| 78 | +PostMainLinkRel(TCV_ch) | | | |
| | handoverAcc(ch:LOGICCH) | | | |
| 79 | L?DL_RaInHoacc | HndOvAcc_02(ch) | | |
| 80 | L?DL_RaInHoacc | HndOvAcc_02(ch) | | |
| 81 | L?DL_RaInHoacc | HndOvAcc_02(ch) | | |
| 82 | L?DL_RaInHoacc | HndOvAcc_02(ch) | | |
| | ltree_ImmAss | | | |
| 83 | LIDL_UdatRqImmAss | ImmAss_r10(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubA , TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | | |
| | ltree_Asgn1 | | | |

| | | |
|----|--|---|
| 84 | (TCV_AssCmd := AsgnCmd_sdcch4(TSPX_SDCCH4SubC, TCV_slot, TCV_tsc, CphMod_04iei(TSPX_CphAlgB), TCV_chdescr_arfcn)) | |
| | Itree_Asgn2 | |
| 85 | (TCV_AssCmd := AsgnCmd_sdcch4(TSPX_SDCCH4SubB, TCV_slot, TCV_tsc, CphMod_02iei, TCV_chdescr_arfcn)) | |
| | Itree_Asgn3 | |
| 86 | (TCV_AssCmd := AsgnCmd_sdcch4(TSPX_SDCCH4SubB, TCV_slot, TCV_tsc, CphMod_04iei(TSPX_CphAlgE), TCV_chdescr_arfcn)) | |
| | Itree_HndOv0 | |
| 87 | [TSPC_PGSM OR TSPC_EGSM] | |
| 88 | L!DL_DatRqHoCmd | HndOv_sdcch4(TCV_ch, TSPX_SDCCH4SubB, TCV_slot, TCV_tsc, CphMod_02iei, TCV_chdescr_arfcn) |
| | [TSPC_DCS] | |
| 89 | L!DL_DatRqHoCmd | HndOv_dsdccch4(TCV_ch, TSPX_SDCCH4SubB, TCV_slot, TCV_tsc, CphMod_02iei, TCV_chdescr_arfcn) |
| 90 | | |
| | Itree_HndOv1 | |
| 91 | [TSPC_PGSM OR TSPC_EGSM] | |
| 92 | L!DL_DatRqHoCmd | HndOv_sdcch4(TCV_ch, TSPX_SDCCH4SubD ef, TCV_slot, TCV_tsc, CphMod_04iei(TSPX_CphAlgC), TCV_chdescr_arfcn) |
| | [TSPC_DCS] | |
| 93 | L!DL_DatRqHoCmd | HndOv_dsdccch4(TCV_ch, TSPX_SDCCH4SubD ef, TCV_slot, TCV_tsc, CphMod_04iei(TSPX_CphAlgC), TCV_chdescr_arfcn) |
| 94 | | |
| | Itree_HndOv2 | |
| 95 | [TSPC_PGSM OR TSPC_EGSM] | |
| 96 | L!DL_DatRqHoCmd | HndOv_sdcch4(TCV_ch1, TSPX_SDCCH4SubA, TCV_slot, TCV_tsc, CphMod_04iei(TSPX_CphAlgC), TCV_chdescr_arfcn) |
| | [TSPC_DCS] | |
| 97 | L!DL_DatRqHoCmd | HndOv_dsdccch4(TCV_ch1, TSPX_SDCCH4SubA, TCV_slot, TCV_tsc, CphMod_04iei(TSPX_CphAlgC), TCV_chdescr_arfcn) |
| 98 | | |
| | Itree_HndOv3 | |
| 99 | [TSPC_PGSM OR TSPC_EGSM] | |

| | | |
|---|--|--|
| 100 | LIDL_DatRqHoCmd | HndOv_sdcch4(TCV_ch1, TSPX_SDCCH4SubC, TCV_slot, TCV_tsc, CphMod_04iei(TSPX_CphAlgD), TCV_chdescr_arfcn) |
| 101 | [TSPC_DCS] | |
| 102 | LIDL_DatRqHoCmd | HndOv_dsdccch4(TCV_ch1, TSPX_SDCCH4SubC, TCV_slot, TCV_tsc, CphMod_04iei(TSPX_CphAlgD), TCV_chdescr_arfcn) |
| | Itree_HndOv4 | |
| 103 | [TSPC_PGSM OR TSPC_EGSM] | |
| 104 | LIDL_DatRqHoCmd (DL_DatRqHoCmd.msg.cphms.algid := TSPX_CphAlgE) | HndOv_sdcch4(TCV_ch1, TSPX_SDCCH4SubA, TCV_slot, TCV_tsc, CphMod_04iei(TSPX_CphAlgE), TCV_chdescr_arfcn) |
| 105 | [TSPC_DCS] | |
| 106 | LIDL_DatRqHoCmd (DL_DatRqHoCmd.msg.cphms.algid := TSPX_CphAlgE) | HndOv_dsdccch4(TCV_ch1, TSPX_SDCCH4SubA, TCV_slot, TCV_tsc, CphMod_04iei(TSPX_CphAlgE), TCV_chdescr_arfcn) |
| Detailed Comments: | | |
| <ol style="list-style-type: none"> 1. 1 cell, default parameters. 2. New ciphering key sequence number and new ciphering key L. 3. New SDCCH4 subchannel different from the one in use, start ciphering. 4. Load new key L, no ciphering. 5. New SDCCH4 subchannel different from the one in use, start ciphering. 6. New SDCCH4 subchannel different from the one in use, start ciphering. 7. New SDCCH4 subchannel different from the one in use, no ciphering. 8. To generate new ciphering key M. 9. New SDCCH4 subchannel different from the one in use, start ciphering. 10. New SDCCH4 subchannel different from the one in use, no ciphering, new channel not activated. 11. New SDCCH4 subchannel different from the one in use, no ciphering, new channel not activated. | | |

| Test Case Dynamic Behaviour | | | | | |
|--|-------|---|--|-----|----------------------------|
| Test Case Name: TC_26_6_8_5 | | | | | |
| Group: GSM_L3_MS_v4170/RR/ | | | | | |
| Purpose: To verify that the MS supplies its IMEISV in the CIPHERING MODE COMPLETE message when it receives a CIPHERING MODE COMMAND message with a Cipher Response bit set to 'IMEISV shall be included'. To verify that the MS does not supply any Mobile Identity IE in the CIPHERING MODE COMPLETE message when it receives a CIPHERING MODE COMMAND message with a Cipher Response bit set to 'IMEISV shall not be included'. | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubB, C_CellA), TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubB, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 8 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. 2. |
| 10 | | +gsmOrDcs | | | |
| 11 | | L?DL_EstInPgRes | PgRes_01 | | |
| 12 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 13 | body | L!DL_DatRqCphmCmd | CphCmd_02(TCV_ch) | | |
| 14 | | L?DL_DatInCphmCom | CphCmp_02 | (P) | |
| 15 | | L!DL_DatRqCphmCmd | CphCmd_03(TCV_ch) | | |
| 16 | | L?DL_DatInCphmCom | CphCmp_03 | (P) | |
| 17 | | +PostMainLinkRel(TCV_ch) | | | |
| 18 | | gsmOrDcs L!DL_UdatRqImm | ImmAss_r10(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubB, TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | | |
| Detailed Comments: | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--------------------------------|-----|-------------------------|
| Test Case Name: | | TC_26_6_11_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that if the RF power capability or any other capability indicated in a Classmark IE of the MS is changed during a call, the change is communicated on the DCCH to the network. To verify that if the RF power capability or any other capability indicated in a Classmark IE of the MS is changed in idle mode, the out of date capabilities are not communicated to the network during RR connection establishment. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubC, C_CellA), TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubC, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | +AddPwrAmp | | | |
| 8 | | +AttmpCall | | | |
| 9 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 10 | | +subtree1 | | | |
| 11 | | +RemvPwrAmp | | | |
| 12 | | +subtree2 | | | |
| | | subtree1 | | | |
| 13 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 14 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 15 | | +gsmOrDcs | | | |
| 16 | | L?DL_EstInCmsRq | CmsrerReq_02 | (P) | 2. |
| 17 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 18 | | L!DL_DatRqCmsAcp | CmsrerAcp_01(TCV_ch) | | |
| 19 | | +SetupRcvMo(SetupInd_01) | | | |
| 20 | | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 21 | | L!DL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 22 | | +continue | | | |
| | | continue | | | |
| 23 | | [TSPX_MO_rate_AnyCall = C_Full] | | | 3. |
| 24 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 25 | | +localtree(C_Full) | | | |
| 26 | | [TSPX_MO_rate_AnyCall = C_Half] | | | 4. |
| 27 | | +HalfRateCh_A_1_nociph(TSPX_TCHHSubDef, C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 28 | | +localtree(C_Half) | | | |
| | | localtree(rate:IA5String) | | | |
| 29 | | (TCV_Null := OM_ChMdModi(TCV_chTch, TCV_ChMod)) | | | |
| 30 | | +AssCmdGenMO(rate) | | | |
| 31 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |

| | | | | |
|----|--|---|-----|-------------------------|
| 32 | LIDL_DatRqConn | Conn_01(TCV_TI, TCV_chTch) | | |
| 33 | L?DL_DatInConnAck | ConnAckRcv_01(TCV _TI0) | | |
| | subtree2 | | | |
| 34 | L?DL_UdatInCImChn | ClassChg_01 | (P) | 5. |
| 35 | +AddPwrAmp | | | |
| 36 | L?DL_UdatInCImChn | ClassChg_02 | (P) | 6. |
| 37 | +PostMainLinkRel(TCV_chTch) | | | |
| 38 | +localtree3 | | | |
| | localtree3 | | | |
| 39 | +RemvPwrAmp | | | |
| 40 | START T_dly(12000) | | | |
| 41 | ?TIMEOUT T_dly | | | |
| 42 | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 43 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 44 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 45 | +gsmOrDcs | | | |
| 46 | L?DL_EstInPgRes | PgRes_03 | (P) | 7. |
| 47 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 48 | +PostMainLinkRel(TCV_ch) | | | |
| | gsmOrDcs | | | |
| 49 | LIDL_UdatRqImmss | ImmAss_r10(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubC , TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | | |

Detailed Comments:

1. To setup a physical channel as BCCH, CCCH and SDCCH4.
2. The power capability is the one with RF amplification.
3. To setup a physical channel as full rate traffic channel for full rate bearer capability.
4. To setup a physical channel as half rate traffic channel for half rate bearer capability.
5. The power capability is the original one without RF amplification.
6. The power capability is the one with RF amplification.
7. The power capability is the original one without RF amplification.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|-------------------------|
| Test Case Name: | | TC_26_6_11_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that if the network requests the MS to supply all its classmark information then this information is communicated on the DCCH to the network. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 7 | | +SysInfoSending_r1(5, 1, 1, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 8 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 9 | body | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | +gsmOrDcs | | | |
| 13 | | L?DL_EstInLupRq | LocUp_06(TCV_ch) | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | LIDL_DatRqCImEnq START T_dly1(300) | ClassMkEnq_01(TCV_ch) | | |
| 16 | | L?DL_DatInCimChn CANCEL T_dly1 | ClassChg_03 | (P) | 2. |
| 17 | | LIDL_DatRqLupAcp | LocAcp_02(TCV_ch) | | |
| 18 | | +PostMainLinkRel(TCV_ch) | | | |
| 19 | | ?TIMEOUT T_dly1 | | (F) | 3. |
| 20 | | +PostMainLinkRel(TCV_ch) | | | |
| 21 | | gsmOrDcs LIDL_UdatRqImmass | ImmAss_r10(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH4SubA, TCV_slot, TCV_tsc, TimingAdv_r01, TCV_chdescr_arfcn) | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To change the IMSI attach/detach flag to 1. 2. The expected CLASSMARK CHANGE message received before 300 ms after the CLASSMARK ENQUIRY, pass. 3. The expected message not received with 300 ms, fail. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|-------------------------|
| Test Case Name: | | TC_26_6_12_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS is able to correctly release an SDCCH after having received a CHANNEL RELEASE message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_Cella, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubB, C_Immass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | +subtree1 | | | |
| 8 | | +subtree2 | | | |
| | | subtree1 | | | |
| 9 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 10 | | L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq, msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq_01 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | +gsmOrDcs | | | |
| 13 | | L?DL_EstInPgRes | PgRes_01 | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 16 | | L?DL_Relln | DLRelInd_01 | | |
| 17 | | START T_dly(3000) | | | |
| 18 | | L?OTHERWISE | | (F) | |
| 19 | | ?TIMEOUT T_dly | | (P) | |
| | | subtree2 | | | |
| 20 | | START T_dly(12000) | | | |
| 21 | | ?TIMEOUT T_dly | | | |
| 22 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 23 | | L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq, msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq_01 | | |
| 24 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 25 | | +gsmOrDcs | | | |
| 26 | | L?DL_EstInPgRes | PgRes_01 | (P) | |
| 27 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 28 | | +PostMainLinkRel(TCV_ch) | | | |
| | | gsmOrDcs | | | |
| 29 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 30 | | L!DL_UdatRqImmass | ImmAss_r02(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubB, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_r01) | | |
| 31 | | [TSPC_DCS] | | | |
| 32 | | L!DL_UdatRqImmass | ImmAss_r02d(TCV_agch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubB) | | |

| | | | | | |
|---------------------------|--|-------------------------|---|--|--|
| | | | , TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_r01) | | |
| Detailed Comments: | | 1. No any L 2 messages. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|-------------------|
| Test Case Name: | | TC_26_6_12_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS is able to correctly release a SDCCH after having received a CHANNEL RELEASE message, even if the SS does not L2 acknowledge the L2 DISC frame. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubG, C_Immass, TSPX_TmSltDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | +subtree1 | | | |
| 8 | | +subtree2 | | | |
| | | subtree1 | | | |
| 9 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 11 | | +gsmOrDcs | | | |
| 12 | | L?DL_EstInPgRes | PgRes_01 | | |
| 13 | | (TCV_Res := OM_NoUAforDISC(TCV_ch)) | | | |
| 14 | | L!DL_DatRqChRel | ChRel_01(TCV_ch) | | |
| 15 | | L?DL_RelIn | DLRelInd_01 | | |
| 16 | | L?DL_RelIn | DLRelInd_01 | | |
| 17 | | START T_dly(2000) | | | |
| 18 | | ?TIMEOUT T_dly | | | |
| 19 | | (TCV_Res := OM_ResumUAforDISC(TCV_ch)) | | | |
| 20 | | START T_dly(3000) | | | |
| 21 | | L?OTHERWISE | | (F) | |
| 22 | | ?TIMEOUT T_dly | | (P) | |
| 23 | | L!MDL_RelRq | MDLRelReq_01(TCV_ch) | | Local end release |
| | | subtree2 | | | |
| 24 | | START T_dly(12000) | | | |
| 25 | | ?TIMEOUT T_dly | | | |
| 26 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 27 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 28 | | +gsmOrDcs | | | |
| 29 | | L?DL_EstInPgRes | PgRes_01 | (P) | |
| 30 | | +PostMainLinkRel(TCV_ch) | | | |
| | | gsmOrDcs | | | |
| 31 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 32 | | L!DL_UdatRqImmass | ImmAss_r02(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubG, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_r01) | | |
| 33 | | [TSPC_DCS] | | | |

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|---------------------------|----------------|---|--|
| 34 | LIDL_UdatRqImm | ImmAss_r02d(TCV_a gch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubG , TSPX_TmSltDef, TSPX_TscDef, TimingAdv_r01) | |
| Detailed Comments: | | 1. Use TSPX_SDCCH8SubG. | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|-------------------------|
| Test Case Name: | | TC_26_6_12_3 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS is able to correctly release a full-rate TCH after having received a CHANNEL RELEASE message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +gsmOrDcs | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSttDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0 A, TSPX_IMSI) | | | |
| 8 | body | +subtree1 | | | |
| 9 | | +subtree2 | | | |
| | | subtree1 | | | |
| 10 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 11 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 12 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 13 | | L!DL_UdatRqImmass | ImmAss_r13(TCV_ag ch, TCV_Rr, TCV_Fn, TCV_chd1, TimingAdv_r01) | | |
| 14 | | L?DL_EstInPgRes | PgRes_01 | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | L!DL_DatRqChRel | ChRel_01(TCV_chTch) | | |
| 17 | | L?DL_RelIn | DLRelInd_01 | | |
| 18 | | START T_dly(3000) | | | |
| 19 | | L?OTHERWISE | | (F) | |
| 20 | | ?TIMEOUT T_dly | | (P) | |
| | | subtree2 | | | |
| 21 | | START T_dly(12000) | | | |
| 22 | | ?TIMEOUT T_dly | | | |
| 23 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 24 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 25 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 26 | | L!DL_UdatRqImmass | ImmAss_r13(TCV_ag ch, TCV_Rr, TCV_Fn, TCV_chd1, TimingAdv_r01) | | |
| 27 | | L?DL_EstInPgRes | PgRes_01 | (P) | |
| 28 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 29 | | +PostMainLinkRel(TCV_chTch) | | | |
| | | gsmOrDcs | | | |
| 30 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 31 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, | | | |

| | | | | |
|---------------------------|---|--|--|--|
| 32 | C_CellA), TCV_chd1 := ChDescrp_r02(TSPX_TmSltDef, TSPX_TscDef) | | | |
| 33 | [TSPC_DCS] (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_chd1 := ChDescrp_r02d(TSPX_TmSltDef, TSPX_TscDef)) | | | |
| Detailed Comments: | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|-------------------|
| Test Case Name: | | TC_26_6_12_4 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS is able to correctly release a TCH/F after having received a CHANNEL RELEASE message, even if the SS does not L2 acknowledge the L2 DISC frame. | | | |
| Default: | | OtherEventsFail_01 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +gsmOrDcs | | | |
| 5 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlitC, TSPX_TscC, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 8 | body | +subtree1 | | | |
| 9 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubDef, C_Immass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 10 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 11 | | +subtree2 | | | |
| 12 | | subtree1 L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 13 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 14 | | L!DL_UdatRqImmass | ImmAss_r13(TCV_agch, TCV_Rr, TCV_Fn, TCV_chd1, TimingAdv_r01) | | |
| 15 | | L?DL_EstInPgRes | PgRes_01 | | |
| 16 | | (TCV_Res := OM_NoUAforDISC(TCV_chTch)) | | | |
| 17 | | L!DL_DatRqChRel | ChRel_01(TCV_chTch) | | |
| 18 | | L?DL_Relln | DLRelInd_01 | | |
| 19 | | L?DL_Relln | DLRelInd_01 | | |
| 20 | | START T_dly(2000) | | | |
| 21 | | ?TIMEOUT T_dly | | | |
| 22 | | (TCV_Res := OM_ResumUAforDISC(TCV_chTch)) | | | |
| 23 | | START T_dly(3000) | | | |
| 24 | | L?OTHERWISE | | (F) | |
| 25 | | ?TIMEOUT T_dly | | (P) | |
| 26 | | L!MDL_RelRq | MDLRelReq_01(TCV_ch) | | local end release |
| 27 | | subtree2 START T_dly(12000) | | | |
| 28 | | ?TIMEOUT T_dly | | | |
| 29 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 30 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, | ChReq_01 | | |

| | | | |
|---------------------------|---|---|-----|
| 31 | msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | | |
| 32 | +gsmOrDcs1 | | |
| 33 | L?DL_EstInPgRes | PgRes_01 | (P) |
| | +PostMainLinkRel(TCV_ch) | | |
| | gsmOrDcs | | |
| 34 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 35 | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_chd1 := ChDescrp_r02(TSPX_TmSltC, TSPX_TscC)) | | |
| 36 | [TSPC_DCS] | | |
| 37 | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_chd1 := ChDescrp_r02d(TSPX_TmSltC, TSPX_TscC)) | | |
| | gsmOrDcs1 | | |
| 38 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 39 | L!DL_UdatRqImm | ImmAss_r02(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubD ef, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_r01) | |
| 40 | [TSPC_DCS] | | |
| 41 | L!DL_UdatRqImm | ImmAss_r02d(TCV_a gch, TCV_Rr, TCV_Fn, TSPX_SDCCH8SubD ef, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_r01) | |
| Detailed Comments: | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|-------------------------|
| Test Case Name: | | TC_26_6_13_1 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS, after receiving an ASSIGNMENT COMMAND message with a starting time and channel descriptions both for before and after the starting time, and ready to access before the indicated time, performs correctly the assignment using the description for before the time, and eventually starts using the frequency parameters for after the time at the time indicated in the message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_r01, '000'B, '000'B, '011'B, '00'O) | | | 1. |
| 5 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubA, C_Immass, TSPX_TmSltA, TSPX_TscA, ChMod_sign, FreqSDCCH8_rg1, FreqSDCCH8_rd1, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 2. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | | +channelForAss | | | 3. |
| 8 | body | +ltree_body | | | |
| | | ltree_body | | | |
| 9 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L!DL_UdatRqImmass | ImmAss_r27(TCV_ag ch, TCV_Rr, TCV_Fn, TSPX_TmSltA, TSPX_TscA, TimingAdv_r01) | | 4. |
| 13 | | L?DL_EstInPgRes | PgRes_01 | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Null := OM_SendNextOn(TCV_ch, TCV_Fn)) | | | 5. |
| 16 | | (TCV_AssCmd := AsgnCmd_r14(TSPX_TmSltB, TSPX_TscB, OC_StartTime(TCV_Fn, TSPX_Tm1, 1))) | | | |
| 17 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 18 | | +gsmOrDcs | | | 6. |
| | | gsmOrDcs | | | |
| 19 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 20 | | (TCV_Res := OM_FHCHK(TCV_sacchTch1)) | | | |
| 21 | | [TCV_Res = TRUE] | | (P) | |
| 22 | | +PostMainLinkRel(TCV_chTch1) | | | |
| 23 | | [TCV_Res = FALSE] | | (F) | |
| 24 | | +PostMainLinkRel(TCV_chTch1) | | | |
| 25 | | [TSPC_DCS] | | | |
| 26 | | (TCV_Res := OM_FHCHK(TCV_sacchTch1)) | | | |
| 27 | | [TCV_Res = TRUE] | | (P) | |
| 28 | | +PostMainLinkRel(TCV_chTch1) | | | |
| 29 | | [TCV_Res = FALSE] | | (F) | |
| 30 | | +PostMainLinkRel(TCV_chTch1) | | | |
| | | channelForAss | | | |

| | | | |
|----|---|--|-----|
| 31 | (TCV_n := BIT_TO_INT(TSPX_Chtp1)) | | |
| 32 | [TCV_n = 1] | | |
| 33 | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltB, TSPX_TscB, ChMod_sign, Freq_rg2, Freq_rd2, TimingAdv_r01, '000'B, '000'B, '011'B) | | 7. |
| 34 | +FullRateCh_A_2_nociph(C_Ass, TSPX_TmSltB, TSPX_TscB, ChMod_r01, Freq_rg3, Freq_rd3, TimingAdv_r01, '000'B, '000'B, '011'B) | | 8. |
| 35 | [(TCV_n = 2) OR (TCV_n = 3)] | | |
| 36 | +HalfRateCh_A_1_3_nociph(TSPX_Chtp1, C_Ass, TSPX_TmSltB, TSPX_TscB, ChMod_sign, Freq_rg2, Freq_rd2, TimingAdv_r01, '000'B, '000'B, '011'B) | | 9. |
| 37 | +HalfRateCh_A_2_nociph(TSPX_Chtp1, C_Ass, TSPX_TmSltB, TSPX_TscB, ChMod_r01, Freq_rg3, Freq_rd3, TimingAdv_r01, '000'B, '000'B, '011'B) | | 10. |
| 38 | [(TCV_n >= 8) AND (TCV_n <= 15)] | | |
| 39 | +SDCCH8_A_2_nociph(TSPX_Chtp1, C_Ass, TSPX_TmSltB, TSPX_TscB, ChMod_r01, Freq_rg2, Freq_rd2, TimingAdv_r01, '000'B, '000'B, '011'B) | | 11. |
| 40 | +SDCCH8_A_3_nociph(TSPX_Chtp1, C_Ass, TSPX_TmSltB, TSPX_TscB, ChMod_r01, Freq_rg3, Freq_rd3, TimingAdv_r01, '000'B, '000'B, '011'B) | | 12. |

Detailed Comments:

1. To setup a physical channel as BCCH, CCCH.
2. To set a physical channel as hopping SDCCH8 channel, hopping parameters defined by PIXIT.
3. To setup the before time and after time channels for ASSIGNMENT COMMAND.
4. To assign the hopping SDCCH8 channel.
5. To calculate the STARTING TIME.
6. To check whether the after time frequency hopping is correct at the RF burst level.
7. If the selected channel type is TCH/F, setup a physical channel as full rate channel for before time.
8. If the selected channel type is TCH/F, setup a physical channel as full rate channel for after time.
9. If the selected channel type is TCH/H, setup a physical channel as half rate channel for before time.
10. If the selected channel type is TCH/H, setup a physical channel as half rate channel for after time.
11. If the selected channel type is SDCCH8, setup a physical channel as SDCCH8 channel for before time.
12. If the selected channel type is SDCCH8, setup a physical channel as SDCCH8 channel for after time.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|-------------------------|
| Test Case Name: | | TC_26_6_13_2 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS, after receiving an ASSIGNMENT COMMAND message with a starting time and channel descriptions both for before and after the starting time, performs correctly the assignment using the description for after the time if the indicated time has already elapsed when the Mobile Station is ready to transmit. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_r01, '000'B, '000'B, '011'B, '00'O) | | | 1. |
| 5 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubC, C_Immass, TSPX_TmSltB, TSPX_TscB, ChMod_sign, FreqSDCCH8_rg2, FreqSDCCH8_rd2, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 2. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | | +channelForAss | | | 3. |
| 8 | body | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | LIDL_UdatRqImmass | ImmAss_r28(TCV_Rr, TCV_Fn, TCV_agch, TSPX_TmSltB, TSPX_TscB, TimingAdv_r01) | | 4. |
| 12 | | L?DL_EstInPgRes | PgRes_01 | | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Null := OM_SendNextOn(TCV_ch, TCV_Fn)) | | | 5. |
| 15 | | (TCV_AssCmd := AsgnCmd_r15(TSPX_TmSltC, TSPX_TscC, TSPX_TmSltB, TSPX_TscB, OC_StartTime(TCV_Fn, 5, 1))) | | | |
| 16 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 17 | | +gsmOrDcs | | | 6. |
| 18 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | |
| 19 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 20 | | [TCV_Res = TRUE] | | (P) | |
| 21 | | +PostMainLinkRel(TCV_chTch) | | | |
| 22 | | [TCV_Res = FALSE] | | (F) | |
| 23 | | +PostMainLinkRel(TCV_chTch) | | | |
| 24 | | [TSPC_DCS] | | | |
| 25 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 26 | | [TCV_Res = TRUE] | | (P) | |
| 27 | | +PostMainLinkRel(TCV_chTch) | | | |
| 28 | | [TCV_Res = FALSE] | | (F) | |
| 29 | | +PostMainLinkRel(TCV_chTch) | | | |

| | | | | |
|--|---|--|--------------------------------|--|
| 30 31 32 33 34 35 36 | channelForAss (TCV_n := BIT_TO_INT(TSPX_Chtp2)) [TCV_n = 1] +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_sign, Freq_rg4, Freq_rd4, TimingAdv_r01, '000'B, '000'B, '011'B) [(TCV_n = 2) OR (TCV_n = 3)] +HalfRateCh_A_1_3_nociph(TSPX_Chtp2, C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_sign, Freq_rg4, Freq_rd4, TimingAdv_r01, '000'B, '000'B, '011'B) [(TCV_n >= 8) AND (TCV_n <= 15)] +SDCCH8_A_2_nociph(TSPX_Chtp2, C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_r02, Freq_rg4, Freq_rd4, TimingAdv_r01, '000'B, '000'B, '011'B) | | 7. 8. 9. | |
| Detailed Comments: | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH. 2. To set a physical channel as hopping SDCCH8 channel, hopping parameters defined by PIXIT. 3. To setup the after time channels for ASSIGNMENT COMMAND. 4. To assign the hopping SDCCH8 channel. 5. To calculate the STARTING TIME. 6. To check whether the after time frequency hopping is correct at the RF burst level. 7. If the selected channel type is TCH/F, setup a physical channel as full rate channel for after time. 8. If the selected channel type is TCH/H, setup a physical channel as half rate channel for after time. 9. If the selected channel type is SDCCH8, setup a physical channel as SDCCH8 channel for after time. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|-------------------------|
| Test Case Name: | | TC_26_6_13_3 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS, after receiving a FREQUENCY REDEFINITION message and then an ASSIGNMENT COMMAND message with a starting time and channel descriptions both for before and after the starting time, failing the assignment and returning on the old channel, and ready to access before the time indicated in the FREQUENCY REDEFINITION, resumes transmission on the channels used at the time of the reception of the FREQUENCY REDEFINITION message and eventually starts using the frequency parameters at the time indicated in the FREQUENCY REDEFINITION message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_Cella, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_r01, '000'B, '000'B, '011'B, '00'O) | | 1. | |
| 5 | | +channelsetup | | 2. | |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 8 | | L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq.msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq_01 | | |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 10 | | L!DL_UdatRqImm | ImmAss_r29(TCV_Rr, TCV_Fn, TCV_agch, TSPX_TmSltD, TSPX_TscD, TimingAdv_r01) | | |
| 11 | | +localtree | | | |
| 12 | | localtree L?DL_EstInPgRes | PgRes_01 | | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Strt := OC_StartTime(TCV_Fn, 5000, 0)) | | 3. | |
| 15 | | +gsmOrDcs | | | |
| 16 | | L!DL_DatRqFrqre (DL_DatRqFrqre.msg.strt := TCV_Strt) | FrqRedf_02(TCV_ch, TSPX_TmSltD, TSPX_TscD) | 4. | |
| 17 | | (TCV_Null := OM_SendNextOn(TCV_ch, TCV_Fn)) | | | |
| 18 | | (TCV_AssCmd := AsgnCmd_r16(TSPX_TmSltE, TSPX_TscE, OC_StartTime(TCV_Fn, 4000, 1))) | | | |
| 19 | | +AssCh_failure(TCV_ch,TCV_AssCmd, TRUE) | | | |
| 20 | | +gsmOrDcs1 | | 6. | |
| 21 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | |
| 22 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_r11, TCV_ch, ChDescrp_r34(TSPX_TmSltD, TSPX_TscD), CellChDes_02)) | | | |
| 23 | | [TSPC_DCS] | | | |
| 24 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_r11, TCV_ch, ChDescrp_r34(TSPX_TmSltD, TSPX_TscD), CellChDes_03)) | | | |
| 25 | | gsmOrDcs1 [TSPC_PGSM OR TSPC_EGSM] | | | |
| 26 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 27 | | [TCV_Res = TRUE] | | (P) | |

| | | | | |
|---------------------------|--|---|-----|----|
| 28 | +PostMainLinkRel(TCV_ch) | | | |
| 29 | [TCV_Res = FALSE] | | (F) | |
| 30 | +PostMainLinkRel(TCV_ch) | | | |
| 31 | [TSPC_DCS] | | | |
| 32 | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 33 | [TCV_Res = TRUE] | | (P) | |
| 34 | +PostMainLinkRel(TCV_ch) | | | |
| 35 | [TCV_Res = FALSE] | | (F) | |
| 36 | +PostMainLinkRel(TCV_ch) | | | |
| | channelsetup | | | |
| 37 | (TCV_n := BIT_TO_INT(TSPX_Chtp3)) | | | |
| 38 | [TCV_n = 1] | | | |
| 39 | +FullRateCh_A_1_nociph(C_Immass, TSPX_TmSltd, TSPX_TscD, ChMod_sign, Freq_rg5, Freq_rd5, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 7. |
| 40 | [(TCV_n = 2) OR (TCV_n = 3)] | | | |
| 41 | +HalfRateCh_A_1_3_nociph(TSPX_Chtp3, C_Immass, TSPX_TmSltd, TSPX_TscD, ChMod_sign, Freq_rg5, Freq_rd5, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 8. |
| 42 | [(TCV_n >= 8) AND (TCV_n <= 15)] | | | |
| 43 | +SDCCH8_A_1_2_nociph(TSPX_Chtp3, C_Immass, TSPX_TmSltd, TSPX_TscD, ChMod_sign, Freq_rg5, Freq_rd5, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 9. |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH. 2. To set two physical channels, one as hopping channel for immediate assignment another one as hopping channel for after time channel, parameters defined by PIXIT. 3. To calculate the starting time for frequency redefinition. 4. To send FREQUENCY REDEFINITION message. 5. To calculate the starting time and send the ASSIGNMENT COMMAND on special frame TCV_Fn. The assigned channel not activated in the tester. 6. To check whether the after time frequency hopping is correct at the RF burst level. 7. If the selected channel type is TCH/F, setup a physical channel as full rate channel for immediate assignment. 8. If the selected channel type is TCH/H, setup a physical channel as half rate channel for immediate assignment. 9. If the selected channel type is SDCCH8, setup a physical channel as SDCCH8 channel for immediate assignment. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|-------------------------|
| Test Case Name: | | TC_26_6_13_4 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS, after receiving a FREQUENCY REDEFINITION message and then an ASSIGNMENT COMMAND message with a starting time and channel descriptions both for before and after the starting time, failing the assignment and returning on the old channel, and ready to access after the time indicated in the FREQUENCY REDEFINITION, resumes transmission using the frequency parameters indicated in the FREQUENCY REDEFINITION message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_Cella, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_r01, '000'B, '000'B, '011'B, '00'O) | | | 1. |
| 5 | | +channelsetup | | | 2. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 8 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 10 | | L!DL_UdatRqImm | ImmAss_r30(TCV_Rr, TCV_Fn, TCV_agch, TSPX_TmSlfF, TSPX_TscF, TimingAdv_r01) | | |
| 11 | | L?DL_EstInPgRes | PgRes_01 | | |
| 12 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 13 | | +localtree | | | |
| 14 | | localtree (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Strt := OC_StartTime(TCV_Fn, 10, 0)) | | | |
| 15 | | +gsmOrDcs | | | 3. |
| 16 | | L!DL_DatRqFrqre (DL_DatRqFrqre.msg.strt := TCV_Strt) | FrqRedf_03(TCV_ch, TSPX_TmSlfF, TSPX_TscF) | | 4. |
| 17 | | (TCV_Null := OM_SendNextOn(TCV_ch, TCV_Fn)) | | | |
| 18 | | (TCV_AssCmd := AsgnCmd_r17(TSPX_TmSlfF, TSPX_TscF, OC_StartTime(TCV_Fn, 5000, 1))) | | | |
| 19 | | +AssCh_failure(TCV_ch,TCV_AssCmd,TRUE) | | | 5. |
| 20 | | +PostMainLinkRel(TCV_ch) | | | |
| 21 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | |
| 22 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAlc_r15, TCV_ch, ChDescrp_r38(TSPX_TmSlfF, TSPX_TscF), CellChDes_02)) | | | |
| 23 | | [TSPC_DCS] | | | |
| 24 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAlc_r15, TCV_ch, ChDescrp_r38(TSPX_TmSlfF, TSPX_TscF), CellChDes_03)) | | | |
| 25 | | channelsetup (TCV_n := BIT_TO_INT(TSPX_Chtp5)) | | | |
| 26 | | [TCV_n = 1] | | | |
| 27 | | +FullRateCh_A_1_nociph(C_Immass, TSPX_TmSlfF, TSPX_TscF, ChMod_sign, Freq_rg7, Freq_rd7, TimingAdv_r01, '000'B, | | | 7. |

| | | | |
|---|---|--|------------------|
| 28 29 30 31 | '000'B, '011'B) [(TCV_n = 2) OR (TCV_n = 3)] +HalfRateCh_A_1_3_nociph(TSPX_Chtp3, C_Immass, TSPX_TmSlfF, TSPX_TscF, ChMod_sign, Freq_rg7, Freq_rd7, TimingAdv_r01, '000'B, '000'B, '011'B) [(TCV_n >= 8) AND (TCV_n <= 15)] +SDCCH8_A_1_2_nociph(TSPX_Chtp3, C_Immass, TSPX_TmSlfF, TSPX_TscF, ChMod_sign, Freq_rg7, Freq_rd7, TimingAdv_r01, '000'B, '000'B, '011'B) | | 8. 9. |
| <p>Detailed Comments:</p> <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH. 2. To set two physical channels, one as hopping channel for immediate assignment another one as hopping channel for after time channel, parameters defined by PIXIT. 3. To calculate the starting time for frequency redefinition. 4. To send FREQUENCY REDEFINITION message. 5. To calculate the starting time and send the ASSIGNMENT COMMAND on special frame TCV_Fn. The assigned channel not activated in the tester. 6. The expected ASSIGNMENT FAILURE message received on the channel defined by frequency redefinition. 7. If the selected channel type is TCH/F, setup a physical channel as full rate channel for immediate assignment. 8. If the selected channel type is TCH/H, setup a physical channel as half rate channel for immediate assignment. 9. If the selected channel type is SDCCH8, setup a physical channel as SDCCH8 channel for immediate assignment. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|-------------------------|
| Test Case Name: | | TC_26_6_13_5 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS, after receiving a HANDOVER COMMAND message with a starting time and channel descriptions both for before and after the starting time, and ready to access before the time performs correctly the handover using the description for before the time, and then starts using the frequency parameters for after the time at the time indicated in the message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_r01, '000'B, '000'B, '011'B, '00'O) | | | 1. |
| 5 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB)) | | | |
| 6 | | +StartCellB_5(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_r01, 0, '000'B, '000'B, '011'B, '00'O) | | | 2. |
| 7 | | +channelsetup | | | 3. |
| 8 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 9 | body | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 10 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | LIDL_UdatRqImmass | ImmAss_r31(TCV_Rr, TCV_Fn, TCV_agch, TSPX_TmSltG, TSPX_TscG, TimingAdv_r01) | | |
| 13 | | +localtree | | | |
| | | localtree | | | |
| 14 | | L?DL_EstInPgRes | PgRes_01 | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Strt := OC_StartTime(TCV_Fn, TSPX_Tm2, 1), TCV_Null := OM_SendNextOn(TCV_ch, TCV_Fn)) | | | 4. |
| 17 | | +gsmOrDcs | | | |
| 18 | | L?DL_RacInHoacc | HndOvAcc_02(TCV_chTch1) | | |
| 19 | | LIDL_DatRqPhyinfo | PhylInfo_02(TCV_chTch1, TimingAdv_r01) | | |
| 20 | | L?DL_EstIn | DLEstInd_01 | | |
| 21 | | L?DL_DatInHoCom | HndOvCmp_01(TCV_chTch1) | | |
| 22 | | +gsmOrDcs1 | | | |
| | | gsmOrDcs1 | | | |
| 23 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 24 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 25 | | [TCV_Res = TRUE] | | (P) | |
| 26 | | +PostMainLinkRel(TCV_chTch) | | | |
| 27 | | [TCV_Res = FALSE] | | (F) | |
| 28 | | +PostMainLinkRel(TCV_chTch) | | | |
| 29 | | [TSPC_DCS] | | | |
| 30 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 31 | | [TCV_Res = TRUE] | | (P) | |
| 32 | | +PostMainLinkRel(TCV_chTch) | | | |
| 33 | | [TCV_Res = FALSE] | | (F) | |

| | | | | |
|---------------------------|---|--|--|-----|
| 34 | +PostMainLinkRel(TCV_chTch) | | | |
| | gsmOrDcs | | | |
| 35 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 36 | (TCV_Null := OM_StartMsrReport(TCV_sacchTch1)) | | | |
| 37 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_02 | | |
| 38 | (TCV_Null := OM_StopMsrReport(TCV_sacchTch1)) | | | |
| 39 | L!DL_DatRqHoCmd (DL_DatRqHoCmd.msg.strt := TCV_Strt) | HndOv_32(TCV_ch, TSPX_TmSlitDef, TSPX_TscDef) | | |
| 40 | [TSPC_DCS] | | | |
| 41 | L!DL_DatRqHoCmd (DL_DatRqHoCmd.msg.strt := TCV_Strt) | HndOv_33(TCV_ch, TSPX_TmSlitDef, TSPX_TscDef) | | |
| | channelsetup | | | |
| 42 | (TCV_n := BIT_TO_INT(TSPX_Chtp7)) | | | |
| 43 | +SDCCH8_A_1_2_nociph(TSPX_SDCCH8SubB, C_Immass, TSPX_TmSlitG, TSPX_TscG, ChMod_sign, Freq_rg9, Freq_rd9, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 44 | [TCV_n = 1] | | | |
| 45 | +FullRateCh_B_1_nociph(C_Asynho, TSPX_TmSlitDef, TSPX_TscDef, ChMod_r03, Freq_rg10, Freq_rd10, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 5. |
| 46 | +FullRateCh_B_2_nociph(C_Asynho, TSPX_TmSlitDef, TSPX_TscDef, ChMod_r03, Freq_rg11, Freq_rd11, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 6. |
| 47 | [(TCV_n = 2) OR (TCV_n = 3)] | | | |
| 48 | +HalfRateCh_B_1_nociph(TSPX_Chtp7, C_Asynho, TSPX_TmSlitDef, TSPX_TscDef, ChMod_r03, Freq_rg10, Freq_rd10, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 7. |
| 49 | +HalfRateCh_B_2_nociph(TSPX_Chtp7, C_Asynho, TSPX_TmSlitDef, TSPX_TscDef, ChMod_r03, Freq_rg11, Freq_rd11, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 8. |
| 50 | [(TCV_n >= 8) AND (TCV_n <= 15)] | | | |
| 51 | +SDCCH8_B_1_nociph(TSPX_Chtp7, C_Asynho, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, Freq_rg10, Freq_rd10, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 9. |
| 52 | +SDCCH8_B_2_nociph(TSPX_Chtp7, C_Asynho, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, Freq_rg11, Freq_rd11, TimingAdv_r01, '000'B, '000'B, '011'B) | | | 10. |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH for cell A. 2. To setup a physical channel as BCCH, CCCH for cell B. 3. To setup a physical channel as SDCCH8 in cell A and setup 2 physical channels as hopping channels in cell B. 4. To get the future frame number for sending HANDOVER COMMAND and calculate starting time. 5. If the required channel is full rate channel, setup the after time full rate hopping channel. 6. If the required channel is full rate channel, setup the before time full rate hopping channel. 7. If the required channel is half rate channel, setup the after time half rate hopping channel. 8. If the required channel is half rate channel, setup the before time half rate hopping channel. 9. If the required channel is SDCCH8 channel, setup the after time SDCCH8 hopping channel. 10. If the required channel is SDCCH8 channel, setup the before time SDCCH8 hopping channel. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|----|-------------------------|
| Test Case Name: | | TC_26_6_13_6 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS, after receiving a HANDOVER COMMAND message with a starting time and channel descriptions both for before and after the starting time, and ready to transmit after the indicated time, performs correctly the handover using the description for after the time. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_r01, '000'B, '000'B, '011'B, '00'O) | | 1. | |
| 5 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +StartCellB_5(C_Immass, TSPX_TmSltB, TSPX_TscB, TimingAdv_r01, 0, '000'B, '000'B, '011'B, '00'O) | | 2. | |
| 7 | | +channelsetup | | 3. | |
| 8 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 9 | body | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 10 | | L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq.msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq_01 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L!DL_UdatRqImmass | ImmAss_r32(TCV_Rr, TCV_Fn, TCV_agch, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_r01) | | |
| 13 | | +localtree | | | |
| 14 | | localtree L?DL_EstlnPgRes | PgRes_01 | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Strt := OC_StartTime(TCV_Fn, 5, 1), TCV_Null := OM_SendNextOn(TCV_ch, TCV_Fn)) | | | 4. |
| 17 | | +gsmOrDcs | | | |
| 18 | | L?DL_RaclnHoacc | HndOvAcc_02(TCV_chTch) | | |
| 19 | | L!DL_DatRqPhyinfo | PhylInfo_02(TCV_chTch, TimingAdv_r01) | | |
| 20 | | L?DL_Estln | DLEstln_01 | | |
| 21 | | L?DL_DatlnHoCom | HndOvCmp_01(TCV_chTch) | | |
| 22 | | +PostMainLinkRel(TCV_chTch) | | | |
| 23 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | |
| 24 | | L!DL_DatRqHoCmd (DL_DatRqHoCmd.msg.strt := TCV_Strt) | HndOv_34(TCV_ch, TSPX_TmSltB, TSPX_TscB) | | |
| 25 | | [TSPC_DCS] | | | |
| 26 | | L!DL_DatRqHoCmd (DL_DatRqHoCmd.msg.strt := TCV_Strt) | HndOv_35(TCV_ch, TSPX_TmSltB, TSPX_TscB) | | |
| 27 | | channelsetup (TCV_n := BIT_TO_INT(TSPX_Chtp8)) | | | |
| 28 | | +SDCCH8_A_1_2_nociph(TSPX_SDCCH8SubC, C_Immass, TSPX_TmSltDef, TSPX_TscDef, ChMod_sign, Freq_rg12, Freq_rd12, | | | |

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| 29 | TimingAdv_r01, '000'B, '001'B, '011'B) | | |
| 30 | [TCV_n = 1] +FullRateCh_B_1_nociph(C_Asynho, TSPX_TmSltB, TSPX_TscB, ChMod_r04, Freq_rg13, Freq_rd13, TimingAdv_r01, '000'B, '000'B, '011'B) | | 5. |
| 31 | [(TCV_n = 2) OR (TCV_n = 3)] | | |
| 32 | +HalfRateCh_B_1_nociph(TSPX_Chtp8, C_Asynho, TSPX_TmSltB, TSPX_TscB, ChMod_r04, Freq_rg13, Freq_rd13, TimingAdv_r01, '000'B, '000'B, '011'B) | | 6. |
| 33 | [(TCV_n >= 8) AND (TCV_n <= 15)] | | |
| 34 | +SDCCH8_B_1_nociph(TSPX_Chtp8, C_Asynho, TSPX_TmSltB, TSPX_TscB, ChMod_sign, Freq_rg13, Freq_rd13, TimingAdv_r01, '000'B, '000'B, '011'B) | | 7. |
| Detailed Comments: | | | |
| <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH for cell A. 2. To setup a physical channel as BCCH, CCCH for cell B. 3. To setup a physical channel as SDCCH8 in cell A and setup a physical channel as hopping channels in cell B. 4. To get the future frame number for sending HANDOVER COMMAND and calculate starting time. 5. If the required channel is full rate channel, setup the after time full rate hopping channel. 6. If the required channel is half rate channel, setup the after time half rate hopping channel. 7. If the required channel is SDCCH8 channel, setup the after time SDCCH8 hopping channel. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|-------------------------|
| Test Case Name: | | TC_26_6_13_7 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS, after receiving a FREQUENCY REDEFINITION message and then an HANDOVER COMMAND message with a starting time and channel descriptions both for before and after the starting time, failing the handover, and ready to access the old channel before the time indicated in the FREQUENCY REDEFINITION, resumes transmission on the channels used at the time of the reception of the FREQUENCY REDEFINITION message and eventually starts using the new frequency parameters at the time indicated in the FREQUENCY REDEFINITION message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_r01, '000'B, '000'B, '011'B, '00'O) | | | 1. |
| 5 | | +channelsetup | | | 3. |
| 6 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 7 | | +StartCellB_5(C_Immass, TSPX_TmSltD, TSPX_TscD, TimingAdv_r01, 0, '000'B, '000'B, '011'B, '00'O) | | | 2. |
| 8 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 9 | body | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | LIDL_UdatRqImmass | ImmAss_r33(TCV_Rr, TCV_Fn, TCV_agch, TSPX_TmSltC, TSPX_TscC, TimingAdv_r01) | | |
| 13 | | +localtree | | | |
| 14 | | localtree L?DL_EstInPgRes | PgRes_01 | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Strt := OC_StartTime(TCV_Fn, 5000, 0)) | | | 4. |
| 17 | | +gsmOrDcs | | | |
| 18 | | LIDL_DatRqFrqre (DL_DatRqFrqre.msg.strt := TCV_Strt) | FrqRedf_04(TCV_ch, TSPX_TmSltC, TSPX_TscC) | | 5. |
| 19 | | (TCV_Null := OM_SendNextOn(TCV_ch, TCV_Fn), TCV_Strt := OC_StartTime(TCV_Fn, 4000, 1)) | | | 6. |
| 20 | | +gsmOrDcs1 | | | |
| 21 | | L?DL_EstIn | DLEstInd_01 | | |
| 22 | | L?DL_DatInHofl | HndOvFI_02(TCV_ch) | | |
| 23 | | +gsmOrDcs2 | | | 7. |
| 24 | | gsmOrDcs2 [TSPC_PGSM OR TSPC_EGSM] | | | |
| 25 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 26 | | [TCV_Res = TRUE] | | (P) | |
| 27 | | +PostMainLinkRel(TCV_ch) | | | |
| 28 | | [TCV_Res = FALSE] | | (F) | |
| 29 | | +PostMainLinkRel(TCV_ch) | | | |
| 30 | | [TSPC_DCS] | | | |
| 31 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |

| | | | |
|--|--|--|-----|
| 32 | [TCV_Res = TRUE] | | (P) |
| 33 | +PostMainLinkRel(TCV_ch) | | |
| 34 | [TCV_Res = FALSE] | | (F) |
| 35 | +PostMainLinkRel(TCV_ch) | | |
| | gsmOrDcs | | |
| 36 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 37 | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_r25, TCV_ch, ChDescrp_r48(TSPX_TmSltC, TSPX_TscC), CellChDes_02)) | | |
| 38 | [TSPC_DCS] | | |
| 39 | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_r25, TCV_ch, ChDescrp_r48(TSPX_TmSltC, TSPX_TscC), CellChDes_03)) | | |
| | gsmOrDcs1 | | |
| 40 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 41 | L!DL_DatRqHoCmd (DL_DatRqHoCmd.msg.strt := TCV_Strt) | HndOv_36(TCV_ch, TSPX_TmSltD, TSPX_TscD) | |
| 42 | [TSPC_DCS] | | |
| 43 | L!DL_DatRqHoCmd (DL_DatRqHoCmd.msg.strt := TCV_Strt) | HndOv_37(TCV_ch, TSPX_TmSltD, TSPX_TscD) | |
| | channelsetup | | |
| 44 | (TCV_n := BIT_TO_INT(TSPX_Chtp9)) | | |
| 45 | [TCV_n = 1] | | |
| 46 | +FullRateCh_A_1_nociph(C_Immass, TSPX_TmSltC, TSPX_TscC, ChMod_sign, Freq_rg14, Freq_rd14, TimingAdv_r01, '000'B, '000'B, '011'B) | | 8. |
| 47 | [(TCV_n = 2) OR (TCV_n = 3)] | | |
| 48 | +HalfRateCh_A_1_3_nociph(TSPX_Chtp9, C_Immass, TSPX_TmSltC, TSPX_TscC, ChMod_sign, Freq_rg14, Freq_rd14, TimingAdv_r01, '000'B, '000'B, '011'B) | | 9. |
| 49 | [(TCV_n >= 8) AND (TCV_n <= 15)] | | |
| 50 | +SDCCH8_A_1_2_nociph(TSPX_Chtp9, C_Immass, TSPX_TmSltC, TSPX_TscC, ChMod_sign, Freq_rg14, Freq_rd14, TimingAdv_r01, '000'B, '000'B, '011'B) | | 10. |
| Detailed Comments: | | | |
| <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH. 2. To set a physical channel as BCCH, CCCH for Cell B. 3. To setup a physical channel for immediate assignment. 4. To calculate the starting time for frequency redefinition. 5. To send FREQUENCY REDEFINITION message. 6. To calculate the starting time and send the HANDOVER COMMAND on special frame TCV_Fn. The assigned channel not activated in the tester. 7. To check whether the after time frequency hopping is correct at the RF burst level. 8. If the selected channel type is TCH/F, setup a physical channel as full rate channel for immediate assignment. 9. If the selected channel type is TCH/H, setup a physical channel as half rate channel for immediate assignment. 10. If the selected channel type is SDCCH8, setup a physical channel as SDCCH8 channel for immediate assignment. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|----|-------------------------|
| Test Case Name: | | TC_26_6_13_8 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS, after receiving a FREQUENCY REDEFINITION message and then an HANDOVER COMMAND message with a starting time and channel descriptions both for before and after the starting time, failing the handover, and returning on the old channel, and ready to access after the time indicated in the FREQUENCY REDEFINITION, resumes transmission using the new frequency parameters indicated in the FREQUENCY REDEFINITION message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_r01, '000'B, '000'B, '011'B, '00'O) | | 1. | |
| 5 | | +channelsetup | | 3. | |
| 6 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 7 | | +StartCellB_5(C_Immass, TSPX_TmSlitE, TSPX_TscE, TimingAdv_r01, 0, '000'B, '000'B, '011'B, '00'O) | | 2. | |
| 8 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 9 | body | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 10 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | LIDL_UdatRqImmass | ImmAss_r34(TCV_Rr, TCV_Fn, TCV_agch, TSPX_TmSlitD, TSPX_TscD, TimingAdv_r01) | | |
| 13 | | +localtree | | | |
| | | localtree | | | |
| 14 | | L?DL_EstInPgRes | PgRes_01 | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Strt := OC_StartTime(TCV_Fn, 10, 0)) | | | 4. |
| 17 | | +gsmOrDcs | | | |
| 18 | | LIDL_DatRqFrqre (DL_DatRqFrqre.msg.strt := TCV_Strt) | FrqRedf_05(TCV_ch, TSPX_TmSlitD, TSPX_TscD) | | 5. |
| 19 | | (TCV_Null := OM_SendNextOn(TCV_ch, TCV_Fn), TCV_Strt := OC_StartTime(TCV_Fn, 5000, 1)) | | | 6. |
| 20 | | +gsmOrDcs1 | | | |
| 21 | | L?DL_EstIn | DLEstInd_01 | | |
| 22 | | L?DL_DatInHofl | HndOvFI_02(TCV_ch) | | 7. |
| 23 | | +PostMainLinkRel(TCV_ch) | | | |
| | | gsmOrDcs | | | |
| 24 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 25 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_r29, TCV_ch, ChDescrp_r54(TSPX_TmSlitD, TSPX_TscD), CellChDes_02)) | | | |
| 26 | | [TSPC_DCS] | | | |
| 27 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_r29, TCV_ch, ChDescrp_r54(TSPX_TmSlitD, TSPX_TscD), CellChDes_03)) | | | |
| | | gsmOrDcs1 | | | |
| 28 | | [TSPC_PGSM OR TSPC_EGSM] | | | |

| | | | |
|--|---|---|-----|
| 29 | L!DL_DatRqHoCmd (DL_DatRqHoCmd.msg.strt := TCV_Strt) | HndOv_38(TCV_ch, TSPX_TmSlitE, TSPX_TscE) | |
| 30 | [TSPC_DCS] | | |
| 31 | L!DL_DatRqHoCmd (DL_DatRqHoCmd.msg.strt := TCV_Strt) | HndOv_39(TCV_ch, TSPX_TmSlitE, TSPX_TscE) | |
| | channelsetup | | |
| 32 | (TCV_n := BIT_TO_INT(TSPX_Chtp9)) | | |
| 33 | [TCV_n = 1] | | |
| 34 | +FullRateCh_A_1_nociph(C_Immass, TSPX_TmSlitD, TSPX_TscD, ChMod_sign, Freq_rg15, Freq_rd15, TimingAdv_r01, '000'B, '000'B, '011'B) | | 8. |
| 35 | [(TCV_n = 2) OR (TCV_n = 3)] | | |
| 36 | +HalfRateCh_A_1_3_nociph(TSPX_Chtp9, C_Immass, TSPX_TmSlitD, TSPX_TscD, ChMod_sign, Freq_rg15, Freq_rd15, TimingAdv_r01, '000'B, '000'B, '011'B) | | 9. |
| 37 | [(TCV_n >= 8) AND (TCV_n <= 15)] | | |
| 38 | +SDCCH8_A_1_2_nociph(TSPX_Chtp9, C_Immass, TSPX_TmSlitD, TSPX_TscD, ChMod_sign, Freq_rg15, Freq_rd15, TimingAdv_r01, '000'B, '000'B, '011'B) | | 10. |
| Detailed Comments: | | | |
| <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH. 2. To set a physical channel as BCCH, CCCH for Cell B. 3. To setup a physical channel for immediate assignment. 4. To calculate the starting time for frequency redefinition. 5. To send FREQUENCY REDEFINITION message. 6. To calculate the starting time and send the HANOVER COMMAND on special frame TCV_Fn. The assigned channel not activated in the tester. 7. The HANOVER FAILURE message received on the channel using the after time hopping parameters of the frequency redefinition message. 8. If the selected channel type is TCH/F, setup a physical channel as full rate channel for immediate assignment. 9. If the selected channel type is TCH/H, setup a physical channel as half rate channel for immediate assignment. 10. If the selected channel type is SDCCH8, setup a physical channel as SDCCH8 channel for immediate assignment. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|-------------------------|
| Test Case Name: | | TC_26_6_13_9 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS, after receiving an IMMEDIATE ASSIGNMENT message with a starting time and channel descriptions both for before and after the starting time, and ready to access before the indicated time, performs correctly the assignment using the description for before the time, and then starts using the frequency parameters for after the time indicated in the message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Imm, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_r01, '000'B, '000'B, '011'B, '00'O) | | | 1. |
| 5 | | +channelsetup | | | 2. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 8 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 10 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Strt := OC_StartTime(TCV_Fn, TSPX_Tm3, 1)) | | | 3. |
| 11 | | +gsmOrDcs1 | | | 4. |
| 12 | | (TCV_Null := OM_SendNextOn(TCV_ch, TCV_Fn)) | | | |
| 13 | | L!DL_UdatRqImm | ImmAss_r35(TCV_Rr, TCV_Fn, TCV_agch, TSPX_TmSltF, TSPX_TscF, TimingAdv_r01) | | |
| 14 | | L?DL_EstInPgRes | PgRes_02(TCV_ch) | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | +gsmOrDcs | | | 5. |
| 17 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | |
| 18 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 19 | | [TCV_Res = TRUE] | | (P) | |
| 20 | | +PostMainLinkRel(TCV_ch) | | | |
| 21 | | [TCV_Res = FALSE] | | (F) | |
| 22 | | +PostMainLinkRel(TCV_ch) | | | |
| 23 | | [TSPC_DCS] | | | |
| 24 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 25 | | [TCV_Res = TRUE] | | (P) | |
| 26 | | +PostMainLinkRel(TCV_ch) | | | |
| 27 | | [TCV_Res = FALSE] | | (F) | |
| 28 | | +PostMainLinkRel(TCV_ch) | | | |
| 29 | | gsmOrDcs1 [TSPC_PGSM OR TSPC_EGSM] | | | |
| 30 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_r32, TCV_ch, ChDescrp_r55(TSPX_TmSltF, TSPX_TscF), CellChDes_02)) | | | |
| 31 | | [TSPC_DCS] | | | |
| 32 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_r32, TCV_ch, ChDescrp_r55(TSPX_TmSltF, TSPX_TscF), CellChDes_03)) | | | |

| | | | |
|--|---|--|-------------------------|
| <p>33 34 35 36 37 38 39</p> | <p>channelsetup (TCV_n := BIT_TO_INT(TSPX_Chtp13)) [TCV_n = 1] +FullRateCh_A_1_nociph(C_Immass, TSPX_TmSlfF, TSPX_TscF, ChMod_sign, Freq_rg16, Freq_rd16, TimingAdv_r01, '000'B, '000'B, '011'B) [(TCV_n = 2) OR (TCV_n = 3)] +HalfRateCh_A_1_3_nociph(TSPX_Chtp13, C_Immass, TSPX_TmSlfF, TSPX_TscF, ChMod_sign, Freq_rg16, Freq_rd16, TimingAdv_r01, '000'B, '000'B, '011'B) [(TCV_n >= 8) AND (TCV_n <= 15)] +SDCCH8_A_1_2_nociph(TSPX_Chtp13, C_Immass, TSPX_TmSlfF, TSPX_TscF, ChMod_sign, Freq_rg16, Freq_rd16, TimingAdv_r01, '000'B, '000'B, '011'B)</p> | | <p>6. 7. 8.</p> |
| <p>Detailed Comments:</p> <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH. 2. To setup a physical channel for immediate assignment. 3. To calculate the starting time for frequency parameters change. 4. To inform the test system to change frequency parameters after starting time. 5. To check whether the MS transmitting on the after time frequency parameters. 6. If the selected channel type is TCH/F, setup a physical channel as full rate channel for immediate assignment before time. 7. If the selected channel type is TCH/H, setup a physical channel as half rate channel for immediate assignment before time. 8. If the selected channel type is SDCCH8, setup a physical channel as SDCCH8 channel for immediate assignment before time. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|-------------------------|
| Test Case Name: | | TC_26_6_13_10 | | | |
| Group: | | GSM_L3_MS_v4170/RR/ | | | |
| Purpose: | | To verify that the MS, after receiving an IMMEDIATE ASSIGNMENT message with a starting time and channel descriptions both for before and after the starting time, performs correctly the assignment using the frequencies and hopping sequence for after the time if the indicated time has already elapsed when the Mobile Station is ready to transmit. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +PreEnterIdleState_r01(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_r01, '000'B, '000'B, '011'B, '00'O) | | | 1. |
| 5 | | +channelsetup | | | 2. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | body | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 8 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 10 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_Strt := OC_StartTime(TCV_Fn, 5, 1)) | | | 3. |
| 11 | | +gsmOrDcs1 | | | |
| 12 | | (TCV_Null := OM_SendNextOn(TCV_ch, TCV_Fn)) | | | |
| 13 | | L!DL_UdatRqImm | ImmAss_r36(TCV_Rr, TCV_Fn, TCV_agch, TSPX_TmSltG, TSPX_TscG, TimingAdv_r01) | | |
| 14 | | L?DL_EstInPgRes | PgRes_02(TCV_ch) | | 4. |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | +gsmOrDcs | | | |
| 17 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | |
| 18 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 19 | | [TCV_Res = TRUE] | | (P) | |
| 20 | | +PostMainLinkRel(TCV_ch) | | | |
| 21 | | [TCV_Res = FALSE] | | (F) | |
| 22 | | +PostMainLinkRel(TCV_ch) | | | |
| 23 | | [TSPC_DCS] | | | |
| 24 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 25 | | [TCV_Res = TRUE] | | (P) | |
| 26 | | +PostMainLinkRel(TCV_ch) | | | |
| 27 | | [TCV_Res = FALSE] | | (F) | |
| 28 | | +PostMainLinkRel(TCV_ch) | | | |
| 29 | | gsmOrDcs1 [TSPC_PGSM OR TSPC_EGSM] | | | |
| 30 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_r33, TCV_ch, ChDescrp_r56(TSPX_TmSltG, TSPX_TscG), CellChDes_02)) | | | |
| 31 | | [TSPC_DCS] | | | |
| 32 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_r33, TCV_ch, ChDescrp_r56(TSPX_TmSltG, TSPX_TscG), CellChDes_03)) | | | |

| | | | | |
|--|---|--|--|-------------------------|
| <p>33 34 35 36 37 38 39</p> | <p>channelsetup (TCV_n := BIT_TO_INT(TSPX_Chtp14)) [TCV_n = 1] +FullRateCh_A_1_nociph(C_Immass, TSPX_TmSltG, TSPX_TscG, ChMod_sign, Freq_rg17, Freq_rd17, TimingAdv_r01, '000'B, '000'B, '011'B) [(TCV_n = 2) OR (TCV_n = 3)] +HalfRateCh_A_1_3_nociph(TSPX_Chtp14, C_Immass, TSPX_TmSltG, TSPX_TscG, ChMod_sign, Freq_rg17, Freq_rd17, TimingAdv_r01, '000'B, '000'B, '011'B) [(TCV_n >= 8) AND (TCV_n <= 15)] +SDCCH8_A_1_2_nociph(TSPX_Chtp14, C_Immass, TSPX_TmSltG, TSPX_TscG, ChMod_sign, Freq_rg17, Freq_rd17, TimingAdv_r01, '000'B, '000'B, '011'B)</p> | | | <p>5. 6. 7.</p> |
| <p>Detailed Comments:</p> <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH. 2. To setup a physical channel for immediate assignment. 3. To calculate the starting time for immediate assignment. 4. To paging response message received on the channel with after time frequency parameters. 5. If the selected channel type is TCH/F, setup a physical channel as full rate channel for immediate assignment after time. 6. If the selected channel type is TCH/H, setup a physical channel as half rate channel for immediate assignment after time. 7. If the selected channel type is SDCCH8, setup a physical channel as SDCCH8 channel for immediate assignment after time. | | | | |

Test Group MM

| Test Case Dynamic Behaviour | | | | | |
|--|-------|--|------|---|---------------|
| Test Case Name: TC_26_7_1 | | | | | |
| Group: GSM_L3_MS_v4170/MM/ | | | | | |
| Purpose: To verify that the MS is able to receive and acknowledge a new TMSI by means of an explicit TMSI reallocation procedure. To verify that the MS has stored the TMSI in a non-volatile memory. The implicit reallocation procedure is tested in section 26.7.4.1. | | | | | |
| Default: OtherEventsFail | | | | | |
| Comments: Initial Conditions of MS: The MS has valid TMSI(TMSI_01), CKSN and Kc. It is "idle updated" on cell B. The initial conditions will be arrived in procedures of PREAMBLE. Required SIM card: default Foreseen final state of the MS: The MS has valid TMSI(TMSI_01), CKSN and Kc. It is "idle updated" on cell A. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +IdleState_2cellMM2(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +PreEstRRC_MM(MiTmsi_01, TCV_cksn, TCV_Ccd0B, TSPX_IMSI, TimingAdv_r01) | | | |
| 7 | | +Cipherring_on(TCV_ch) | | | |
| 8 | body | +ltree_body | | | |
| | | ltree_body | | | |
| 9 | | +TmsiReallocation(MiTmsi_02, C_lacellB) | | | 1) |
| 10 | | +ChanRel(TCV_ch) | | | |
| 11 | | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | no cipherring |
| 12 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 13 | | START T_dly(10000) | | | |
| 14 | | ?TIMEOUT T_dly | | | |
| 15 | | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 16 | | +WaitForInService | | | |
| 17 | | +PreEstRRC_MM(MiTmsi_02, TCV_cksn, TCV_Ccd0B, TSPX_IMSI, TimingAdv_r01) | | | 2) |
| 18 | | +ChanRel(TCV_ch) | | | |
| 19 | | +Varinit_fixA | | | 3) |
| 20 | | +ltree_switchcell | | | |
| 21 | | +PreEstRRC_MM(MiTmsi_01, TCV_cksn, TCV_Ccd0A, TSPX_IMSI, TimingAdv_r01) | | | 6) |
| 22 | | +ChanRel_end(TCV_ch) | | | |
| | | ltree_switchcell | | | |
| 23 | | +LowRfLev_Cellnotavail(C_CellB) | | | 4) |
| 24 | | +MM_LUP_tmsirealloc(MiTmsi_01, MiTmsi_02, C_lacellB, TCV_lac, TCV_cksn, TimingAdv_r01) | | | 5) |
| 25 | | +ChanRel(TCV_ch) | | | |
| Detailed Comments: | | | | | |
| 1) new TMSI from PIXIT, test body starts from here. | | | | | |
| 2) RR connection with the new tmsi 2. | | | | | |
| 3) initialization of variables for cell A. | | | | | |
| 4) The RF level of cell B is lowered until the MS selects cell A and starts the Location Update. | | | | | |
| 5) Location Update from cell B to A. | | | | | |
| 6) RR connection with the new tmsi 1 | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_26_7_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | 1) To check that a Mobile Station correctly responds to an Authentication(TCV_ch) Request message by sending an Authentication(TCV_ch) Response message with the SRES information field set to the same value as the one produced by the authentication algorithm in the network. 2) To check that a Mobile Station indicates in a Paging Response message the ciphering key sequence number which was allocated to it through the authentication procedure. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS has valid TMSI, CKSN(CKSN1) and Kc. It is "idle updated" on the cell. Foreseen final state of the MS: The MS has valid TMSI(TMSI1), CKSN and Kc. IT is "idle updated" on cell A. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +IdleState_cellA(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 6 | | +PreEstRRC_MM(MiTmsi_01, TCV_cksn, TCV_Ccd0A, TSPX_IMSI, TimingAdv_r01) | | | |
| 7 | | (TCV_cksn:= TSPX_CKSNB) | | | |
| 8 | body | +Authentication(TCV_ch, TCV_cksn) | | | |
| 9 | | +ChanRel(TCV_ch) | | | |
| 10 | | +PreEstRRC_MM(MiTmsi_01, TCV_cksn, TCV_Ccd0A, TSPX_IMSI, TimingAdv_r01) | | | 1) |
| 11 | post | +ChanRel_end(TCV_ch) | | | |
| Detailed Comments: | | 1) RR-Establishment with a new CKSN | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_26_7_2_2 |
| Group: | GSM_L3_MS_v4170/MM/ |
| Purpose: | <p>1) To check that ,after reception of an Authentication Reject message, the Mobile Station:</p> <p>1.1 does not perform normal location updating</p> <p>1.2 does not perform periodic location updating</p> <p>1.3 does not respond to paging with TMSI</p> <p>1.4 rejects any request from CM entity for MM connection except for emergency call</p> <p>1.5 does not perform IMSI detach if deactivated</p> <p>2) To check that, after reception of an Authentication Reject message the Mobile Station, if it supports speech, accepts a request for an emergency call by sending a CHANNEL REQUEST message with the establishment cause set to "emergency call" and includes an IMEI as mobile identity in the CM SERVICE REQUEST message.</p> <p>3) To check that, after reception of an Authentication Reject message and after having been deactivated and reactivated, the MS performs location updating using its IMSI as mobile identity and indicates deleted LAI and CKSN.</p> |
| Default: | OtherEventsFail |
| Comments: | <p>Initial Conditions of MS: The MS has valid TMSI, CKSN2 and Kc. IT is "idle updated" on cell B.</p> <p>Foreseen final state of the MS: The MS has valid TMSI, CKSN1 and Kc. IT is "idle updated" on cell A.</p> |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|--------------------|---|----------|
| 1 | | START T_guard(700) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | 1) |
| 5 | | +IdleState_2cellMM2(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 6 | body | +PreEstRRC_MM(MiTmsi_01, TCV_cks, TCV_Ccd0B, TSPX_IMSI, TimingAdv_r01) | | | |
| 7 | | +Authentication(TCV_ch, TCV_cks) | | | |
| 8 | | LIDL_DatRqAuthRej | AuthRej_01(TCV_ch) | | |
| 9 | | +ChanRel(TCV_ch) | | | |
| 10 | | +MM_no_paging(MiTmsi_01,3000, TCV_Ccd0B) | | | 2) |
| 11 | | START T_dly(15000) | | | |
| 12 | | ?TIMEOUT T_dly | | | |
| 13 | | +MM_no_cmservices(3000) | | | 3) |
| 14 | | +MM_check_ecall1(TimingAdv_r01, Milmei_01) | | | 4) |
| 15 | | +ltree_switchcelltoA | | | |
| 16 | | +NoReaction(30000) | | | 5) |
| 17 | | +ltree_continue | | | |
| | | ltree_continue | | | |
| 18 | | +NoReaction(420000) | | | 6) |
| 19 | | +ImsiDetachNoReaction(3000, C_SIMneedRmv) | | | 7) |
| 20 | | +MM_PwrOrSimOn(C_SIMneedRmv) | | | |
| 21 | | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal Updating, C_cks, nokey, TCV_cks, TimingAdv_r01) | | | 8) |
| 22 | post | +ChanRel_end(TCV_ch) | | | |
| | | ltree_switchcelltoA | | | |
| 23 | | +Varinit_fixA | | | |
| 24 | | (TCV_cks:=TSPX_CKSNA, TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDA)) | | | 9) |
| 25 | | +LowRfLev_Cellnotavail(C_CellB) | | | |

Detailed Comments: 1) Initial condition: CKSN2, which has the default value.

- 2) Check of purpose 1.3
- 3) Check of purpose 1.4
- 4) Check of purpose 1.4, emergency call
- 5) Check of purpose 1.1
- 6) Check of purpose 1.2
- 7) Check of purpose 1.5
- 8) Check normal location update after SimOutIn or SwitchOnOff or PowerOnOff.
- 9) CKSN1 takes the value different from the default value.

| Test Case Dynamic Behaviour | | | | | |
|------------------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_7_3_1 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | 1) To verify that the MS sends identity information as requested by the system in the following cases: IMSI and TMSI are requested in non-ciphered mode, IMEI is requested in ciphered mode. 2) To verify that the MS sends its IMEI, when requested to do so, in non-ciphered mode. 3) To verify that the MS sends its IMEISV, when requested to do so, in non-ciphered mode. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS has valid TMSI. It is "idle updated" on the cell. Foreseen final state of the MS: The MS has valid TMSI. It is "idle updated" on the cell. In the 11.10 there are two test sequences. In TTCN they are combined to only one. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +IdleState_cellA(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 5 | body | +PreEstRRC_MM(MiTmsi_01, TCV_cksn, TCV_Ccd0A, TSPX_IMSI, TimingAdv_r01) | | | |
| 6 | | +IdentityRequest(C_IMSI, Milmsi_01) | | | |
| 7 | | +IdentityRequest(C_TMSI, MiTmsi_01) | | | |
| 8 | | +Ciphering_on(TCV_ch) | | | |
| 9 | | +IdentityRequest(C_IMEI, Milmei_01) | | | |
| 10 | | +Ciphering_off(TCV_ch) | | | |
| 11 | | +IdentityRequest(C_IMEI, Milmei_01) | | | |
| 12 | | +IdentityRequest(C_IMEISV, Milmeisv_01) | | | |
| 13 | post | +ChanRel_end(TCV_ch) | | | |
| Detailed Comments: | | | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_26_7_3_2 |
| Group: | GSM_L3_MS_v4170/MM/ |
| Purpose: | To check that the MS behaves correctly when activated with an IMSI of length less than the maximum length. In this condition, the MS shall: <ol style="list-style-type: none"> 1. perform location updating 2. answer to paging with IMSI 3. give the correct IMSI when asked by an IDENTITY REQUEST 4. attempt CM connection establishment when requested to 5. attempt call re-establishment when needed 6. attempt IMSI detach when needed 7. erase its TMSI when the IMSI is sent by the network in a LOCATION UPDATING ACCEPT or a TMSI REALLOCATION COMMAND message. |
| Default: | OtherEventsFail |
| Comments: | Initial Conditions of MS: The MS has no valid TMSI. It is "idle updated" on the cell. The IMSI has the value '001011234'. This test case shall use the SIM Card 2 with 'IMSI=001011234' and HPLMN_search_period=6min. Foreseen final state of the MS: The MS has no valid TMSI. It is "idle updated" on the cell. |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|---|-----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcB, TSPX_MTChRateB, TSPX_MT_ImmConnB) | | | |
| 3 | | (TCV_Null := OO_SIM2Ins()) | | | |
| 4 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 5 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +IdleState_cellA(C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '00'O, C_Restablishment) | | | |
| 7 | | +CCConfigTCH(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_r01, '000'B, '001'B, '011'B) | | | |
| 8 | | +ltree_body | | | |
| | | ltree_body | | | |
| 9 | | +ltree_check_idreqimsi | | 1) | |
| 10 | | +ltree_EnterCCstateU10 | | | |
| 11 | | (TCV_Null := OM_Deactivate(TCV_chTch, TCV_sacchTch)) | | | |
| 12 | | +ltree_check_reestablish_imsi | | 2) | |
| 13 | | +ltree_check_tmsi_imsi | | 3) | |
| 14 | | +ImsiDetach(Milmsi_31, TimingAdv_r01, C_SIMIn) | | 4) | |
| 15 | | +ltree_check_luppoweron | | 5) | |
| 16 | | +ltree_check_luplacchange | | 6) | |
| 17 | | +ltree_check_cmserveqimsi | | 7) | |
| 18 | | +ChanRel_end(TCV_ch) | | | |
| | | ltree_check_idreqimsi | | | |
| 19 | | +PreEstRRC_MM(Milmsi_31, TCV_cksn, TCV_Ccd0A, C_shortIMSI, TimingAdv_r01) | | | |
| 20 | | +IdentityRequest(C_IMSI, Milmsi_31) | | | |
| | | ltree_check_reestablish_imsi | | | |
| 21 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_10 | | |
| 22 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 23 | | LIDL_UdatRqImmMass | ImmAss_01Def(TCV_ agch, TCV_Rr,TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 24 | | L?DL_EstInCmreRq | CmreReq_03 | (P) | |
| 25 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |

| | | | |
|----|--|---|-------------------------|
| 26 | +TmsiReallocation(MiTmsi_01, C_lacellA) | | |
| 27 | +ChanRel(TCV_ch) | | |
| | Itree_check_tmsi_imsi | | |
| 28 | +PreEstRRC_MM(MiTmsi_01, TCV_cks, TCV_Ccd0A, C_shortIMSI, TimingAdv_r01) | | |
| 29 | +Authentication(TCV_ch, TCV_cks) | | |
| 30 | +TmsiReallocation(Milmsi_31, C_lacellA) | | |
| 31 | +ChanRel(TCV_ch) | | |
| 32 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | |
| | Itree_check_luppoweron | | |
| 33 | +MM_PwrOrSimOn(C_SIMIn) | | |
| 34 | +MM_LUP2(MiTmsi_01iei, Milmsi_31, TCV_lac, TCV_lac, TCV_cks, TimingAdv_r01) | | |
| | Itree_check_luplacchange | | |
| 35 | (TCV_lac := C_lacellB) | | |
| 36 | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | |
| 37 | +StartCellA_MM2(C_Immass, TCV_slot, TCV_tsc, 5, 1, 1, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | |
| 38 | START T_dly(30000) | | |
| 39 | ?TIMEOUT T_dly | (P) | |
| 40 | +MM_LUP_imsi(Milmsi_31iei, MiTmsi_01, TCV_lac, C_normal_updating, TimingAdv_r01) | | |
| | Itree_check_cmserveqimsi | | |
| 41 | +AttmpFullRateCall | | |
| 42 | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | |
| 43 | L?DL_RaInChRq(TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | |
| 44 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 45 | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | |
| 46 | L?DL_EstInCmsRq | CmsrReq_30(Milmsi_31) | (P) |
| 47 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| | Itree_EnterCCstateU10 | | |
| 48 | L!DL_DatRqAuthRq | AuthReq(TCV_ch, AuthRequest_01) | |
| 49 | L?DL_DatInAuthRes(TCV_Sres := DL_DatInAuthRes.msg.sres) | AuthRes(AuthResponse_01) | |
| 50 | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDDef)) | | |
| 51 | [TCV_Res = FALSE] | | (I) |
| 52 | +PostMainLinkRel(TCV_ch) | | |
| 53 | [TCV_Res = TRUE] | | |
| 54 | +Cipherring_on(TCV_ch) | | |
| 55 | L!DL_DatRqSetup(TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupSnd(TCV_ch, TCV_Setup_mt) | |
| 56 | L?DL_DatInCallCo(TCV_CallCfm := DL_DatInCallCo.msg) | CallCfm(CallConfirm_01) | |
| 57 | +CCAssignTCH(TSPX_TmSltDef, TSPX_TscDef) | | |
| 58 | L?DL_DatInConn | ConnRcv(Connect_01) | |
| 59 | L!DL_DatRqConnAck | ConnAckSnd(TCV_ch Tch, ConnectAck_01) | |
| 60 | +CCstatuschk_02(TCV_chTch, C_U10, TCV_TI, TI_01) | | |

| | | |
|---|--|--------------------------------------|
| 61 | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01)) |
| 62 | (TCV_Null := OO_HookOff()) | |
| 63 | L?DL_DatInConn | ConnRcv(Connect_01) |
| 64 | L!DL_DatRqConnAck | ConnAckSnd(TCV_chTch, ConnectAck_01) |
| 65 | +CCstatuschk_02(TCV_chTch, C_U10, TCV_TI, TI_01) | |
| Detailed Comments: | | |
| <ul style="list-style-type: none"> 0) Initial condition: no valid TMSI, test body starts here. 1) check of purpose 2. and 3. 2) check of purpose 5. 3) check of purpose 7. 4) check of purpose 6. 5) check of purpose 1. 6) check of purpose 1. and 7. 7) check of purpose 4. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|-------------------------|
| Test Case Name: | | TC_26_7_4_1 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To test the behaviour of the MS if the network accepts the location updating of the MS. For the network response three different cases are identified: 1) TMSI is allocated, 2) Location updating accept contains neither TMSI nor IMSI, 3) Location updating accept contains IMSI. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS has valid TMSI(TMSI1), CKSN(CKSN1) and Kc. IT is "idle updated" on cell A. Foreseen final state of the MS: The MS has no valid TMSI and no CKSN. It is "idle updated" on cell B. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB)) | | | |
| 5 | | +IdleState_2cellMM2(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 6 | body | +Varinit_fixB | | | |
| 7 | | +ltree_switchcelltoB_LupPag1 | | | |
| 8 | | +Varinit_fixA | | | |
| 9 | | +ltree_switchcelltoA_LupPag | | | |
| 10 | | +Varinit_fixB | | | |
| 11 | | +ltree_switchcelltoB_LupPag2 | | | |
| 12 | | +ChanRel_end(TCV_ch) | | | |
| | | ltree_switchcelltoB_LupPag1 | | | |
| 13 | | +LowRfLev_Cellnotavail(C_CellA) | | | |
| 14 | | +MM_LUP2(MiTmsi_02iei, MiTmsi_01, C_lacellA, C_lacellB, TCV_cksn, TimingAdv_r01) | | | |
| 15 | | +WaitForInService | | | |
| 16 | | +PreEstRRC_MM(MiTmsi_02, TCV_cksn, TCV_Ccd0B, TSPX_IMSI, TimingAdv_r01) | | | |
| 17 | | +ChanRel(TCV_ch) | | | |
| | | ltree_switchcelltoA_LupPag | | | |
| 18 | | +ChangeRfLev_2Cells(C_CellA, 63, C_CellB, 53) | | | |
| 19 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_09 | | |
| 20 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 21 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 22 | | L?DL_EstInLupRq | LocUp_30(MiTmsi_02, TCV_ch, C_lacellB, C_normal_updating, TCV_cksn) | | |
| 23 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 24 | | LIDL_DatRqLupAcp | LocAcp_32(TCV_ch, C_lacellA) | (P) | |
| 25 | | +ChanRel(TCV_ch) | | | |
| 26 | | +WaitForInService | | | |
| 27 | | +PreEstRRC_MM(MiTmsi_02, TCV_cksn, TCV_Ccd0A, TSPX_IMSI, TimingAdv_r01) | | | |
| 28 | | +ChanRel(TCV_ch) | | | |

| | | | |
|---------------------------|--|---|-------------------------|
| | ltree_switchcelltoB_LupPag2 | | |
| 29 | +LowRfLev_Cellnotavail(C_CellA) | | |
| 30 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_09 | |
| 31 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 32 | LIDL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | |
| 33 | L?DL_EstInLupRq | LocUp_30(MiTmsi_02 , TCV_ch, C_lacellA, C_normal_updating, TCV_cks) | |
| 34 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 35 | L!DL_DatRqLupAcp | LocAcp_30(Milmsi_0 1iei, TCV_ch, C_lacellB) | (P) |
| 36 | +ChanRel(TCV_ch) | | |
| 37 | +WaitForInService | | |
| 38 | +MM_no_paging(MiTmsi_02, 5000, TCV_Ccd0B) | | |
| 39 | +PreEstRRC_MM(Milmsi_01, TCV_cks, TCV_Ccd0B, TSPX_IMSI, TimingAdv_r01) | | |
| Detailed Comments: | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_26_7_4_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To test the behaviour of the MS if the network rejects the location updating of the MS with the cause "IMSI unknown in HLR", "illegal MS" or "Illegal ME". | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS has no valid TMSI and no CKSN. It is "idle updated" on cell A. Foreseen final state of the MS: The MS has valid TMSI and no CKSN. It is "idle updated" on cell A. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(2100) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB)) | | | |
| 5 | | +IdleState_2cellMM2(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 6 | body | +execution1 | | | |
| 7 | | +execution2 | | | |
| 8 | | +execution3 | | | |
| | | execution1 | | | |
| 9 | | +Itree_switchcelltoB | | | |
| 10 | | +MM_LupRej(C_rc_imsiunknownhnr, TimingAdv_r01) | | | |
| 11 | | +Itree_main | | | |
| 12 | | +ChanRel(TCV_ch) | | | |
| | | execution2 | | | |
| 13 | | +Itree_switchcelltoB | | | |
| 14 | | +MM_LupRej(C_rc_illegal_ms, TimingAdv_r01) | | | |
| 15 | | +Itree_main | | | |
| 16 | | +ChanRel(TCV_ch) | | | |
| | | execution3 | | | |
| 17 | | +Itree_switchcelltoB | | | |
| 18 | | +MM_LupRej(C_rc_illegal_me, TimingAdv_r01) | | | |
| 19 | | +Itree_main | | | |
| 20 | post | +ChanRel_end(TCV_ch) | | | |
| | | Itree_main | | | |
| 21 | | +Itree_switchcelltoA | | | |
| 22 | | +NoReaction(30000) | | | |
| 23 | | +NoReaction(420000) | | | |
| 24 | | +MM_no_paging(Milmsi_01, 3000, TCV_Ccd0A) | | | |
| 25 | | +MM_no_paging(MiTmsi_01, 3000, TCV_Ccd0A) | | | |
| 26 | | +MM_no_cmsservices(3000) | | | |
| 27 | | +MM_check_ecall1(TimingAdv_r01, Milmei_01) | | | |
| 28 | | +ImsiDetachNoReaction(3000, C_SIMneedRmv) | | | |
| 29 | | +MM_PwrOrSimOn(C_SIMneedRmv) | | | |
| 30 | | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal_updating, C_cksnokey, TCV_cksno, TimingAdv_r01) | | | |
| | | Itree_switchcelltoA | | | |
| 31 | | +Varinit_fixA | | | |

| | | | | | |
|---------------------------|--|----------------------------------|--|--|--|
| 32 | | +IncrRfLev_Cellavail(C_CellA) | | | |
| 33 | | +LowRfLev_Cellnotavail(C_CellB) | | | |
| | | Itree_switchcelltoB | | | |
| 34 | | +Varinit_fixB | | | |
| 35 | | +IncrRfLev_Cellavail(C_CellB) | | | |
| 36 | | +LowRfLev_Cellnotavail(C_CellA) | | | |
| Detailed Comments: | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_7_4_2_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To test the behaviour of the MS if the network rejects the location updating of the MS with the cause "PLMN not allowed". | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial conditions for the Mobile Station: - The MS has a valid TMSI. It is "idle updated" on cell C. - The MS is in manual mode for PLMN selection. | | | |
| | | Final state of the Mobile Station: Idle Updated with TMSI on cell C. The MS is in automatic mode for PLMN selection. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(720) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellC, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +StartCellC(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | body | +WaitForInService | | | |
| 6 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 7 | | (TCV_Null := OM_StopCell(C_CellC)) | | | |
| 8 | | +Varinit_fixB | | | |
| 9 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 10 | | +Start_2cellsPLMN2(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 11 | | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 12 | | +ltree_continue | | | |
| | | ltree_continue | | | |
| 13 | | (TCV_Null := OO_PLMNselModeMan()) | | | |
| 14 | | (TCV_Null := OO_SelPLMN(C_PLMN_2)) | | | |
| 15 | | +MM_LupRej(C_rc_plmn_not, TimingAdv_r01) | | | 1) |
| 16 | | +NoReaction(420000) | | | 2) |
| 17 | | +ImsiDetachNoReaction(3000, C_SIMneedRmv) | | | 3) |
| 18 | | +MM_PwrOrSimOn(C_SIMneedRmv) | | | |
| 19 | | +ltree_switchcelltoA | | | |
| 20 | | +ltree_continue1 | | | |
| | | ltree_continue1 | | | |
| 21 | | +NoReaction(60000) | | | 4) |
| 22 | | +MM_check_ecall1(TimingAdv_r01, Milmsi_01) | | | 5) |
| 23 | | +MM_no_cmsservices(3000) | | | 5) |
| 24 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 25 | | (TCV_Null := OM_StopCell(C_CellA), TCV_Null := OM_StopCell(C_CellB)) | | | |
| 26 | | +ltree_continue2 | | | |
| | | ltree_continue2 | | | |
| 27 | | +Varinit_fixC | | | |
| 28 | | +StartCellC(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | 6) |
| 29 | | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 30 | | (TCV_Null := OO_PLMNselModeAuto()) | | | |
| 31 | | +MM_LUP2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_cksnokey, TimingAdv_r01) | | | |
| | | ltree_switchcelltoA | | | |

| | | | | | |
|--|--|---------------------------------|--|--|--|
| 32 | | +Varinit_fixA | | | |
| 33 | | +LowRfLev_Cellnotavail(C_CellB) | | | |
| Detailed Comments: | | | | | |
| 1) Location updating rejected with cause = PLMN not allowed. | | | | | |
| MS shall | | | | | |
| 2) not perform periodic updating | | | | | |
| 3) not perform IMSI detach when switched off. | | | | | |
| 4) not perform normal location updating after switching to a new LAC in the same PLMN and when that PLMN is not selected manually. | | | | | |
| 5) reject any request from CM entity for MM connection other than for emergency call. | | | | | |
| 6) switch to a new cell with a new PLMN. | | | | | |
| 7) perform normal location updating after entering in a new PLMN | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_26_7_4_2_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To test the behaviour of the MS if the network rejects the location updating of the MS with the cause "PLMN not allowed". | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial conditions for the Mobile Station: - The MS has a valid TMSI. It is "idle updated" on cell C. - The MS is in manual mode for PLMN selection. Final state of the Mobile Station: Idle Updated with TMSI on cell C. The MS is in automatic mode for PLMN selection. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(720) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellC, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +StartCellC(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | body | +WaitForInService | | | |
| 6 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 7 | | (TCV_Null := OM_StopCell(C_CellC)) | | | |
| 8 | | +Varinit_fixB | | | |
| 9 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 10 | | +Start_2cellsPLMN2(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 11 | | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 12 | | +ltree_continue | | | |
| | | ltree_continue | | | |
| 13 | | (TCV_Null := OO_PLMNselModeMan()) | | | |
| 14 | | (TCV_Null := OO_SelPLMN(C_PLMN_2)) | | | |
| 15 | | +MM_LupRej(C_rc_plmn_not, TimingAdv_r01) | | | 1) |
| 16 | | (TCV_Null := OO_SelPLMN(C_PLMN_2)) | | | 2) |
| 17 | | +MM_LupInit(Milmsi_01, C_lacdeleted, C_normal_updating, C_cksn_nokey, TimingAdv_r01) | | | |
| 18 | | +ChanRel(TCV_ch) | | | |
| 19 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 20 | | (TCV_Null := OM_StopCell(C_CellA), TCV_Null := OM_StopCell(C_CellB)) | | | |
| 21 | | +ltree_continue2 | | | |
| | | ltree_continue2 | | | |
| 22 | | +Varinit_fixC | | | |
| 23 | | +StartCellC(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | 6) |
| 24 | | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 25 | | (TCV_Null := OO_PLMNselModeAuto()) | | | |
| 26 | | +MM_LUP2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_cksn_nokey, TimingAdv_r01) | | | |
| Detailed Comments: | | 1) Location updating rejected with cause = PLMN not allowed. 2) MS shall perform normal location updating after switching to a new LAC in the same PLMN and when that PLMN is selected manually. | | | |

| Test Case Dynamic Behaviour | | | | | |
|--|-------|--|------|---|----------|
| Test Case Name: TC_26_7_4_2_3 | | | | | |
| Group: GSM_L3_MS_v4170/MM/ | | | | | |
| Purpose: To test the behaviour of the MS if the network rejects the location updating of the MS with the cause "Location Area not allowed". | | | | | |
| To test that the MS deletes the list of forbidden location areas after switching of the MS. | | | | | |
| Default: OtherEventsFail | | | | | |
| Comments: Initial conditions for the Mobile Station: | | | | | |
| - The MS has a valid TMSI. It is "idle updated" on cell A. | | | | | |
| Initial conditions for the Mobile Station: | | | | | |
| - The MS has a valid TMSI. It is "idle updated" on cell A. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(720) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB)) | | | |
| 5 | | +IdleState_2cellMM2(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 6 | body | +ltree_switchcelltoB_Asuitable | | | |
| 7 | | +MM_LupRej(C_rc_LAnotallowed, TimingAdv_r01) | | | 1) |
| 8 | | +NoReaction(420000) | | | 2) |
| 9 | | +MM_no_paging(MiTmsi_01, 3000, TCV_Ccd0B) | | | 3) |
| 10 | | +MM_no_cm services(3000) | | | 4) |
| 11 | | +MM_check_ecall1(TimingAdv_r01, Milmsi_01) | | | 4) |
| 12 | | +lmsiDetachNoReaction(3000, C_SIMIn) | | | 5) |
| 13 | | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 14 | | +MM_LupRej2(C_rc_LAnotallowed, Milmsi_01, C_lacdeleted, C_normal_updating, C_cksn_nokey, TimingAdv_r01) | | | 6) |
| 15 | | +ltree_switchcelltoA | | | |
| 16 | | +MM_LUPauth1(MiTmsi_01iei, TCV_lac, TCV_cksn, TimingAdv_r01) | | | 7) |
| 17 | | +ChanRel_end(TCV_ch) | | | |
| 18 | | ltree_switchcelltoA | | | |
| 19 | | +Varinit_fixA +LowRfLev_Cellnotavail(C_CellB) | | | |
| 20 | | ltree_switchcelltoB_Asuitable | | | |
| 21 | | +Varinit_fixB +ChangeRfLev_2Cells(C_CellB, 63, C_CellA, 51) | | | |
| Detailed Comments: | | | | | |
| 1) Reject of Location Updating with the cause Location Area is not allowed. | | | | | |
| MS shall | | | | | |
| 2) not perform periodic updating | | | | | |
| 3) not perform paging with TMSI | | | | | |
| 4) reject any request from CM entity for MM connection other than for emergency call. | | | | | |
| 5) not perform IMSI detach when switched off. | | | | | |
| 6) delete list of forbidden LAs after switch off and perform normal location updating | | | | | |
| 7) perform normal location updating after entering in a new Location Area. | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|----------------------------|-----|-----------------------------|
| Test Case Name: | | TC_26_7_4_2_4_1 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | Test purpose 1 To test that on receipt of a rejection using the Roaming cause code, the MS ceases trying to update on that cell, that this situation continues for at least one periodic location interval period, and that the corresponding list is re-set by powering down the MS (the requirement in TS GSM 04.08 is that the list shall be retained for at least 12 hours. This aspect is not formally tested). | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | This testcase includes only the procedure of part 1 of GSM 11.10-1, section 26.7.4.2.4. Initial Conditions of MS: The MS has valid TMSI, CKSN and Kc. IT is "idle updated" on cell B. Foreseen final state of the MS: The MS has no valid TMSI and no CKSN. It is "idle updated" on cell A. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(720) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | Initialization of TCV_sacch |
| 4 | | +IdleUpdatedCellB(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 5 | body | +ltree_switchcelltoA | | | |
| 6 | | +MM_LupRej(C_rc_roamingnot, TimingAdv_r01) | | | 1) |
| 7 | | +NoReaction(420000) | | | 2) |
| 8 | | +MM_PwrOrSimOff(C_SIMIn) | | | 3) |
| 9 | | +MM_PwrOrSimOn(C_SIMIn) | | | 3) |
| 10 | | (TCV_Null := OO_PLMNselModeAuto()) | | | |
| 11 | | +MM_LupInit2(C_normal_updating, TimingAdv_r01) | | | 3) |
| 12 | | L!DL_DatRqLupAcp | LocAcp_31(TCV_ch, TCV_lac) | (P) | 4) |
| 13 | | +ChanRel_end(TCV_ch) | | | |
| | | ltree_switchcelltoA | | | |
| 14 | | +Varinit_fixA | | | |
| 15 | | +LowRfLev_Cellnotavail(C_CellB) | | | |
| Detailed Comments: | | 1) Reject of Location Updating with the cause Roaming is not allowed. MS shall 2) not perform periodic updating 3) reset the list of "forbidden location areas for national roaming" when powered down. 4) Location Updating Accept with LAI belonging to PLMN2 and without Mobile Identity. | | | |

Test Case Dynamic Behaviour

Test Case Name: TC_26_7_4_2_4_2
Group: GSM_L3_MS_v4170/MM/
Purpose: Test purpose 2
 To test that if no cell is available, the MS does not answer to paging with TMSI, rejects a request from CM entity except other than emergency calls.
Default: OtherEventsFail
Comments: This testcase includes only the procedure of part 2 of GSM 11.10-1, section 26.7.4.2.4.

Initial Conditions of MS:
 The MS has valid TMSI, CKSN and Kc. IT is "idle updated" on cell B.

Foreseen final state of the MS:
 The MS has no valid TMSI and no CKSN. It is in the "limited service" state on cell A.

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|------|---|----------|
| 1 | | START T_guard(360) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 4 | | +IdleUpdatedCellB(C_Immss, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 5 | | +ltree_body | | | |
| | | ltree_body | | | |
| 6 | | +ltree_switchcelltoA_Cellavail | | | |
| 7 | | +MM_LupRej(C_rc_roamingnot, TimingAdv_r01) | | | 1) |
| 8 | | +Varinit_fixB | | | |
| 9 | | +MM_LupRej(C_rc_roamingnot, TimingAdv_r01) | | | 2) |
| 10 | | +NoReaction(120000) | | | 4) |
| 11 | | +MM_no_paging(Milmsi_01, 3000, TCV_Ccd0B) | | | 3b) |
| 12 | | +Varinit_fixA | | | |
| 13 | | +MM_no_paging(Milmsi_01, 3000, TCV_Ccd0A) | | | 3a) |
| 14 | | +MM_no_cmservices(3000) | | | 4) |
| 15 | | +MM_check_ecall1(TimingAdv_r01, Milmsi_01) | | | 4) |
| 16 | | +ChanRel_end(TCV_ch) | | | |
| | | ltree_switchcelltoA_Cellavail | | | |
| 17 | | +Varinit_fixA | | | |
| 18 | | +LowRfLev_Cellavailable(C_CellB) | | | |

Detailed Comments: 1) Reject of Location Updating with the cause Roaming is not allowed.

MS shall

2) perform normal updating when a new location area is entered.

3a) not respond to paging with TMSI in cell a.

3b) not respond to paging with TMSI in cell b.

4) reject any request from CM entity for MM connection other than for emergency call.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_26_7_4_2_4_3 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | Test purpose 3 To test that at least 6 entries can be held in the list of "forbidden location areas for roaming" (the requirement in TS GSM 04.08 is to store at least 10 entries. This is not fully tested by the this procedure). | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | This testcase includes only the procedure of part 3 of GSM 11.10-1, section 26.7.4.2.4. Initial Conditions of MS: The MS has valid TMSI, CKSN and Kc. IT is "idle updated" on cell B. Foreseen final state of the MS: The MS has no valid TMSI and no CKSN. It is "idle updated" on cell A. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(1020) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 4 | | +IdleUpdatedCellB(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 5 | body | +ltree_switchcelltoA_Cellavail | | | |
| 6 | | +MM_LupRej(C_rc_roamingnot, TimingAdv_r01) | | | 1) |
| 7 | | +Varinit_fixB | | | |
| 8 | | +MM_LupRej(C_rc_roamingnot, TimingAdv_r01) | | | 2) |
| 9 | | +Varinit_fixA | | | |
| 10 | | +ChgLAC_A(C_LAC_3,1, '000'B, '001'B, '011'B, '00'O) | | | |
| 11 | | +MM_LupRej(C_rc_roamingnot, TimingAdv_r01) | | | 2) |
| 12 | | +ltree_continue | | | |
| | | ltree_continue | | | |
| 13 | | +Varinit_fixB | | | |
| 14 | | +ChgLAC_B(C_LAC_4, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 15 | | +MM_LupRej(C_rc_roamingnot, TimingAdv_r01) | | | 2) |
| 16 | | +ChgLAC_A(C_LAC_5, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 17 | | +MM_LupRej(C_rc_roamingnot, TimingAdv_r01) | | | 2) |
| 18 | | +Varinit_fixB | | | |
| 19 | | +ChgLAC_B(C_LAC_6, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 20 | | +MM_LupRej(C_rc_roamingnot, TimingAdv_r01) | | | 2) |
| 21 | | START T_dly(420000) | | | 3) |
| 22 | | ?TIMEOUT T_dly | | P | |
| | | ltree_switchcelltoA_Cellavail | | | |
| 23 | | +Varinit_fixA | | | |
| 24 | | +LowRfLev_Cellavailable(C_CellB) | | | |
| Detailed Comments: | | 1) Reject of Location Updating with the cause Roaming is not allowed. MS shall 2) perform normal updating when a new location area is entered. 3) not perform periodic updating | | | |

| Test Case Dynamic Behaviour | | | | | |
|---|-------|--|------|---|----------|
| Test Case Name: TC_26_7_4_2_4_4 | | | | | |
| Group: GSM_L3_MS_v4170/MM/ | | | | | |
| Purpose: Test purpose 4 | | | | | |
| To test that if a cell of the Home PLMN is available then the MS returns to it in preference to any other available cell. | | | | | |
| Default: OtherEventsFail | | | | | |
| Comments: This testcase includes only the procedure of part 4 of GSM 11.10-1, section 26.7.4.2.4. | | | | | |
| Initial Conditions of MS: The MS has valid TMSI, CKSN and Kc. IT is "idle updated" on cell A. | | | | | |
| Foreseen final state of the MS: The MS has no valid TMSI and no CKSN. It is "idle updated" on cell C. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(960) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC, TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_sacch_C := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellC)) | | | |
| 3 | | +IdleState_3cellMMA(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 4 | | +MM_LUPper(TCV_lac, TimingAdv_r01) | | | 1) |
| 5 | | +ChgLAI_C(C_PLMN_Home, 1, '000'B, '001'B, '011'B, '01'O) | | | 2) |
| 6 | | +MM_LUPperrej(C_rc_roamingnot, TimingAdv_r01) | | | 3) |
| 7 | | +Varinit_fixC | | | |
| 8 | | +MM_LUP3(C_PLMN_Home, TCV_lac, TimingAdv_r01) | | | 4) |
| Detailed Comments: | | | | | |
| 1) Periodic Updating in cell A. | | | | | |
| 2) LAI change to HPLMN | | | | | |
| 3) Reject of Periodic Location Updating with the cause Roaming is not allowed in cell A. | | | | | |
| 4) MS shall periodically search to Home PLMN. | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|----------------------------|-----|----------|
| Test Case Name: | | TC_26_7_4_2_4_5 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | Test purpose 5 To test that if the SIM is removed the list of "forbidden location areas for roaming" is cleared. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | This testcase includes only the procedure of part 5 of GSM 11.10-1, section 26.7.4.2.4. Initial Conditions of MS: The MS has valid TMSI, CKSN and Kc. IT is "idle updated" on cell B. Foreseen final state of the MS: The MS has no valid TMSI and no CKSN. It is "idle updated" on cell A. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_SIMRmv = TRUE] | | | |
| 2 | | START T_guard(720) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +IdleUpdatedCellB(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 6 | body | +Itree_switchcelltoA_Cellavailable | | | |
| 7 | | +MM_LupRej(C_rc_roamingnot, TimingAdv_r01) | | | 1) |
| 8 | | +NoReaction(420000) | | | |
| 9 | | +ImsiDetachNoReaction(3000, C_SIMneedRmv) | | | 2) |
| 10 | | +MM_PwrOrSimOn(C_SIMneedRmv) | | | 3) |
| 11 | | +MM_LupInit2(C_normal_updating, TimingAdv_r01) | | | 4) |
| 12 | | LIDL_DatRqLupAcp | LocAcp_32(TCV_ch, TCV_lac) | (P) | no MI |
| 13 | | +ChanRel_end(TCV_ch) | | | |
| 14 | | [TSPC_SIMRmv = FALSE] | | I | |
| 15 | | Itree_switchcelltoA_Cellavailable +Varinit_fixA | | | |
| 16 | | +LowRfLev_Cellavailable(C_CellB) | | | |
| Detailed Comments: | | 1) Reject of Location Updating in cell B. 2) The SIM is removed. 3) The SIM is inserted 4) The MS shall reset the list of "forbidden location areas for roaming" when SIM is removed. | | | |

| Test Case Dynamic Behaviour | | | | | |
|---|-------|--|----------|-----|----------|
| Test Case Name: TC_26_7_4_3_1 | | | | | |
| Group: GSM_L3_MS_v4170/MM/ | | | | | |
| Purpose: To verify that when during the RR connection establishment phase of a location updating procedure, channel requests are not answered by the network, after expiry of T3213 (= 4s in Phase 2) and when the cell reselection procedure is finished the complete procedure is repeated if still necessary. | | | | | |
| Default: OtherEventsFail | | | | | |
| Comments: Initial Conditions of MS: The MS has valid TMSI, CKSN and Kc. IT is "idle updated" on cell B. Foreseen final state of the MS: The MS has no valid TMSI and no CKSN. It is "idle updated" on cell A. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +IdleState_2cellMM2(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | body | +ltree_switchcelltoA_Cellavailable | | | 1) |
| 7 | | (TCV_Cnt:=0) | | | |
| 8 | | REPEAT ltree_ra UNTIL [TCV_Cnt = (TSPX_MaxRetrans+1)] | | | 2) |
| 9 | | START T_dly(4000) | | | |
| 10 | | ?TIMEOUT T_dly | | (P) | 3) |
| 11 | | +MM_LUP_imsi1(MiTmsi_01, C_lacellB, TCV_lac, TimingAdv_r01) | | | 4) |
| 12 | | +ChanRel(TCV_ch) | | | |
| 13 | | +ltree_switchcelltoB | | | 5) |
| 14 | | (TCV_Cnt:=0) | | | |
| 15 | | REPEAT ltree_ra UNTIL [TCV_Cnt = (TSPX_MaxRetrans+1)] | | | 6) |
| 16 | | +ltree_cellA_available | | | 7) |
| 17 | | START T_dly(15000) | | | |
| 18 | | ?TIMEOUT T_dly | | P | 8) |
| ltree_switchcelltoA_Cellavailable | | | | | |
| 19 | | +Varinit_fixA | | | |
| 20 | | +LowRfLev_Cellavailable(C_CellB) | | | |
| ltree_cellA_available | | | | | |
| 21 | | +Varinit_fixA | | | |
| 22 | | +IncrRfLev_Cellavail(C_CellA) | | | |
| ltree_switchcelltoB | | | | | |
| 23 | | +Varinit_fixB | | | |
| 24 | | +LowRfLev_Cellavailable(C_CellA) | | | |
| 25 | | +IncrRfLev_Cellavail(C_CellB) | | | |
| ltree_ra | | | | | |
| 26 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn, TCV_Cnt := TCV_Cnt + 1) | ChReq_09 | | |
| Detailed Comments: | | | | | |
| 1) MS shall selects cell A, cell B is not available. | | | | | |
| 2) To send Max-Retrans+1 times Channel Requests in cell A | | | | | |
| 3) MS shall not try to establish a connection during a period of a cell reselection (4 seconds). | | | | | |
| 4) MS shall perform a normal location updating procedure as it is necessary. | | | | | |
| 5) Cell A is not available and MS shall switches to cell B | | | | | |
| 6) To send Max-Retrans+1 times Channel Requests in cell B | | | | | |
| 7) Cell A is available again. | | | | | |

8) MS shall not repeat the complete procedure if the original cause of the normal location updating procedure has disappeared.

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_26_7_4_3_2 |
| Group: | GSM_L3_MS_v4170/MM/ |
| Purpose: | To verify that the MS performs normal location updating procedures when its attempt counter is smaller than 4. To check that the MS does not perform the IMSI detach procedure when "idle not updated". To verify that when "idle not updated" the MS can perform an emergency call. To verify that when "idle not updated" the MS uses requests from CM layer other than emergency call as triggering of a normal location updating procedure. To verify that the MS performs a normal location updating procedure if it enters a new cell while being "idle not updated". |
| Default: | OtherEventsFail |
| Comments: | Initial Conditions of MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell A. Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell A. |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|------|---|-----------|
| 1 | | START T_guard(360) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB)) | | | |
| 5 | | +IdleState_2cellMM2(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | body | +ltree_confreq1 | | | 1) |
| 7 | | +ltree_confreq2 | | | 2) |
| 8 | | +ltree_confreq3 | | | 3) |
| 9 | | +ltree_confreq4 | | | 4) |
| 10 | | +ltree_confreq6 | | | 6) |
| 11 | | +ChanRel_end(TCV_ch) | | | |
| | | ltree_confreq1 | | | |
| 12 | | +ltree_Anotsuitable | | | |
| 13 | | +MM_LupRej2(C_rc_protocolerror, MiTmsi_01, C_lacellA, C_normal_updating, TCV_cksn, TimingAdv_r01) | | | 1.1) |
| 14 | | +NoReaction(C_T_T3211min) | | | 1.2) |
| 15 | | +MM_Luplnit(Milmsi_01, C_lacdeleted, C_normal_updating, C_cksn_nokey, TimingAdv_r01) | | | 1.2) |
| 16 | | +Stopmaindcch(TCV_ch, TCV_sacch_B) | | | In cell B |
| 17 | | (TCV_tmp := (C_T_T3211min + C_RadioLinkTimeOut)) | | | |
| 18 | | +NoReaction(TCV_tmp) | | | 1.3) |
| 19 | | (TCV_Null := OM_Reactivate(TCV_ch, TCV_sacch_B)) | | | |
| 20 | | +MM_Luplnit(Milmsi_01, C_lacdeleted, C_normal_updating, C_cksn_nokey, TimingAdv_r01) | | | 1.2) |
| 21 | | +ChanRel(TCV_ch) | | | |
| 22 | | +NoReaction(C_T_T3211min) | | | |
| 23 | | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal_updating, C_cksn_nokey, TCV_cksn, TimingAdv_r01) | | | 1.2) |
| 24 | | +ChanRel(TCV_ch) | | | |
| | | ltree_confreq2 | | | |
| 25 | | +ltree_switchcelltoA_Bnotsuitable | | | |
| 26 | | +MM_LupRej2(C_rc_conditIEerror, MiTmsi_01, C_lacellB, C_normal_updating, TCV_cksn, TimingAdv_r01) | | | 1.2) |
| 27 | | (TCV_Null:=OM_PgFill(C_CellA, PgReqTp1_30(MiTmsi_01))) | | | |
| 28 | | START T_dly(8000) | | | |

| | | | | | |
|----|-------|--|---------------------------------|-----|-----------|
| 29 | loop | ?TIMEOUT T_dly | | (P) | |
| 30 | | +ltree2_send | | | |
| 31 | | +MM_LupRej(C_rc_conditlError, TimingAdv_r01) | | | 2.3) |
| 32 | | GOTO loop | | | |
| | | ltree2_send | | | |
| 33 | | (TCV_Null:=OM_PgFill(C_CellA, PgReqTp1Norm)) | | | |
| 34 | | START T_dly(4000) | | | |
| 35 | loop2 | ?TIMEOUT T_dly | | | |
| 36 | | +lmsiDetachNoReaction(3000, C_SIMneedRmv) | | | |
| 37 | | +MM_PwrOrSimOn(C_SIMneedRmv) | | | |
| 38 | | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal_updating, C_cksn_nokey, TCV_cksn, TimingAdv_r01) | | | |
| 39 | | +ChanRel(TCV_ch) | | | |
| 40 | | +MM_LupRej(C_rc_conditlError, TimingAdv_r01) | | | 2.3) |
| 41 | | GOTO loop2 | | | |
| | | ltree_confreq3 | | | |
| 42 | | +ltree_switchcelltoB_Anotsuitable | | | |
| 43 | | +MM_LupInit(MiTmsi_01, TCV_lac, C_normal_updating, TCV_cksn, TimingAdv_r01) | | | |
| 44 | | START T_dly(C_T_T3210) | | | |
| 45 | | (TCV_Cntstart := FALSE) | | | |
| 46 | | REPEAT ltree_auth UNTIL [TCV_Cntstart = TRUE] | | | 3.1) |
| 47 | | +NoReaction(3000) | | | |
| 48 | | +MM_check_ecall2(Milmsi_01, C_cksn_nokey, TimingAdv_r01) | | | 3.2) |
| 49 | | +ltree_continue | | | |
| | | ltree_continue | | | |
| 50 | | START T_dly(15000) | | | |
| 51 | | ?TIMEOUT T_dly | | (F) | 3.3) |
| 52 | | +ChanRel(TCV_ch) | | | |
| 53 | | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal_updating, C_cksn_nokey, TCV_cksn, TimingAdv_r01) | | | |
| 54 | | +ChanRel(TCV_ch) | | | |
| | | ltree_auth | | | |
| 55 | | L!DL_DatRqAuthRq | AuthReq_30(TCV_ch, TCV_cksn) | | |
| 56 | | L?DL_DatInAuthRes (TCV_Sres := DL_DatInAuthRes.msg.sres) | AuthRes_01 | | |
| 57 | | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDDef), TCV_Cntstart1:= TRUE) | | | |
| 58 | | [TCV_Res = FALSE] | | (F) | |
| 59 | | [TCV_Res = TRUE] | | (P) | |
| 60 | | ?TIMEOUT T_dly | | | |
| 61 | | (TCV_Cntstart := TRUE) | | (P) | |
| | | ltree_confreq4 | | | |
| 62 | | +ltree_switchcelltoA_Bnotsuitable | | | |
| 63 | | +MM_LupInit(MiTmsi_01, C_lacellB, C_normal_updating, TCV_cksn, TimingAdv_r01) | | | |
| 64 | | +Stopmaindcch(TCV_ch, TCV_sacch) | | | In cell A |
| 65 | | +AttmPCall | | | |
| 66 | | (TCV_Null := OM_Reactivate(TCV_ch, TCV_sacch)) | | | |
| 67 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |

| | | | | |
|---|---|---|-----|-------------------------|
| 68 | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal_updating, C_cksnokey, TCV_cksno, TimingAdv_r01) | | | 4.2) |
| 69 | +ChanRel(TCV_ch) | | | |
| 70 | START T_dly(10000) | | | 4.3) |
| 71 | ?TIMEOUT T_dly | | (P) | |
| 72 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | 4.3) |
| 73 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 74 | CANCEL T_dly | | | |
| 75 | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 76 | L?DL_EstInCmsRq | CmserReq_32(MiTmsi_01, C_cksnokey) | (P) | |
| 77 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 78 | +ChanRel(TCV_ch) | | | |
| Itree_confreq6 | | | | |
| 79 | +Itree_switchcelltoB_Anotsuitable | | | |
| 80 | +MM_LupInit(MiTmsi_01, C_lacella, C_normal_updating, C_cksnokey, TimingAdv_r01) | | | |
| 81 | L!DL_DatRqChRel START T_dly(C_T_T3211_80) | ChRel_20(TCV_ch) | | |
| 82 | L?DL_Relln | DLRelInd_01 | (P) | 6.1) |
| 83 | +Itree_switchcelltoA_Bnotsuitable | | | |
| 84 | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal_updating, C_cksnokey, TCV_cksno, TimingAdv_r01) | | | 6.2) |
| 85 | ?TIMEOUT T_dly | | (P) | |
| 86 | +ChanRel(TCV_ch) | | | |
| 87 | ?TIMEOUT T_dly | | (F) | |
| 88 | +ChanRel(TCV_ch) | | | |
| Itree_Anotsuitable | | | | |
| 89 | +Varinit_fixB | | | |
| 90 | +LowRfLev_Cellnotavail(C_CellA) | | | |
| Itree_switchcelltoB_Anotsuitable | | | | |
| 91 | +Varinit_fixB | | | |
| 92 | +ChangeRfLev_2Cells(C_CellB, 63, C_CellA, 53) | | | |
| Itree_switchcelltoA_Bnotsuitable | | | | |
| 93 | +Varinit_fixA | | | |
| 94 | +ChangeRfLev_2Cells(C_CellA, 63, C_CellB, 53) | | | |

Detailed Comments:

- 1) Test of Conformance Requirement 1
 - 1.1) Reject of Location Updating in cell B
 - 1.2) MS shall wait the period of T3211 and restart the normal location updating procedure when the attempt counter is smaller than 4.
 - 1.3) Radio Link Failure extends the period of delay for next location updating.
- 2) Test of Conformance Requirement 2
 - 2.1) Reject of Location Updating in cell A
 - 2.2) MS shall not answer to paging
 - 2.3) All of location updating requests shall be rejected.
 - 2.4) MS shall not perform the IMSI detach procedure.
- 3) Test of Conformance Requirement 3
 - 3.1) Failure during Location Updating in cell A

- 3.2) MS shall support emergency call.
- 3.3) MS shall wait at most 15 sec. for location updating

- 4) Test of Conformance Requirement 4
- 4.1) Failure during Location Updating Procedure
- 4.2) MS shall use a request from Cm entity other than emergency call as a trigger for a normal location updating procedure.
- 4.3) After the Location Updating Procedure MS can (optional) start automatically the Cm entity service again. It is optional and shall be observed only 15 sec.

- 6) Test of Conformance Requirement 6
- 6.1) Failure during Location Updating Procedure
- 6.2) MS shall start the location Updating Procedure as soon as it enters a new cell.

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_26_7_4_3_3 |
| Group: | GSM_L3_MS_v4170/MM/ |
| Purpose: | To verify that the MS performs normal location updating after T3212 expiry when its attempt counter has reached value 4 and that the MS reset its attempt counter after a timer T3212 expiry. To verify that the MS still follows the MM-IDLE ATTEMPTING TO UPDATE state requirements after its attempt counter has reached value 4. To verify that the attempt counter is reset in the cases where it has to be done. |
| Default: | OtherEventsFail |
| Comments: | Initial Conditions of MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell B. Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell A. |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|------|---|----------|
| 1 | | START T_guard(1200) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +IdleState_2cellMM2(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 6 | body | +ltree_part1 | | | 1) |
| 7 | | +ltree_part2 | | | 2) |
| 8 | | +ltree_part3 | | | 3) |
| | | ltree_part1 | | | |
| 9 | | +ltree_switchcelltoA_Bnotsuitable | | | |
| 10 | | +MM_LupRej2(C_rc_congestion, MiTmsi_01, C_lacellB, C_normal_updating, TCV_cksn, TimingAdv_r01) | | | |
| 11 | | +NoReaction(C_T_T3211min) | | | |
| 12 | | +ltree_LupAndStopCh(TCV_sacch) | | | |
| 13 | | +MM_LupInit(Milmsi_01, C_lacdeleted, C_normal_updating, C_cksn_nokey, TimingAdv_r01) | | | |
| 14 | | START T_dly(C_T_T3210) | | | |
| 15 | | (TCV_Cntstart := FALSE) | | | |
| 16 | | REPEAT ltree_auth UNTIL [TCV_Cntstart=TRUE] | | | |
| 17 | | +ltree_part1_2 | | | |
| | | ltree_part1_2 | | | |
| 18 | | +NoReaction(C_T_T3211min) | | | |
| 19 | | +MM_LupInit(Milmsi_01, C_lacdeleted, C_normal_updating, C_cksn_nokey, TimingAdv_r01) | | | |
| 20 | | +ChanRel(TCV_ch) | | | 1.1) |
| 21 | | +NoReaction(C_T_T3212min) | | | |
| 22 | | +MM_LupRej2(C_rc_networkfailure, Milmsi_01, C_lacdeleted, C_normal_updating, C_cksn_nokey, TimingAdv_r01) | | | 1.2) |
| 23 | | +NoReaction(C_T_T3211min) | | | |
| 24 | | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal_updating, C_cksn_nokey, TCV_cksn, TimingAdv_r01) | | | 1.3) |
| 25 | | +ChanRel(TCV_ch) | | | |
| | | ltree_part2 | | | |
| 26 | | +ltree_switchcelltoB_Anotsuitable | | | |
| 27 | | +ltree_increaseATcounter(C_lacella, TCV_sacch_B) | | | |

| | | | |
|----|--|--|-------------------------|
| 28 | +MM_LupRej2(C_rc_notidentified, Milmsi_01, C_lacdeleted, C_normal_updating, C_cksnokey, TimingAdv_r01) | | 2.1) |
| 29 | +MM_check_ecall2(Milmsi_01, C_cksnokey, TimingAdv_r01) | | 2.2) |
| 30 | +ImsiDetachNoReaction(3000, C_SIMIn) | | 7) |
| 31 | +MM_PwrOrSimOn(C_SIMneedRmv) | | |
| 32 | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal_updating, C_cksnokey, TCV_cksno, TimingAdv_r01) | | |
| 33 | +ChanRel(TCV_ch) | | |
| | ltree_part3 | | |
| 34 | +ltree_switchcelltoA_Bnotsuitable | | |
| 35 | +ltree_increaseATcounter(C_lacellB, TCV_sacch) | | |
| 36 | +MM_LupInit(Milmsi_01, C_lacdeleted, C_normal_updating, C_cksnokey, TimingAdv_r01) | | |
| 37 | +Stopmaindcch(TCV_ch, TCV_sacch) | | 3.1) |
| 38 | +AttmpCall | | |
| 39 | (TCV_Null := OM_Reactivate(TCV_ch, TCV_sacch)) | | |
| 40 | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | |
| 41 | +MM_LupInit(Milmsi_01, C_lacdeleted, C_normal_updating, C_cksnokey, TimingAdv_r01) | | 3.2) |
| 42 | +ChanRel(TCV_ch) | | |
| 43 | +ltree_part3_2 | | |
| | ltree_part3_2 | | |
| 44 | +NoReaction(C_T_T3211min) | | |
| 45 | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal_updating, C_cksnokey, TCV_cksno, TimingAdv_r01) | | 3.3) |
| 46 | +ChanRel(TCV_ch) | | |
| 47 | START T_dly(10000) | | |
| 48 | +ltree_part3_3 | | |
| 49 | +ltree_part3_4 | | |
| | ltree_part3_3 | | |
| 50 | ?TIMEOUT T_dly | | |
| 51 | L?DL_RaInChRq(TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | |
| 52 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 53 | CANCEL T_dly | | |
| 54 | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | |
| 55 | L?DL_EstInCmsRq | CmsReq_32(MiTmsi_01, TCV_cksno) | (P) |
| 56 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 57 | LIDL_DatRqCmsRej | CmsRej_30(C_rc_networkfailure, TCV_ch) | |
| 58 | +ChanRel(TCV_ch) | | |
| | ltree_part3_4 | | |
| 59 | +ltree_switchcelltoB_Anotsuitable | | |
| 60 | +ltree_increaseATcounter(C_lacellA, TCV_sacch_B) | | |
| 61 | +MM_LupRej2(C_rc_invalidmaninfo, MiTmsi_01, TCV_lac, C_normal_updating, TCV_cksno, | | 3.4) |

| | | | | | |
|---------------------------|------|---|--------------------|--|------|
| 62 | | TimingAdv_r01) | | | |
| 63 | | +ltree_switchcelltoA_Bnotsuitable | | | 3.5) |
| 64 | | +MM_LupInIt(Milmsi_01, C_lacdeleted, | | | |
| 65 | | C_normal_updating, C_cksnokey, | | | |
| 66 | | TimingAdv_r01) | | | |
| 67 | post | +Stopmaindcch(TCV_ch, TCV_sacch) | | | |
| | | (TCV_Null := OM_Reactivate(TCV_ch, | | | |
| | | TCV_sacch)) | | | 3.6 |
| | | +MM_LUPAuth2(| | | |
| | | MiTmsi_01iei,Milmsi_01, C_lacdeleted, | | | |
| | | TCV_lac, C_normal_updating, | | | |
| | | C_cksnokey, TCV_cksno, | | | |
| | | TimingAdv_r01) | | | |
| | | +ChanRel_end(TCV_ch) | | | |
| | | ltree_increaseATcounter(lac:OCTETSTRING; par: | | | |
| | | LOGICCH) | | | |
| 68 | | +MM_LupRej2(C_rc_notidentified, MiTmsi_01, lac, | | | |
| 69 | | C_normal_updating, TCV_cksno, TimingAdv_r01) | | | |
| 70 | | +NoReaction(C_T_T3211min) | | | |
| 71 | | +ltree_LupAndStopCh(par) | | | |
| 72 | | +MM_LupInIt(Milmsi_01, C_lacdeleted, | | | |
| 73 | | C_normal_updating, C_cksnokey, | | | |
| | | TimingAdv_r01) | | | |
| | | +ChanRel(TCV_ch) | | | |
| | | +NoReaction(C_T_T3211min) | | | |
| | | ltree_LupAndStopCh(par: LOGICCH) | | | |
| 74 | | +MM_LupInIt(Milmsi_01, C_lacdeleted, | | | |
| 75 | | C_normal_updating, C_cksnokey, TimingAdv_r01) | | | |
| 76 | | +Stopmaindcch(TCV_ch, par) | | | |
| 77 | | (TCV_tmp := (C_T_T3211min + | | | |
| 78 | | C_RadioLinkTimeOut)) | | | 1.3) |
| | | +NoReaction(TCV_tmp) | | | |
| | | (TCV_Null := OM_Reactivate(TCV_ch, par)) | | | |
| | | ltree_auth | | | |
| 79 | | L!DL_DatRqAuthRq | AuthReq_30(TCV_ch, | | |
| 80 | | | TCV_cksno) | | |
| 81 | | L?DL_DatInAuthRes (TCV_Sres := | AuthRes_01 | | |
| 82 | | DL_DatInAuthRes.msg.sres) | | | |
| 83 | | (TCV_Res := OC_ChkSRES(TCV_Sres, | | | |
| 84 | | TSPX_Ki, TSPX_RANDDef), TCV_Cntstart1:= | | | |
| 85 | | TRUE) | | | F |
| 86 | | [TCV_Res = FALSE] | | | (P) |
| 87 | | [TCV_Res = TRUE] | | | |
| 88 | | ?TIMEOUT T_dly | | | |
| 89 | | L?DL_DatInAuthRes (TCV_Sres := | AuthRes_01 | | |
| 90 | | DL_DatInAuthRes.msg.sres) | | | |
| 91 | | (TCV_Res := OC_ChkSRES(TCV_Sres, | | | |
| 92 | | TSPX_Ki, TSPX_RANDDef), TCV_Cntstart1:= | | | |
| 93 | | TRUE) | | | |
| | | [TCV_Res = FALSE] | | | F |
| | | [TCV_Res = TRUE] | | | (P) |
| | | (TCV_Cntstart := TRUE) | | | |
| | | ltree_switchcelltoA_Bnotsuitable | | | |
| 90 | | +Varinit_fixA | | | |
| 91 | | +ChangeRfLev_2Cells(C_CellA, 63, C_CellB, 53) | | | |
| | | ltree_switchcelltoB_Anotsuitable | | | |
| 92 | | +Varinit_fixB | | | |
| 93 | | +ChangeRfLev_2Cells(C_CellB, 63, C_CellA, 53) | | | |
| Detailed Comments: | | 1.) To test conformance requirement 1 1.1) Attempt counter is now equal to 4 1.2) MS shall perform location updating after T3212 1.3) MS shall initiate location updating procedure, if the updating was unsuccessful. | | | |

- 2.) To test conformance requirement 2
 - 2.1) Attempt counter is now equal to 4
 - 2.2) MS shall perform request for emergency call
 - 2.3) MS shall not perform an IMSI detach procedure

- 3.) To test conformance requirement 3 and 4
 - 3.1) Attempt counter is now equal to 4
 - 3.2) MS shall use a request from CM entity for MM connection for a service other than emergency call as a trigger for a normal location updating procedure.
 - 3.3) MS shall reset the attempt counter after successful location updating procedure.
 - 3.4) Attempt counter is now equal to 4
 - 3.5) MS shall perform the normal location updating procedure after entering a new cell.
 - 3.6) If the location updating procedure unsuccessful, the MS shall trigger the location updating after T3211 again.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------------|-----|----------|
| Test Case Name: | | TC_26_7_4_3_4 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To verify that in the case when the attempt counter is smaller than 4 and the broadcast LAI is equal to the stored LAI, the MS is in the MM-IDLE state and NORMAL SERVICE substate. To verify that timer T3211 is stopped after a MM connection establishment. To verify that the MS uses the T3211 timer. and that it enters the MM-IDLE state and NORMAL SERVICE substate when its attempt counter reaches value | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell B. Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell B. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(2400) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +Varinit_fixB | | | |
| 5 | | +PreEnterIdleState_07(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 6 | | +ltree_confreq1 | | | 1) |
| 7 | | +ltree_confreq2 | | | 2) |
| 8 | | +ltree_confreq3 | | | 3) |
| 9 | | +ltree_confreq4 | | | 4) |
| 10 | | +ltree_confreq5 | | | 5) |
| 11 | | +ltree_confreq6 | | | 6) |
| | | ltree_confreq1 | | | |
| 12 | | +ltree_LUPperrejstart(C_rc_networkfailure, MiTmsi_01, TCV_lac, TCV_cksn) | | | 1.1) |
| 13 | | +AttmpCall | | | |
| 14 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 15 | | +ltree_cmservinit(MiTmsi_01, TCV_cksn) | | | 1.2) |
| 16 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | (P) | |
| 17 | | +ChanRel(TCV_ch) | | | |
| 18 | | (TCV_n := 2 * C_T_T3211min) | | | |
| 19 | | +NoReaction(TCV_n) | | | 1.3) |
| 20 | | +ImsiDetach(MiTmsi_01, TimingAdv_r01, C_SIMneedRmv) | | | |
| | | ltree_confreq2 | | | |
| 21 | | +ltree_ImsiAttachAndStopCh(TCV_sacch_B, TCV_lac, TCV_cksn) | | | 2.1) |
| 22 | | +AttmpCall | | | |
| 23 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 24 | | +ltree_cmservinit(MiTmsi_01, TCV_cksn) | | | 2.2) |
| 25 | | +Cipherring_on(TCV_ch) | | | |
| 26 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | (P) | |
| 27 | | +ChanRel(TCV_ch) | | | |
| 28 | | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 29 | | +ltree_ImsiAttachAndStopCh(TCV_sacch_B, TCV_lac, TCV_cksn) | | | 2.1) |
| 30 | | +AttmpCall | | | |
| 31 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 32 | | +ltree_cmservinit(MiTmsi_01, TCV_cksn) | | | 2.2) |

| | | | |
|----|---|---|-------------------------|
| 33 | +Ciphering_on(TCV_ch) | | |
| 34 | L?DL_DatInSetup(TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | (P) |
| 35 | +ChanRel(TCV_ch) | | |
| 36 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | |
| 37 | +NoReaction(TCV_n) | | 2.3) |
| | ltree_confreq3 | | |
| 38 | (TCV_tmp := (C_T_T3212 + 15)) | | |
| 39 | +NoReaction(TCV_tmp) | | |
| 40 | +MM_LUPperrej3(MiTmsi_01, 60000, TCV_lac, TCV_cksn, TimingAdv_r01) | | 3.1) |
| 41 | +NoReaction(C_T_T3211min) | | |
| 42 | +MM_LUPperrej2(C_rc_networkfailure, MiTmsi_01, 15000, TCV_lac, TCV_cksn, TimingAdv_r01) | | 3.1) |
| 43 | +NoReaction(C_T_T3211min) | | |
| 44 | +ltree_PerLupAndStopCh(TCV_sacch_B, TCV_lac, TCV_cksn) | | 3.1) |
| 45 | (TCV_tmp := (C_T_T3211min + C_RadioLinkTimeOut)) | | |
| 46 | +NoReaction(TCV_tmp) | | |
| 47 | +MM_LUPperrej3(MiTmsi_01, 30000, TCV_lac, TCV_cksn, TimingAdv_r01) | | 3.1) |
| 48 | +MM_LUPperauth(Milmsi_01, MiTmsi_01iei, C_lacdeleted, TCV_lac, C_normalOrperiodic, C_cksn_nokey, TimingAdv_r01) | | 3.2) |
| 49 | +ChanRel(TCV_ch) | | |
| | ltree_confreq4 | | |
| 50 | +NoReaction(C_T_T3212min) | | |
| 51 | +MM_LUPperrej2(C_rc_networkfailure, MiTmsi_01, 60000, TCV_lac, TCV_cksn, TimingAdv_r01) | | |
| 52 | +NoReaction(C_T_T3211min) | | |
| 53 | +ltree_PerLupAndStopCh(TCV_sacch_B, TCV_lac, TCV_cksn) | | |
| 54 | (TCV_tmp := (C_T_T3211min + C_RadioLinkTimeOut)) | | |
| 55 | +NoReaction(TCV_tmp) | | |
| 56 | +MM_LUPperrej3(MiTmsi_01, 15000, TCV_lac, TCV_cksn, TimingAdv_r01) | | |
| 57 | +NoReaction(C_T_T3211min) | | |
| 58 | +ltree_confreq4_continue | | |
| | ltree_confreq4_continue | | |
| 59 | +MM_LUPperrej2(C_rc_networkfailure, MiTmsi_01, 15000, TCV_lac, TCV_cksn, TimingAdv_r01) | | 4.1) |
| 60 | +AttmpCall | | |
| 61 | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | |
| 62 | +MM_LUP2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, C_lacellB, C_cksn_nokey, TimingAdv_r01) | | 4.2) |
| 63 | START T_dly(10000) | | |
| 64 | L?DL_RaInChRq(TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) CANCEL T_dly | ChReq_02 | 4.3) |
| 65 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 66 | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | |
| 67 | L?DL_EstInCmsRq | CmsrReq_32(| (P) |

| | | | | |
|-----|--|-----------------------------|-----|------------------------|
| 68 | ACTIVATE(OtherEventsFail) | MiTmsi_01, C_cksn_nokey) | | |
| 69 | !IDL_DatRqCmsRej | | | Restore Normal default |
| 70 | +ChanRel(TCV_ch) | CmserRej_04(TCV_c h) | | |
| 71 | ?TIMEOUT T_dly | | (P) | 4.3) |
| 72 | ltree_confreq5 +ImsiDetach(MiTmsi_01, TimingAdv_r01, C_SIMneedRmv) | | | |
| 73 | +ltree_ImsiAttachAndStopCh(TCV_sacch_B, C_lacdeleted, C_cksn_nokey) | | | 5.1) |
| 74 | (TCV_tmp := (C_T_T3211min + C_RadioLinkTimeOut)) | | | |
| 75 | +NoReaction(TCV_tmp) | | | |
| 76 | +ltree_luprej3(MiTmsi_01, C_lacdeleted, C_cksn_nokey) | | | 5.1) |
| 77 | +NoReaction(C_T_T3211min) | | | |
| 78 | +ltree_LUPrej2(C_rc_networkfailure, MiTmsi_01, C_lacdeleted, C_cksn_nokey) | | | 5.1) |
| 79 | +NoReaction(C_T_T3212min) | | | |
| 80 | +MM_LUPperauth(Milmsi_01, MiTmsi_01iei, C_lacdeleted, TCV_lac, C_norm_period_attach, C_cksn_nokey, TimingAdv_r01) | | | 5.3) |
| 81 | +ChanRel(TCV_ch) | | | |
| 82 | ltree_confreq6 +ImsiDetach(MiTmsi_01, TimingAdv_r01, C_SIMneedRmv) | | | |
| 83 | +MM_PwrOrSimOn(C_SIMneedRmv) | | | |
| 84 | +ltree_luprej3(MiTmsi_01, TCV_lac, TCV_cksn) | | | |
| 85 | +NoReaction(C_T_T3211min) | | | |
| 86 | +ltree_LUPrej2(C_rc_networkfailure, MiTmsi_01, TCV_lac, TCV_cksn) | | | |
| 87 | +NoReaction(C_T_T3211min) | | | |
| 88 | +ltree_ImsiAttachAndStopCh(TCV_sacch_B, TCV_lac, TCV_cksn) | | | |
| 89 | (TCV_tmp := (C_T_T3211min + C_RadioLinkTimeOut)) | | | |
| 90 | +NoReaction(TCV_tmp) | | | |
| 91 | +ltree_luprej3(MiTmsi_01, TCV_lac, TCV_cksn) | | | 6.1) |
| 92 | +AttmpCall | | | |
| 93 | +BasicServiceMO(TSPX_MO_B scSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 94 | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal Updating, C_cksn_nokey, TCV_cksn, TimingAdv_r01) | | | 6.2) |
| 95 | +ChanRel(TCV_ch) | | | |
| 96 | +ltree_cmserjinit(MiTmsi_01, TCV_cksn) | | | |
| 97 | !IDL_DatRqCmsRej | CmserRej_04(TCV_c h) | | |
| 98 | +ChanRel(TCV_ch) | | | |
| 99 | ltree_LUPperrejstart(par_rej:REJCAU; par_mi:MI; lac:OCTETSTRING; cksn: BITSTRING) (TCV_tmp := C_T_T3212 + 45000) | | | |
| 100 | +MM_LUPperrej2(par_rej, par_mi, TCV_tmp, lac, cksn, TimingAdv_r01) | | | |
| | ltree_ImsiAttachAndStopCh(par:LOGICCH; | | | |

| | | | | |
|--|---|---|-----|-------------------------|
| 101 | lac:OCTETSTRING; cksn: BITSTRING) [(TSPC_SIMRmv = TRUE) AND (TSPC_DetachOnSIMRmv=TRUE)] | | | |
| 102 | (TCV_Null := OO_SIMIns()) | | | |
| 103 | +ltree_imsiattach(par, lac, cksn) | | | |
| 104 | [TSPC_SwitchOnOff =TRUE] | | | |
| 105 | (TCV_Null := OO_SwitchOn()) | | | |
| 106 | +ltree_imsiattach(par, lac, cksn) | | | |
| 107 | [TSPC_DetachOnPwrDn=TRUE] | | | |
| 108 | (TCV_Null := OO_PowerUp()) | | | Restore power source |
| 109 | +ltree_imsiattach(par, lac, cksn) | | | |
| 110 | [((TSPC_SIMRmv = FALSE) OR (TSPC_DetachOnSIMRmv = FALSE)) AND (TSPC_SwitchOnOff =FALSE) AND (TSPC_DetachOnPwrDn = FALSE)]] | | | Return |
| 111 | (TCV_Null := OO_PowerUp()) | | | Restore power source |
| | ltree_imsiattach(par:LOGICCH; lac:OCTETSTRING; cksn: BITSTRING) | | | |
| 112 | +MM_LupInit(MiTmsi_01, lac, C_imsi_attach, cksn, TimingAdv_r01) | | | |
| 113 | +Stopmaindcch(TCV_ch, par) | | | |
| 114 | (TCV_Null := OM_Reactivate(TCV_ch, par)) | | | |
| | ltree_PerLupAndStopCh(par:LOGICCH; lac:OCTETSTRING; cksn: BITSTRING) | | | |
| 115 | +MM_LupInit(Milmsi_01, lac, C_periodic_updating, cksn, TimingAdv_r01) | | | |
| 116 | +Stopmaindcch(TCV_ch, par) | | | |
| 117 | (TCV_Null := OM_Reactivate(TCV_ch, par)) | | | |
| | ltree_cmservinit(par1: MI; par2: BITSTRING) | | | |
| 118 | START T_dly(15000) | | | |
| 119 | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) CANCEL T_dly | ChReq_02 | | |
| 120 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 121 | LIDL_UdatRqImmss | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 122 | L?DL_EstInCmsRq | CmserReq_32(par1, par2) | (P) | |
| 123 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 124 | ?TIMEOUT T_dly | | (F) | |
| | ltree_LUPrej2(par_rej: REJCAU; par_mi:MI; lac:OCTETSTRING; cksn: BITSTRING) | | | |
| 125 | +MM_LupInit(par_mi, lac, C_imsi_attach, cksn, TimingAdv_r01) | | | |
| 126 | LIDL_DatRqLupRej | LocRej_01(par_rej, TCV_ch) | (P) | |
| 127 | +ChanRel(TCV_ch) | | | |
| | ltree_luprej3(par_mi:MI; lac:OCTETSTRING; cksn: BITSTRING) | | | |
| 128 | +MM_LupInit(par_mi, lac, C_imsi_attach, cksn, TimingAdv_r01) | | | |
| 129 | +ChanRel(TCV_ch) | | | |
| Detailed Comments: | | | | |
| 1) Test of Conformance Requirement 1 | | | | |
| 1.1) failure during a periodic location updating procedure | | | | |
| 1.2) - then the MS shall be able to establish an MM connection | | | | |
| 1.3) - then the MS shall not attempt a location updating procedure | | | | |
| 2) Test of Conformance Requirement 2 | | | | |
| 2.1) failure during imsi attach procedure | | | | |

- 2.2) - then the MS shall be able to establish an MM connection
- 2.3) - then the MS shall not attempt a location updating procedure

3) Test of Conformance Requirement 3

3.1) When a failure during a periodic location updating procedure and the attempt counter is smaller than 4 then the MS shall execute a periodic location updating procedure after T3211 expiry.

3.2) When the attempt counter reaches 4 after T3212 expiry the MS shall make a LUP any type.

4) Test of Conformance Requirement 4

4.1) The attempt counter reaches the value 4

4.2) then the MS shall use a request from CM layer for an emergency call as a trigger for a LUP.

4.3) this part is optional

5) Test of Conformance Requirement 5

5.1) When a failure during an imsi attach procedure and the attempt counter is smaller than 4 then

the MS shall execute a location updating procedure(imsi attach) after T3211 expiry.

5.2) Attempt Counter reaches the value 4

5.3) When the attempt counter reaches 4 after T3212 expiry the MS shall make a normal LUP.

6) Test of Conformance Requirement 6

6.1) Failure during an imsi attach procedure and the attempt counter reaches the value 4.

6.2) then the MS shall use a request from CM layer for an emergency call as a trigger for a LUP.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|-------------------------|
| Test Case Name: | | TC_26_7_4_4 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To verify that the MS aborts the RR-connection at the expiry of timer T3240. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell A. Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell B. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB)) | | | |
| 5 | | +IdleState_2cellMM2(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | body | +Itree_switchcelltoB_Anotsuitable | | | |
| 7 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_09 | | |
| 8 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 9 | | LIDL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 10 | | L?DL_EstInLupRq | LocUp_04(TCV_ch, C_normal_updating, MiTmsi_01) | | |
| 11 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 12 | | START T_dly(C_T_T3240min) | | | |
| 13 | | ?TIMEOUT T_dly | | | |
| 14 | | START T_dly(C_T_T3240tol) | | | |
| 15 | | L?DL_RelIn CANCEL T_dly | DLRelInd_01 | P | 1) |
| 16 | | ?TIMEOUT T_dly | | F | |
| | | Itree_switchcelltoB_Anotsuitable | | | |
| 17 | | +Varinit_fixB | | | |
| 18 | | +ChangeRfLev_2Cells(C_CellB, 63, C_CellA, 53) | | | |
| Detailed Comments: | | 1) MS shall release the L2-Connection after expiring of T3240. | | | |

| Test Case Dynamic Behaviour | | | | | |
|--|-------|--|------|---|-----------------------------------|
| Test Case Name: TC_26_7_4_5_1 | | | | | |
| Group: GSM_L3_MS_v4170/MM/ | | | | | |
| Purpose: | | | | | |
| 1) To check that when the location updating timer is reduced, the timer running in the MS is started with a value depending on the current timer value and the new broadcasted T3212 value. | | | | | |
| 2) To verify that when the MS is reactivated in the same cell (as the one in which it was deactivated), IMSI attach being forbidden, the MS starts the timer T3212 with a value between zero and the broadcasted value | | | | | |
| Default: OtherEventsFail | | | | | |
| Comments: | | | | | |
| Initial Conditions of MS: The MS is deactivated. The stored MCC, MNC and LAC correspond to the broadcasted values. The stored update status is "updated". | | | | | |
| Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell A. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(1200) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +StartCellA(63, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | To insure ATT = 0, no IMSI detach |
| 5 | | +WaitForInService | | | |
| 6 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 7 | | +StartCellA(63, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '05'O, C_noRestablishment) | | | ATT = 1 - IMSI attach allowed |
| 8 | body | +step1 | | | |
| 9 | | +step2 | | | |
| 10 | | +step3 | | | |
| | | step1 | | | |
| 11 | | +ImsiAttach(MiTmsi_01, TimingAdv_r01, C_PLMN_1, C_SIMneedRmv) | | | |
| | | step2 | | | |
| 12 | | START T_dly(180000) | | | |
| 13 | | START T_dly2(C_T_T3212min) | | | 5min.45s. |
| 14 | | ?TIMEOUT T_dly | | | |
| 15 | | +StartCellA(63, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O, C_noRestablishment) | | | 1) |
| 16 | | ?TIMEOUT T_dly2 | | | 2) |
| 17 | | +MM_LUPper2(30000, C_PLMN_1, TCV_lac, TimingAdv_r01) | | | 6min.15. |
| 18 | | +ChanRel(TCV_ch) | | | |
| | | step3 | | | |
| 19 | | +StartCellA(63, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '01'O, C_noRestablishment) | | | ATT = 0 |
| 20 | | START T_dly(5000) | | | |
| 21 | | ?TIMEOUT T_dly | | | |
| 22 | | +MM_PwrOrSimOff(C_SIMneedRmv) | | | |
| 23 | | +MM_PwrOrSimOn(C_SIMneedRmv) | | | |
| 24 | | +MM_LUPper2(420000, C_PLMN_1, TCV_lac, TimingAdv_r01) | | | 3) |
| 25 | | +ChanRel_end(TCV_ch) | | | |
| Detailed Comments: | | | | | |
| 1) Reducing of the timer T3212 | | | | | |
| 2) MS shall use the new value of T3212 for periodic updating. | | | | | |
| 3) MS shall start the periodic location updating between 0 sec. and 6min after switching on of MS. | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|-------------------------|
| Test Case Name: | | TC_26_7_4_5_2 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To verify that the MS stops and resets the timer T3212 of the periodic location updating procedure when: | | | |
| | | <ul style="list-style-type: none"> - the first MM-message is received in the case of MM-connection establishment, ciphering mode being not set, - the MS has responded to paging and the first correct L3 message is received that is not an RR message | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell A. | | | |
| | | Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell A. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(1800) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +ltree_varinitA | | | |
| 5 | | +IdleState_cellA(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '02'O, C_noRestablishment) | | | |
| 6 | body | +AttmpCall | | | |
| 7 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 8 | | START T_dly(705000) | | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 12 | | L?DL_EstInCmsRq | CmsReq_01 | (P) | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | L!DL_DatRqCmsRej | CmsReq_30(C_rc_networkfailure, TCV_ch) | | |
| 15 | | +ChanRel(TCV_ch) | | | |
| 16 | | ?TIMEOUT T_dly | | | |
| 17 | | +MM_LUPper2(30000, C_PLMN_1, TCV_lac, TimingAdv_r01) | | | |
| 18 | | +ChanRel(TCV_ch) | | | |
| 19 | | START T_dly(60000) | | | |
| 20 | | ?TIMEOUT T_dly | | | |
| 21 | | +ltree_continue | | | |
| 22 | | ltree_continue +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 23 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_30(Milmsi_01)) | | |
| 24 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 25 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 26 | | L!DL_UdatRqImmass | ImmAss_01Def(| | |

| | | | |
|--|---|---|---|
| <p>27 28 29 30 31 32 33 34 35</p> | <p>L?DL_EstInPgRes ACTIVATE(OtherEventsFail) +Authentication(TCV_ch, TCV_cks) +ChanRel(TCV_ch) START T_dly(705000) ?TIMEOUT T_dly +MM_LUPper2(30000, C_PLMN_1, TCV_lac, TimingAdv_r01) +ChanRel_end(TCV_ch)</p> <p>ltree_varinitA +Varinit_fixA</p> | <p>TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) PgRes_01</p> | <p>Restore Normal default 1) 2)</p> |
| <p>Detailed Comments: 1) MS shall stop the timer T3212 after receiving of the first L3-message 2) MS shall reset and restart the timer T3212</p> | | | |

| Test Case Dynamic Behaviour | | | | | |
|------------------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_7_4_5_3 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To verify that the MS stops and resets the timer T3212 of the periodic location updating procedure when a Location Updating Accept or a Location Updating Reject message is received. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell A. Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell B. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(1200) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB)) | | | |
| 5 | | +IdleState_2cellMM(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '01'O) | | | |
| 6 | body | +Itree_switchcelltoB_Anotsuitable | | | |
| 7 | | +MM_LUP3(C_PLMN_2, TCV_lac, TimingAdv_r01) | | | 1) |
| 8 | | +NoReaction(345000) | | | |
| 9 | | +MM_LUPper2(30000, C_PLMN_2, TCV_lac, TimingAdv_r01) | | | |
| 10 | | +ChanRel(TCV_ch) | | | |
| 11 | | +ImsiDetach(MiTmsi_01, TimingAdv_r01, C_SIMneedRmv) | | | 2) |
| 12 | | +ImsiAttach(MiTmsi_01, TimingAdv_r01, C_PLMN_2, C_SIMneedRmv) | | | |
| 13 | | +NoReaction(345000) | | | |
| 14 | | +MM_LUPper2(30000, C_PLMN_2, TCV_lac, TimingAdv_r01) | | | |
| 15 | | +ChanRel_end(TCV_ch) | | | |
| 16 | | Itree_switchcelltoB_Anotsuitable +Varinit_fixB | | | |
| 17 | | +ChangeRfLev_2Cells(C_CellB, 63, C_CellA, 53) | | | |
| Detailed Comments: | | 1) MS shall reset the timer T3212 after normal location updating 2) MS shall reset the timer T3212 after IMSI attach procedure. | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_26_7_4_5_4_1 |
| Group: | GSM_L3_MS_v4170/MM/ |
| Purpose: | To verify that when a cell of the HPLMN becomes available, following the successful location request on the VPLMN of the home country and after the first search the mobile has failed to find its HPLMN, that the MS shall perform a location update request on the HPLMN after time T. Where T is the HPLMN Search Period stored in the SIM. |
| Default: | OtherEventsFail |
| Comments: | Initial Conditions of MS: The MS is switched off. The HPLMN Search Period on the SIM shall be set to 6 minutes. The Location Area Information on the SIM is deleted. Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell A. |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|---|-----|-------------------------|
| 1 | | START T_guard(1020) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +IdleState_cellB3(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | 1) |
| 5 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 6 | | +StartCellB_3(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | body | +ltree_continue_body1 | | | |
| | | ltree_continue_body1 | | | |
| 8 | | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 12 | | L?DL_EstInLupRq | LocUp_01(TCV_ch, C_normal_updating) | (P) | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | L!DL_DatRqLupAcp | LocAcp_31(TCV_ch, TCV_lac) | | PLMN2 |
| 15 | | +ChanRel(TCV_ch) | | | |
| 16 | | +NoReaction(480000) | | | |
| 17 | | +ltree_continue_body2 | | | |
| | | ltree_continue_body2 | | | |
| 18 | | +Varinit_fixA | | | |
| 19 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 20 | | +StartCellA(63, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 21 | | START T_dly(480000) | | | |
| 22 | | ?TIMEOUT T_dly | | (F) | |
| 23 | | +MM_LupInit2(C_normal_updating, TimingAdv_r01) | | | |
| 24 | | L!DL_DatRqLupAcp | LocAcp_32(TCV_ch, TCV_lac) | (P) | PLMN1 |
| 25 | | +ChanRel_end(TCV_ch) | | | |

Detailed Comments: 1) Initial condition: LAI deleted, HPLMNsearchperiod=6min

| Test Case Dynamic Behaviour | | | | | |
|---|-------|--|---|-----|-------------------------|
| Test Case Name: TC_26_7_4_5_4_2 Group: GSM_L3_MS_v4170/MM/ Purpose: To verify that no HPLMN Search is performed when the MS is not in automatic mode Default: OtherEventsFail Comments: Initial Conditions of MS: The MS is switched off. The HPLMN Search Period on the SIM shall be set to 6 minutes. The Location Area Information on the SIM is deleted. Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell B. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(420) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +IdleState_cellB3(C_Immass,TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 6 | | +StartCellB_3(C_Immass,TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +ltree_continue_body | | | |
| | | ltree_continue_body | | | |
| 8 | | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 12 | | L?DL_EstInLupRq | LocUp_01(TCV_ch, C_normal_updating) | (P) | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | LIDL_DatRqLupAcp | LocAcp_31(TCV_ch, TCV_lac) | | PLMN2 |
| 15 | | +ChanRel(TCV_ch) | | | |
| 16 | | (TCV_Null := OO_PLMNselModeMan()) | | | 2) |
| 17 | | +Varinit_fixA | | | |
| 18 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 19 | | +StartCellA(63, C_Immass,TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O, C_noReestablishment) | | | 3) |
| 20 | | +NoReaction(420000) | | | |
| Detailed Comments: 1) Initial condition: LAI deleted, HPLMN searchperiod = 6min 2) MS in manual mode. 3) made cell A available. | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|---|-------|---|---|-----|-------------------------|
| Test Case Name: TC_26_7_4_5_4_3 | | | | | |
| Group: GSM_L3_MS_v4170/MM/ | | | | | |
| Purpose: To verify that the MS waits at least 2 minutes and at most T minutes before attempting its first HPLMN Search. | | | | | |
| Default: OtherEventsFail | | | | | |
| Comments: Initial Conditions of MS: The MS is switched off. The HPLMN Search Period on the SIM shall be set to 6 minutes. The Location Area Information on the SIM is deleted. Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated" on cell A. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(480) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +IdleState_cellB3(C_Immass,TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | 1) |
| 5 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 6 | | +StartCellB_3(C_Immass,TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +ltree_continue_body | | | |
| ltree_continue_body | | | | | |
| 8 | | +MM_PwrOrSimOn(C_SIMIn) | | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 12 | | L?DL_EstInLupRq | LocUp_01(TCV_ch, C_normal_updating) | (P) | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | LIDL_DatRqLupAcp | LocAcp_31(TCV_ch, TCV_lac) | | PLMN2 |
| 15 | | +ChanRel(TCV_ch) | | | |
| 16 | | +Varinit_fixA | | | |
| 17 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 18 | | +StartCellA(63, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O, C_noReestablishment) | | | 2) |
| 19 | | +NoReaction(120000) | | | |
| 20 | | START T_dly(360000) | | | 3) |
| 21 | | ?TIMEOUT T_dly | | (F) | |
| 22 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) CANCEL T_dly | ChReq_02 | (P) | |
| 23 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 24 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 25 | | L?DL_EstInLupRq | LocUp_01(TCV_ch, | (P) | |

| | | | | |
|--|--|-------------------------------|-------------------------------|------------------------|
| 26 | | ACTIVATE(OtherEventsFail) | C_normal_updating) | Restore Normal default |
| 27 | | LIDL_DatRqLupA cp | LocAcp_32(TCV_ch, TCV_lac) | PLMN1 |
| 28 | | +ChanRel_end(TCV_ch) | | |
| Detailed Comments: | | | | |
| 1) Initial condition: LAI deleted, HPLMNsearchperiod=6min | | | | |
| 2) made cell A available. | | | | |
| 3) MS shall send the messages on cell A within T minutes. T means HPLMN search period. | | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_26_7_4_6 |
| Group: | GSM_L3_MS_v4170/MM/ |
| Purpose: | <p>1) To check that if the PLU timer expires while the MS is out of coverage, the MS informs the network of its return to coverage.</p> <p>2) To check that the PLU timer is not disturbed by cells of forbidden PLMNs.</p> <p>3) To check that if the PLU timer does not expire while out of coverage and if the mobile returns to the LA where it is updated, the mobile does not inform the network of its return to coverage.</p> |
| Default: | OtherEventsFail |
| Comments: | <p>Initial Conditions of MS: The MS is deactivated. The PLMN of cell B is entered in the SIM's forbidden PLMN list.</p> <p>Foreseen final state of the MS: The MS is "idle updated". The PLMN of cell B is entered in the SIM's forbidden PLMN list.</p> |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|----------|-----|-------------------------|
| 1 | | START T_guard(2100) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB)) | | | |
| 5 | | +StartCellAandB2PLMN(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O, '00'O) | | | |
| 6 | | +ltree_switchcelltoB | | | |
| 7 | | +MM_LupRej2(C_rc_plmn_not, MiTmsi_01, C_laccellA, C_normal_updating, TCV_cksn, TimingAdv_r01) | | | PR 1) |
| 8 | | +ltree_switchcelltoA | | | |
| 9 | | +MM_LUP2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_cksn_nokey, TimingAdv_r01) | | | PR 2) |
| 10 | | +MM_PwrOrSimOff(C_SIMIn) | | | |
| 11 | | +StartCellAandB(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '02'O, '01'O) | | | |
| 12 | | +ltree_continue_body | | | |
| | | ltree_continue_body | | | |
| 13 | | +MM_PwrOrSimOn(C_SIMneedRmv) | | | |
| 14 | | (TCV_Null := OO_PLMNselModeAuto()) | | | 1) |
| 15 | | +ltree_imsiattach | | | 2) |
| 16 | | START T_dly1(705000) | | | 3) |
| 17 | | +NoReaction(60000) | | | |
| 18 | | (TCV_Null := OM_StopCell(C_CellA)) | | | |
| 19 | | +NoReaction(420000) | | | |
| 20 | | +StartCellAandB(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '02'O, '01'O) | | | |
| 21 | | ?TIMEOUT T_dly1 | | (P) | 3) |
| 22 | | START T_dly1(30000) | | | |
| 23 | | ?TIMEOUT T_dly1 | | (F) | 4) |
| 24 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) CANCEL T_dly1 | ChReq_02 | (P) | 4) |
| 25 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 26 | | +ltree_perluprest | | | 4) |
| 27 | | +NoReaction(180000) | | | |
| 28 | | (TCV_Null := OM_StopCell(C_CellA)) | | | |
| 29 | | +ltree_continue | | | |
| | | ltree_continue | | | |

| | | | | |
|---|---|---|-----|-------------------------|
| 30 | +NoReaction(660000) | | | 5) |
| 31 | +StartCellAandB(C_Imm, TCV_slot, TCV_tsc, TimingAdv_r01, 1, '000'B, '001'B, '011'B, '02'O, '01'O) | | | |
| 32 | (TCV_Null := OM_StopCell(C_CellB)) | | | |
| 33 | START T_dly1(180000) | | | |
| 34 | ?TIMEOUT T_dly1 | | (F) | |
| 35 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) CANCEL T_dly1 | ChReq_02 | (P) | 6) |
| 36 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 37 | +ltree_perluprest | | | |
| | ltree_imsiattach | | | |
| 38 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 39 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 40 | LIDL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 41 | L?DL_EstInLupRq | LocUp_01(TCV_ch, C_imsi_attach) | (P) | |
| 42 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 43 | LIDL_DatRqLupAcp | LocAcp_32(TCV_ch, TCV_lac) | | |
| 44 | +ChanRel(TCV_ch) | | | |
| | ltree_perluprest | | | |
| 45 | LIDL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 46 | L?DL_EstInLupRq | LocUp_01(TCV_ch, C_periodic_updating) | (P) | |
| 47 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 48 | LIDL_DatRqLupAcp | LocAcp_32(TCV_ch, TCV_lac) | | |
| 49 | +ChanRel(TCV_ch) | | | |
| | ltree_switchcelltoA | | | |
| 50 | +Varinit_fixA | | | |
| 51 | +IncrRfLev_Cellavail(C_CellA) | | | |
| | ltree_switchcelltoB | | | |
| 52 | +Varinit_fixB | | | |
| 53 | +LowRfLev_Cellnotavail(C_CellA) | | | |
| Detailed Comments: | | | | |
| PR1) Initial condition: The PLMN of cell B is entered in the SIM's forbidden PLMN list. | | | | |
| PR2) Initial condition: Idle updated in cell A. | | | | |
| 1) MS enters in automatic network selection mode. | | | | |
| 2) IMSI attach procedure | | | | |
| 3) Conformance Requirement 1 | | | | |
| Delay for 11 min and 40 seconds. In this time MS may not location update in cell A. | | | | |
| 4) The MS shall execute the periodic location updating after 12 min. | | | | |
| 5) Conformance Requirement 5 | | | | |
| No Reaction in 7 min. In this time MS may not location update in cell B. | | | | |
| 6) The MS shall execute the periodic location updating before 17 min after last periodic LUP. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|--|-------|---|---|-----|-------------------------|
| Test Case Name: TC_26_7_5_2 | | | | | |
| Group: GSM_L3_MS_v4170/MM/ | | | | | |
| Purpose: To verify that the MS can correctly set up an MM connection in an originating CM connection establishment when ciphering mode setting is not required. | | | | | |
| Default: OtherEventsFail | | | | | |
| Comments: Initial Conditions of MS: The MS has valid TMSI. It is "idle updated". Expected values in the SIM card: TMSI: MiTmsi_01, CKSN: TSPX_CKSNDf | | | | | |
| Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated". | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +IdleState_cellA(C_Imm, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 5 | | +AttmpCall | | | |
| 6 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 7 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 8 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 9 | | LIDL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 10 | | L?DL_EstInCmsRq | CmsReq_32(MiTmsi_01, TSPX_CKSNDf) | (P) | |
| 11 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 12 | | +Authentication(TCV_ch, TCV_cks) | | | |
| 13 | | (TCV_Null := OM_CphMdChg(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 14 | | +Ciphering_off2(TCV_ch) | | | |
| 15 | | +ltree_msgs | | | |
| 16 | | +ChanRel_end(TCV_ch) | | | |
| 17 | | ltree_msgs L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | (P) | |
| 18 | | (TCV_ti_v := '000'B) | | | |
| 19 | | +Compute_ti | | | |
| 20 | | LIDL_DatRqRelCmp | RelCmpRq_03(TCV_ti_dest, TCV_ch) | (P) | |
| 21 | | L?DL_DatInRegister | Register_01(TCV_ch, RegisterPdu_01) | | |
| 22 | | L?DL_EstIn | DLEstIn_02 | | |
| 23 | | L?DL_DatInCpData | DatInCpData_01(CpDataPdu_04, TCV_ch) | | |
| 24 | | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_03(TCV_ti_dest), TCV_ch) | | |
| 25 | | L?DL_DatInCpData | DatInCpData_01(CpDataPdu_04, TCV_ch) | | |
| 26 | | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_03(TCV_ti_dest), TCV_ch) | | |

Detailed Comments:

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_26_7_5_3 |
| Group: | GSM_L3_MS_v4170/MM/ |
| Purpose: | To verify that the MS can correctly set up an MM connection in an originating CM connection establishment when ciphering mode setting is not required. |
| Default: | OtherEventsFail |
| Comments: | Initial Conditions of MS: The MS has valid TMSI. It is "idle updated". Foreseen final state of the MS: The MS has valid TMSI. It is "idle updated". |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|---|-----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immss, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +StartCellA(63, C_Immss,TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 5 | | +AttmpCall | | | |
| 6 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 7 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 8 | | ACTIVATE(OtherEventsFail_02) | | | |
| 9 | | L!DL_UdatRqImmss | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | To match ChReq retrans. |
| 10 | | L?DL_EstInCmsRq | CmsReq_01 | (P) | |
| 11 | | ACTIVATE(OtherEventsFail) | | | |
| 12 | | L!DL_DatRqCmsAcp | CmsReq_01(TCV_ch) | | Restore Normal default |
| 13 | | +ltree_msgs | | | |
| 14 | | +ChanRel_end(TCV_ch) | | | |
| | | ltree_msgs | | | |
| 15 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | (P) | |
| 16 | | L?DL_DatInRegister | Register_01(TCV_ch, RegisterPdu_01) | (P) | |
| 17 | | L?DL_DatInCpData (TCV_ti_orig := DL_DatInCpData.msg.ti, TCV_ti_dest.ti_v := TCV_ti_orig.ti_v, TCV_ti_dest.ti_f := '1'B) | DatInCpData_01(CpDataPdu_04,TCV_ch) | | |
| 18 | | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_03(TCV_ti_dest), TCV_ch) | | |
| 19 | | L?DL_DatInCpData | DatInCpData_01(CpDataPdu_04,TCV_ch) | | |
| 20 | | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_03(TCV_ti_dest), TCV_ch) | | |

Detailed Comments:

| Test Case Dynamic Behaviour | | | | | |
|---|-------|--|---|-----|-------------------------|
| Test Case Name: TC_26_7_5_4 | | | | | |
| Group: GSM_L3_MS_v4170/MM/ | | | | | |
| Purpose: To verify that the MS does not send a layer 3 message when the service request is rejected by the SS. | | | | | |
| Default: OtherEventsFail | | | | | |
| Comments: Initial Conditions of MS: The MS has valid TMSI. It is "idle updated". Foreseen final state of the MS: The MS has valid TMSI. It is "idle updated". | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(420) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +IdleState_cellA(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 5 | | +AttmpCall | | | |
| 6 | | +BasicServiceMO(TSPX_MO_BscSvc_Any Call, TSPX_MO_rate_AnyCall) | | | |
| 7 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_02 | | |
| 8 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 9 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 10 | | L?DL_EstInCmsRq | CmserReq_01 | (P) | |
| 11 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 12 | | L!DL_DatRqCmsRej | CmserRej_30(C_rc_reqservoptnotsub, TCV_ch) | | |
| 13 | | +NoReaction(5000) | | | |
| 14 | | +ChanRel_end(TCV_ch) | | | |
| Detailed Comments: | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_26_7_5_5 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To verify that the MS can correctly accept a CM SERVICE REJECT message with reject cause "IMSI unknown in VLR". | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS has valid TMSI. It is "idle updated". Expected values in the SIM card: TMSI: MiTmsi_01, CKSN: TSPX_CKSNDf | | | |
| | | Foreseen final state of the MS: The MS has valid TMSI and CKSN. It is "idle updated". | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +StartCellA(63, C_Immass,TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 5 | | +AttmpCall | | | |
| 6 | | +BasicServiceMO(TSPX_MO_BscSvc_Any Call, TSPX_MO_rate_AnyCall) | | | |
| 7 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 8 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 9 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 10 | | L?DL_EstInCmsRq | CmserReq_32(MiTmsi_01, TSPX_CKSNDf) | (P) | 1) |
| 11 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 12 | | LIDL_DatRqCmsRej | CmserRej_30(C_rc_imsiunknownvlr, TCV_ch) | | |
| 13 | | +ChanRel(TCV_ch) | | | 2) |
| 14 | | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal_updating, C_cksnokey, TCV_cksno, TimingAdv_r01) | | | 3) |
| 15 | | +ChanRel_end(TCV_ch) | | | |
| Detailed Comments: | | <p>1) Conformance Requirement The MS shall be able to correctly set up an MM connection in a Mobile Originating CM connection attempt.</p> <p>2) Conformance Requirement The MS shall wait for the network to release the RR connection</p> <p>3) Conformance Requirement The MS shall be able to perform a location updating procedure.</p> | | | |

| Test Case Dynamic Behaviour | | | | | |
|---|-------|--|---|-----|-------------------------|
| Test Case Name: TC_26_7_5_6 | | | | | |
| Group: GSM_L3_MS_v4170/MM/ | | | | | |
| Purpose: To verify that at T3230 expiry, the MS aborts the MM-connection establishment. | | | | | |
| Default: OtherEventsFail | | | | | |
| Comments: Initial Conditions of MS: The MS has valid TMSI. It is "idle updated". Foreseen final state of the MS: The MS has valid TMSI. It is "idle updated". | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +IdleState_cellA(C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 5 | | +AttmpCall | | | |
| 6 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 7 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_02 | | |
| 8 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 9 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 10 | | L?DL_EstInCmsRq | CmserReq_01 | (P) | |
| 11 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 12 | | +NoReaction(C_T_T3230min) | | | |
| 13 | | L?DL_DatInMmst | MmSt_03(TCV_ch) | (P) | 1) |
| 14 | | +ChanRel_end(TCV_ch) | | | |
| Detailed Comments: 1) The MS shall abort the MM connection after T3230 expiry. | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|-------------------------|
| Test Case Name: | | TC_26_7_5_7_1 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To check that upon reception of an ABORT message with cause #6 during call establishment: | | | |
| | | <ul style="list-style-type: none"> - the MS does not send any layer 3 message. - after reception of an ABORT message and after having been deactivated and reactivated, the MS performs location updating using its IMSI as mobile identity and indicates deleted LAI and CKSN. - the MS does not perform location updating, does not answer to paging with TMSI, rejects any request for mobile originating call except emergency call, does not perform IMSI detach. - the MS accepts a request for emergency call. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS has valid TMSI, CKSN and Kc. IT is "idle updated on cell B". | | | |
| | | Foreseen final state of the MS: The MS has valid TMSI. It is "idle updated" on cell A. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(600) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +IdleState_2cellMM2(C_CellB, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +AttmpCall | | | |
| 7 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 8 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 10 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_r01) | | |
| 11 | | L?DL_EstInCmsRq | CmsrReq_01 | (P) | |
| 12 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 13 | | +Authentication(TCV_ch, TCV_cksn) | | | |
| 14 | | LIDL_DatRqAbrt | Abort_01(TCV_ch, C_rc_illegal_me) | | |
| 15 | | +ltree_continue | | | |
| | | ltree_continue | | | |
| 16 | | +NoReaction(5000) | | | 1) |
| 17 | | +ChanRel(TCV_ch) | | | |
| 18 | | +ltree_switchcelltoA_Bavail | | | |
| 19 | | +NoReaction(5000) | | | 2.1) |
| 20 | | +NoReaction(420000) | | | 2.2) |
| 21 | | +MM_no_paging(MiTmsi_01, 3000, TCV_Ccd0B) | | | 2.3) |
| 22 | | +ltree_continue1 | | | |
| | | ltree_continue1 | | | |
| 23 | | +MM_no_cmsservices(3000) | | | 2.4) |
| 24 | | +MM_check_ecall1(TimingAdv_r01, Milmei_01) | | | 3) |
| 25 | | +ImsiDetachNoReaction(3000, C_SIMneedRmv) | | | 7) |
| 26 | | +MM_PwrOrSimOn(C_SIMneedRmv) | | | |
| 27 | | +MM_LUPauth2(MiTmsi_01iei, Milmsi_01, C_lacdeleted, TCV_lac, C_normal Updating, | | | 4) |

| | | | |
|--|--|--|--|
| 28 | C_cksn_nokey, TCV_cksn, TimingAdv_r01) (TCV_Null := OO_HookOff()) | | |
| 29 | Itree_switchcelltoA_Bavail | | |
| 30 | +Varinit_fixA +LowRfLev_Cellavailable(C_CellB) | | |
| Detailed Comments: After ABORT with the cause_value 'illegal_me' the MS shall | | | |
| 1) Conformance requirement 1: MS shall wait for network command. | | | |
| 2) Conformance requirement 2: 2.1) not perform location updating 2.2) not perform periodic location updating 2.3) not respond to paging with TMSI 2.4) reject any request for MOC establishment with except emergency call. 2.5) not perform IMSI detach. | | | |
| 3) Conformance requirement 3: if it support speech, perform emergency call. | | | |
| 4) Conformance requirement 4: delete stored LAI, CKSN and TMSI | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_7_5_7_2 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To check that when multiple MM connections are established, the MS releases all MM connections upon reception of an ABORT message, in the case when the two MM connections are established for a mobile terminating call and a non call related supplementary service operation. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS is in state U10 of a mobile terminating call. Foreseen final state of the MS: The MS has valid TMSI. It is "idle updated" on cell A. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcC,TSPX_MTChRateC,TSPX_MT_ImmConnC) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_ImmMass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +IdleState_cellA(C_ImmMass,TCV_slot, TCV_tsc, TimingAdv_r01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 6 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +PreEnterCCstateU10_late(TCV_Setup_mt, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_r01) | | | |
| 8 | | (TCV_ti_v := '000'B) | | | 1) |
| 9 | | +Compute_ti | | | |
| 10 | body | +AtrmpNonCallSupp | | | |
| 11 | | +BasicServiceMO(TSPX_MO_BscSvc_NonCallSupplementarySvc, C_Full) | | | |
| 12 | | L?DL_EstInCmsRq | CmserReq_01 | (P) | |
| 13 | | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | | |
| 14 | | L?DL_DatInRegister | Register_01(TCV_ch, RegisterPdu_01) | | |
| 15 | | LIDL_DatRqAbrt | Abort_01(TCV_ch, C_rc_networkfailure) | | 2) |
| 16 | | LIDL_DatRqDisc | DiscSnd(TCV_ch, Disconn_07(TCV_ti_orig)) | | |
| 17 | | L?DL_DatInRelCmp | RelComRcv(Release Cmp_01(TCV_ti_dest)) | (P) | |
| 18 | | +ChanRel_end(TCV_ch) | | | |
| Detailed Comments: | | 1) TI-Value according to the teststep PreEnterCCstateU10(Setup_04) 2) Upon reception of an ABORT-message the MS shall release any ongoing MM connection. | | | |

| Test Case Dynamic Behaviour | | | | | |
|---|-------|---|-----------------------------------|---|----------|
| Test Case Name: TC_26_7_5_8_1 | | | | | |
| Group: GSM_L3_MS_v4170/MM/ | | | | | |
| Purpose: To check that when the network does not include the follow on proceed IE in a LOCATION UPDATING ACCEPT message, a MS that has a CM application request pending does not attempt to establish a new MM connection on that RR connection. | | | | | |
| Default: OtherEventsFail | | | | | |
| Comments: Initial Conditions of MS: The MS has valid TMSI and is deactivated. | | | | | |
| Foreseen final state of the MS: The MS has valid TMSI. It is "idle updated" on cell A. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +StartCellA_MM1(C_Immass, TCV_slot, TCV_tsc, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | att=0 |
| 5 | | +MM_PwrOrSimOff(C_SIMneedRmv) | | | |
| 6 | | +StartCellA_MM1(C_Immass, TCV_slot, TCV_tsc, 1, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | att=1 |
| 7 | body | +ImsiAttachIni(MiTmsi_01, TimingAdv_r01, C_PLMN_1, C_SIMneedRmv) | | | |
| 8 | | +AttmpCall | | | |
| 9 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 10 | | ?TIMEOUT T_dly | | | |
| 11 | | L!DL_DatRqLupAcp | LocAcp(TCV_ch, C_PLMN_1, TCV_lac) | | 2) |
| 12 | | +NoReaction(8000) | | | 3) |
| 13 | post | +ChanRel_end(TCV_ch) | | | |
| Detailed Comments: | | | | | |
| 1) Checking of parameters is not required. | | | | | |
| 2) Follow on proceed IE not included. | | | | | |
| 3) MS shall not send any layer 3 message for 8 seconds after reception of Location Updating Acc. | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|----------------------------|---|----------|
| Test Case Name: | | TC_26_7_5_8_2 | | | |
| Group: | | GSM_L3_MS_v4170/MM/ | | | |
| Purpose: | | To check that when the network includes the follow on proceed IE in a LOCATION UPDATING ACCEPT message, a MS that supports the follow on request procedure and that has a CM application request pending establishes successfully a new MM connection on that RR connection. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | Initial Conditions of MS: The MS has valid TMSI and is deactivated. Foreseen final state of the MS: The MS has valid TMSI. It is "idle updated" on cell A. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_Cella, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +StartCellA_MM1(C_Immass,TCV_slot, TCV_tsc, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | att=0 |
| 5 | | +MM_PwrOrSimOff(C_SIMneedRmv) | | | |
| 6 | | +StartCellA_MM1(C_Immass,TCV_slot, TCV_tsc, 1, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | att=1 |
| 7 | body | +ImsiAttachIni(MiTmsi_01, TimingAdv_r01, C_PLMN_1, C_SIMneedRmv) | | | |
| 8 | | +AttmpCall | | | |
| 9 | | +BasicServiceMO(TSPX_MO_BscSv c_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 10 | | ?TIMEOUT T_dly | | | |
| 11 | | !IDL_DatRqLupAcp | LocAcp_33(TCV_ch, TCV_lac) | | 2) |
| 12 | | [TSPC_followOnReq= FALSE] | | | |
| 13 | | +NoReaction(8000) | | | |
| 14 | | +ChanRel_end(TCV_ch) | | | |
| 15 | | [TSPC_followOnReq = TRUE] | | | |
| 16 | | +CMsrvcRq | | | |
| 17 | post | +ChanRel_end(TCV_ch) | | | |
| Detailed Comments: | | 1) Checking of parameters is not required. 2) Follow on proceed IE included. 3) MS shall send a CM Service Request. 4) According to GSM 11.10 any initial CM message is to expect. | | | |

| Test Case Dynamic Behaviour | | | | | |
|---|-------|---|--------------------------------|-----|----------|
| Test Case Name: TC_26_7_5_8_3 | | | | | |
| Group: GSM_L3_MS_v4170/MM/ | | | | | |
| Purpose: | | | | | |
| 1) To check that a MS that has no CM application request pending sets the Follow-On-Request bit to No follow-on request pending in a LOCATION UPDATING REQUEST message. | | | | | |
| 2) To check that when the network includes the follow on proceed IE in a LOCATION UPDATING ACCEPT message, a MS that has no CM application request pending does not attempt to establish a new MM connection on that RR connection. | | | | | |
| 3) To check that the MS accepts establishment by the network of a new MM connection on the existing RR connection. | | | | | |
| Default: OtherEventsFail | | | | | |
| Comments: Initial Conditions of MS: The MS has valid TMSI and is deactivated. | | | | | |
| Foreseen final state of the MS: The MS has valid TMSI. It is "idle updated" on cell A. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +StartCellA_MM1(C_Immass, TCV_slot, TCV_tsc, 0, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | att=0 |
| 5 | | +MM_PwrOrSimOff(C_SIMneedRmv) | | | |
| 6 | | +StartCellA_MM1(C_Immass, TCV_slot, TCV_tsc, 1, TimingAdv_r01, '000'B, '001'B, '011'B, '00'O) | | | att=1 |
| 7 | body | +ImsiAttachIni(MiTmsi_01, TimingAdv_r01, C_PLMN_1, C_SIMneedRmv) | | | |
| 8 | | L!DL_DatRqLupAcp CANCEL T_dly | LocAcp_33(TCV_ch, TCV_lac) | | 3) |
| 9 | | +NoReaction(5000) | | | 4) |
| 10 | | +BasicServiceMT(TSPX_MTBscSv cC, TSPX_MTChRateC, TSPX_MT_I mmConnC) | | | |
| 11 | | L!DL_DatRqSetup | SetupSnd(TCV_ch, TCV_Setup_mt) | | |
| 12 | | L?DL_DatInCallCo | CallCfm_01 | | |
| 13 | | +ChanRel_end(TCV_ch) | | | |
| 14 | | L?DL_DatInRelCmp | RelCmp_02(TI_01) | | |
| 15 | | +ChanRel_end(TCV_ch) | | (P) | |
| Detailed Comments: | | | | | |
| 1) Checking of parameters is not required. | | | | | |
| 2) The FOR bit is set to No follow-on request pending | | | | | |
| 3) Follow on proceed IE included. | | | | | |
| 4) MS shall not send any layer 3 message for 5 seconds after reception of Location Updating Acc. | | | | | |

Test Group CC

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|-------------------------|
| Test Case Name: | | TC_26_8_1_2_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that upon initiation of an outgoing basic call by user the MS initiates establishment of an MM connection, using as first MM message a CM-SERVICE REQUEST message with CM service type "Mobile originating call establishment or packet mode connection establishment". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | body | +AttmpCall | | | |
| 8 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq(ChRequest_19) | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L!DL_UdatRqImmass | ImmAss(C_AGCH_A_1, ImmAsgn_10(TCV_Rr, TCV_Fn, '00001'B, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01)) | | 1. |
| 12 | | L?DL_EstInCmsRq | CMSerReq(CMSerReq_04) | | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | +CheckTIsInStateU0(TRUE, TCV_chTch) | | | |
| 15 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To assign TCH/F channel. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-----------------------------------|---|----------|
| Test Case Name: | | TC_26_8_1_2_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of the MS in CC-state U0.1, "MM-connection pending", upon the MS receiving a CM SERVICE REJECT message, returns to CC state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcA, TSPX_MOChRateA) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU01_21(TimingAdv_01) | | | |
| 6 | body | !IDL_DatRqCmsRej | CMSerRej(TCV_ch, CMServiceRej_01) | | 2. |
| 7 | | +CheckTlInStateU0(TRUE, TCV_ch) | | | |
| 8 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. To reject the CM-SERVICE REQUEST. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-----------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_2_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of the MS in CC-state U0.1, "MM-connection pending", upon the MS receiving a CM SERVICE ACCEPT message, sends a SETUP message specifying the Called party BCD number that was entered into the MS and then enters CC state U1, "Call initiated". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcB, TSPX_MOChRateB) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 7, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU01_21(TimingAdv_01) | | | |
| 6 | body | !IDL_DatRqCmsAcp | CMSerAcp(TCV_ch, CMServiceAcp_01) | | |
| 7 | | L?DL_DatInSetup (TCV_TI := DL_DatInSetup.msg.ti, TCV_TI.ti_f := '1'B, TCV_CalledNum := DL_DatInSetup.msg.cdpn) | SetupRcv(SetupInd_01) | | 2. |
| 8 | | (TCV_Res := OO_CalledPtyNumCHK(TCV_CalledNum)) | | | |
| 9 | | [TCV_Res = FALSE] | | (F) | 3. |
| 10 | | +PostMainLinkRel(TCV_ch) | | | |
| 11 | | [TCV_Res = TRUE] | | (P) | |
| 12 | | +CCstatuschk_05(C_U1, TCV_TI, TCV_ch) | | | 4. |
| 13 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. To receive the SETUP message with called party BCD number. The called party number contained in the SETUP message is not the one entered. To check whether the MS is in state U1. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_8_1_2_2_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that after the MS with a CC entity in state U0.1, "MM-connection pending", has detected a lower layer failure and has returned to idle mode, the CC entities relating to the seven mobile originating transaction identifiers are in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcC, TSPX_MOChRateC) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU01_21(TimingAdv_01) | | | |
| 6 | body | +LowerLayerFailure(TCV_ch) | | | |
| 7 | | START T_dly(20000) | | | |
| 8 | | ?TIMEOUT T_dly | | | |
| 9 | | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | |
| 10 | | +CheckTIsInStateU0(TRUE, TCV_ch) | | | |
| 11 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | 1. To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-----------------------------------|---|----------|
| Test Case Name: | | TC_26_8_1_2_3_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of the MS in CC-state U1, "Call initiated", upon receipt of a CALL PROCEEDING message, enters CC state U3, "Mobile originating call proceeding". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcD, TSPX_MOChRateD) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU1_22(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | (TCV_CallProc := OC_CallProcGen(TCV_Setup_mo, CallProced_03)) | | | |
| 7 | | L!DL_DatRqCallProc | CallProc(TCV_chTch, TCV_CallProc) | | |
| 8 | | +CCstatuschk_05(C_U3, TCV_TI, TCV_chTch) | | | 2. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. 2. Check that CC state is U3. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_26_8_1_2_3_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that a CC entity of the MS in CC-state U1, "Call initiated", upon receipt of a RELEASE COMPLETE message with valid cause value, enters CC state U0, "Null". 2) To verify that in returning to idle mode, the CC entities relating to the seven mobile originating transaction identifiers are in state U0, "Null". 3) To verify that in releasing the MM-connection, the MS shall wait for MM layer release initiated by SS. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | 1. |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcE, TSPX_MOChRateE) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU1_22(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqRelCmp | RelComSnd(TCV_chTch, ReleaseCmp_04(TCV_TI)) | | |
| 7 | | +CheckTIsInStateU0(TRUE, TCV_chTch) | | | |
| 8 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_8_1_2_3_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of the MS in CC-state U1, "Call initiated", upon expiry of T303 (accuracy +/- 20% between reception of CM-SERVICE REQUEST and DISCONNECT by SS) sends a DISCONNECT message to its peer entity and enters state U11, "Disconnect request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | 1. |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcF, TSPX_MOChRateF) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU1_22Timer(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L?DL_DatInDisc (TCV_Fn1 := DL_DatInDisc.fn) READTIMER T_dly(TCV_Time), CANCEL T_dly | DiscRcv(TCV_chTch, Disconn_05(TCV_TI0)) | (P) | |
| 7 | | [(TCV_Time < 24000) OR (TCV_Time >= 36000)] | | (F) | |
| 8 | | +PostMainLinkRel(TCV_chTch) | | | |
| 9 | | [(TCV_Time >= 24000) AND (TCV_Time < 36000)] | | (P) | |
| 10 | | +CCstatuschk_05(C_U11, TCV_TI, TCV_chTch) | | | |
| 11 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_26_8_1_2_3_4 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that after the MS with a CC entity in state U1 "Call initiated", has detected a lower layer failure and has returned to idle mode, the CC entities relating to the seven mobile originating transaction identifiers are in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcG, TSPX_MOChRateG) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU1_24(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | 2. |
| 6 | body | +LowerLayerFailure(TCV_ch) | | | 3. |
| 7 | | START T_dly(20000) | | | |
| 8 | | ?TIMEOUT T_dly | | | 4. |
| 9 | | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | |
| 10 | | +CheckTIsInStateU0(TRUE, TCV_ch) | | | 5. |
| 11 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. 2. To bring the MS into U1 state. 3. A layer failure generated in the test system. 4. Waiting for the MS return to idle state. 5. To check that CC entities related to all transaction identifiers are return to idle. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|----------|
| Test Case Name: | | TC_26_8_1_2_3_5 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of the MS in CC-state U1, "Call initiated", upon receipt of an ALERTING message, enters CC state U4, "Call delivered". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcH, TSPX_MOChRateH) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU1_24(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | !IDL_DatRqAlert | AlertSnd(TCV_chTch, Alerting_01(TCV_TI)) | | |
| 7 | | +CCstatuschk_05(C_U4, TCV_TI, TCV_chTch) | | | |
| 8 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_26_8_1_2_3_6 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of the MS in CC-state U1, "Call initiated", upon receipt of a CONNECT message, sends a CONNECT ACKNOWLEDGE message to its peer entity and enters CC state U10, "Active". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBScSvcI, TSPX_MOChRateI) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU1_24(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqConn | ConnSnd(TCV_chTch | | |
| 7 | | L?DL_DatInConnAck | Connect_02(TCV_TI) ConnAckRcv(Connect Ack_02(TCV_TI0)) | | |
| 8 | | +CCstatuschk_05(C_U10, TCV_TI, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_3_7 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of the MS in CC-state U1, "Call initiated", upon receipt of a message with message type not defined for the protocol discriminator unknown message from its peer entity returns a STATUS message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBScSvcJ, TSPX_MOChRateJ) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU1_21(TimingAdv_01) | | | |
| 6 | body | L!DL_DatRqUndefCC | Undef(TCV_ch, UndefCC_02(TCV_TI)) | | 2. |
| 7 | | L?DL_DatInCcst | CCStatusRcv(CCStat us_08(TCV_TI0, C_U1)) | (P) | 3. |
| 8 | | +CCstatuschk_05(C_U1, TCV_TI, TCV_ch) | | | 4. |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | 1. To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. 2. Message type not defined for CC. 3. The expected STATUS message received. 4. To check whether the MS is still in CC state U1. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_26_8_1_2_4_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding", upon receipt of a ALERTING message enters CC-state U4, "Call Delivered". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | 1. |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcA, TSPX_MOChRateA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU3_22(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | !DL_DatRqAlert | AlertSnd(TCV_chTch, Alerting_01(TCV_TI)) | | |
| 7 | | +CCstatuschk_05(C_U4, TCV_TI, TCV_chTch) | | | |
| 8 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_4_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding", upon receipt of a CONNECT message returns a "CONNECT ACKNOWLEDGE" message to its peer entity and enters the CC state U10, "Active". 2) To verify that the MS stops locally generated indication, if any. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | 1. |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcB, TSPX_MOChRateB) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU3_22(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | !DL_DatRqConn | ConnSnd(TCV_chTch, Connect_02(TCV_TI)) | | |
| 7 | | (TCV_Res := OO_ToneStopCHK()) | | | |
| 8 | | [TCV_Res = TRUE] | | (P) | |
| 9 | | L?DL_DatInConnAck | ConnAckRcv(Connect Ack_02(TCV_TI0)) | | |
| 10 | | +CCstatuschk_05(C_U10, TCV_TI, TCV_chTch) | | | |
| 11 | | +PostMainLinkRel(TCV_chTch) | | | |
| 12 | | [TCV_Res = FALSE] | | (F) | |
| 13 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_4_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding", upon receipt of a PROGRESS message with valid cause values stays in CC-state U3. 2) To verify that after receipt of the PROGRESS message timer T310 is stopped. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcC, TSPX_MOChRateC) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU3_22(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqProg | Progress(TCV_chTch, Progress_01(TCV_TI)) | | |
| 7 | | +CCstatuschk_05(C_U3, TCV_TI, TCV_chTch) | | | 2. |
| 8 | | START T_dly(45000) | | | 3. |
| 9 | | L?DL_DatInDisc CANCEL T_dly | DiscRcv(TCV_chTch, Disconn_05(TCV_TI0)) | (F) | |
| 10 | | +PostMainLinkRel(TCV_chTch) | | | |
| 11 | | ?TIMEOUT T_dly | | | |
| 12 | | +CCstatuschk_05(C_U3, TCV_TI, TCV_chTch) | | | 4. |
| 13 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select2 a circuit switched basic service for testing. 2. To check that CC state is U3 3. To check that the MS has stopped T310. 4. To check that CC state is still U3 | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_4_4 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding", upon receipt of a PROGRESS message indicating in-band announcement through-connects the traffic channel for speech, if TCH is in speech mode. If TCH is not in a speech mode, the MS does not through-connect the TCH. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcD, TSPX_MOChRateD) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU3_22(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqProg | Progress(TCV_chTch, Progress_02(TCV_TI)) | | |
| 7 | | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 8 | | [TCV_ChMod.mode = C_ChMod_r] | | | 2. |
| 9 | | [TCV_Res = TRUE] | | (P) | |
| 10 | | +localtree | | | |
| 11 | | [TCV_Res = FALSE] | | (F) | |
| 12 | | +PostMainLinkRel(TCV_chTch) | | | |
| 13 | | [TCV_ChMod.mode<> C_ChMod_r] | | | 3. |
| 14 | | [TCV_Res = FALSE] | | (P) | |
| 15 | | +localtree | | | |
| 16 | | [TCV_Res = TRUE] | | (F) | |
| 17 | | +PostMainLinkRel(TCV_chTch) | | | |
| | | localtree | | | |
| 18 | | +CCstatuschk_05(C_U3, TCV_TI, TCV_chTch) | | | 4. |
| 19 | | START T_dly(45000) | | | 5. |
| 20 | | L?DL_DatInDisc CANCEL T_dly | DiscRcv(TCV_chTch, Disconn_05(TCV_TI0)) | (F) | |
| 21 | | +PostMainLinkRel(TCV_chTch) | | | |
| 22 | | ?TIMEOUT T_dly | | | |
| 23 | | +CCstatuschk_05(C_U3, TCV_TI, TCV_chTch) | | | 6. |
| 24 | | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 25 | | [TCV_ChMod.mode = C_ChMod_r] | | | 7. |
| 26 | | [TCV_Res = TRUE] | | (P) | |
| 27 | | +PostMainLinkRel(TCV_chTch) | | | |
| 28 | | [TCV_Res = FALSE] | | (F) | |
| 29 | | +PostMainLinkRel(TCV_chTch) | | | |
| 30 | | [TCV_ChMod.mode<> C_ChMod_r] | | (P) | |
| 31 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a circuit switched basic service for testing. 2. To check if the TCH is connected through if the channel mode is speech, so that the inband information may be heard. 3. To check if the TCH is not connected through if the channel mode is not speech. 4. To check that CC is in state U3. 5. To check that the MS has stopped T310 6. To check that CC is still in state U3. 7. To check if the TCH is connected through if the channel mode is speech. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_4_5 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding", upon receipt of a DISCONNECT with progress indicator #8 through-connects the speech channel to make in-band announcements available, if traffic channel is in speech mode. If TCH is not in speech mode, the MS sends a RELEASE message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcE, TSPX_MOChRateE) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU3_22(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_04(TCV_TI)) | | |
| 7 | | [TCV_ChMod.mode = C_ChMod_r] | | | |
| 8 | | (TCV_Res := OO_TCHthroConnCHK()) | | | |
| 9 | | [TCV_Res = TRUE] | | (P) | 2. |
| 10 | | +CCstatuschk_05(C_U12, TCV_TI, TCV_chTch) | | | 3. |
| 11 | | +PostMainLinkRel(TCV_chTch) | | | |
| 12 | | [TCV_Res = FALSE] | | (F) | |
| 13 | | +PostMainLinkRel(TCV_chTch) | | | |
| 14 | | [TCV_ChMod.mode <> C_ChMod_r] | | | |
| 15 | | L?DL_DatInRel | ReleaseRcv(Release_10(TCV_TI0)) | (P) | |
| 16 | | +CCstatuschk_05(C_U19, TCV_TI, TCV_chTch) | | | 4. |
| 17 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a circuit switched basic service for testing. 2. To check that the TCH is connected through if channel mode is speech. 3. To check that CC is in state U12. 4. To check that CC is in state U19. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|----------|
| Test Case Name: | | TC_26_8_1_2_4_6 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding", upon receipt of a DISCONNECT without progress indicator returns a RELEASE message and enters the CC-state U19, "Release Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcF, TSPX_MOChRateF) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU3_22(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 7 | | L?DL_DatInRel | ReleaseRcv(Release_10(TCV_TI0)) | | |
| 8 | | +CCstatuschk_05(C_U19, TCV_TI, TCV_chTch) | | | 2. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. 2. To check that CC is in state U19. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_8_1_2_4_7 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | <ol style="list-style-type: none"> To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding", upon receipt of a RELEASE will return a RELEASE COMPLETE and enter the CC-state U0, "Null". To verify that the MS on returning to the idle mode releases the MM-connection and that the CC-entities relating to the seven mobile originating transaction identifiers are in CC-state U0, "Null". To verify that in releasing the MM-connection, the MS shall wait for MM layer release initiated by SS. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcG, TSPX_MOChRateG) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU3_22(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqRel | ReleaseSnd(TCV_chTch, Release_03(TCV_TI)) | | |
| 7 | | L?DL_DatInRelCmp | RelComRcv(ReleaseCmp_03(TCV_TI0)) | (P) | |
| 8 | | +CheckTlInStateU0(TRUE, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--------------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_2_4_8 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding", upon request by the user to terminate will send a DISCONNECT message and enter the CC-state U11, "Disconnect Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcH, TSPX_MOChRateH) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU3_23(TimingAdv_01) | | | 2. |
| 6 | body | +TermCall | | | |
| 7 | | L?DL_DatInDisc | DiscRcv(TCV_ch, Disconn_05(TCV_TI0)) | (P) | 3. |
| 8 | | +CCstatuschk_05(C_U11, TCV_TI, TCV_ch) | | | 4. |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a circuit switched basic service for testing. 2. To initiate MO call and bring the MS into U3 state. 3. The expected DISCONNECT received. 4. To check whether the MS is in CC state U11. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_26_8_1_2_4_9 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding", when allocated a traffic channel by the network performing the assignment procedure, performs a layer 2 establishment on the FACCH without changing the state of the call in progress. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcI, TSPX_MOChRateI) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +PreEnterCCstateU3_23(TimingAdv_01) | | | |
| 6 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | body | +CCAssignTCH(TSPX_TmSlitDef, TSPX_TscDef) | | | |
| 8 | | +CCstatuschk_05(C_U3, TCV_TI, TCV_chTch) | | | 3. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. The assignment procedure succeeds. 3. To check that the MS is in state U3. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_4_10 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding" will, upon expiry of timer T310, initiate call release by sending DISCONNECT and enter the CC-state U11, "Disconnect Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcJ, TSPX_MOChRateJ) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +PreEnterCCstateU3_23(TimingAdv_01) | | | 2. |
| 6 | body | START T_dly1(45000) | | | |
| 7 | | ?TIMEOUT T_dly1 | | (F) | 3. |
| 8 | | +PostMainLinkRel(TCV_ch) | | | |
| 9 | | L?DL_DatInDisc | | | |
| 10 | | READTIMER T_dly1(TCV_Time), CANCEL T_dly1 | DiscRcv(TCV_ch, Disconn_05(TCV_TI0) | | |
| 11 | | [TCV_Time < 29400] | | (F) | 4. |
| 12 | | +PostMainLinkRel(TCV_ch) | | | |
| 13 | | [TCV_Time >= 29400] | | (P) | |
| 14 | | +CCstatuschk_05(C_U11, TCV_TI, TCV_ch) | | | 5. |
| 15 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. To initiate MO call and bring the MS into U3 state. 3. T310 >= 45 seconds, fail. 4. T310 < 29.4 seconds, fail. 5. To check that the MS is in the state U11. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_26_8_1_2_4_11 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding" having detected a lower layer failure and having returned to idle mode, the CC entities relating to the seven mobile originating transaction identifiers are in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcA, TSPX_MOChRateA) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU3_24(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | +LowerLayerFailure(TCV_ch) | | | |
| 7 | | START T_dly(20000) | | | |
| 8 | | ?TIMEOUT T_dly | | | 3. |
| 9 | | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | |
| 10 | | +CheckTIsInStateU0(TRUE, TCV_ch) | | | 4. |
| 11 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. 2. To setup the full rate or half rate traffic channel and BCCH, CCCH for the test. 3. Waiting for the MS return to idle state. 4. To check that CC entities related to all transaction identifiers are return to idle. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_8_1_2_4_12 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U3, "Mobile Originating Call Proceeding" having received an unknown message from its peer entity returns a STATUS message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcB, TSPX_MOChRateB) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +PreEnterCCstateU3_21(TimingAdv_01) | | | |
| 6 | body | L!DL_DatRqUndefCC | Undef(TCV_ch, UndefCC_02(TCV_TI)) | | 2. |
| 7 | | L?DL_DatInCcst | CCStatusRcv(CCStatus_08(TCV_TI0, C_U3)) | (P) | 3. |
| 8 | | +CCstatuschk_05(C_U3, TCV_TI, TCV_ch) | | | 4. |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. To send a message which type is not defined for the CC. 3. The expected STATUS message received. 4. To check whether the MS is still in the CC state U3. | | | |

| Test Case Dynamic Behaviour | | | | | | |
|-----------------------------|-------|---|---------------------------------------|-----|--|----|
| Test Case Name: | | TC_26_8_1_2_4_13 | | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | | |
| Purpose: | | To verify that if the user connection is not attached to the radio path, the MS generates internally an alerting indication when the call control entity of the MS in the "mobile originating call proceeding" state receives an ALERTING message then it enters "call delivered" state and, for speech calls, if the user connection is not attached to the radio path, the MS shall internally generate an alerting indication. | | | | |
| Default: | | OtherEventsFail | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments | |
| 1 | | START T_guard(300) | | | | |
| 2 | | (TCV_Service := C_Telephony, TCV_ChRate :=C_Full) | | | TC only applicable to MS which support MO telephony. | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | | |
| 5 | | +PreEnterCCstateU3_21(TimingAdv_01) | | | | |
| 6 | body | L!DL_DatRqAlert | AlertSnd(TCV_ch, Alerting_01(TCV_TI)) | | | |
| 7 | | (TCV_Res := OO_AltIndCHK()) | | | | |
| 8 | | [TCV_Res = TRUE] | | (P) | | 1. |
| 9 | | +CCstatuschk_05(C_U4, TCV_TI, TCV_ch) | | | | 2. |
| 10 | | +PostMainLinkRel(TCV_ch) | | | | |
| 11 | | [TCV_Res = FALSE] | | (F) | | 3. |
| 12 | | +PostMainLinkRel(TCV_ch) | | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. The Ms generates a alerting indication to the user. 2. To check whether the MS is in CC state U4. 3. The MS does not generate a alerting indication to the user. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_5_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U4, "Call Delivered", upon receipt of the CONNECT message returns a CONNECT ACKNOWLEDGE to its peer entity and enters the CC-state U10, "Active". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcC, TSPX_MOChRateC) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU4_23(TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01) | | | |
| 7 | body | L!DL_DatRqConn | ConnSnd(TCV_chTch, Connect_02(TCV_TI)) | | |
| 8 | | L?DL_DatInConnAck | ConnAckRcv(Connect Ack_02(TCV_TI0)) | (P) | 2. |
| 9 | | (TCV_Res := OO_AltIndCHK()) | | | |
| 10 | | [TCV_Res = TRUE] | | | |
| 11 | | +PostMainLinkRel(TCV_chTch) | | (F) | 3. |
| 12 | | [TCV_Res = FALSE] | | (P) | 4. |
| 13 | | +CCstatuschk_05(C_U10, TCV_TI, TCV_chTch) | | | 5. |
| 14 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To set a physical channel as BCCH, CCCH and SDCCH4. 2. The expected CONNECT ACKNOWLEDGE received. 3. Alerting does not stop. 4. Alerting stopped. 5. To check whether the MS is in state U10. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_8_1_2_5_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U4, "Call Delivered", upon request by the user to terminate will send a DISCONNECT message and enter the CC-state U11, "Disconnect Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcD, TSPX_MOChRateD) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU4_23(TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01) | | | |
| 7 | body | +TermCall | | | |
| 8 | | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TCV_TI0)) | (P) | 2. |
| 9 | | +CCstatuschk_05(C_U11, TCV_TI, TCV_chTch) | | | 3. |
| 10 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. The expected DISCONNECT message received. 3. To check whether the MS enters into the state U11. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_5_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U4, "Call Delivered", upon receipt of a DISCONNECT with a progress indicator indicating in-band information, through-connects the speech channel to make in-band announcements available, if traffic channel is in speech mode. If TCH is not in speech mode, the MS shall send a RELEASE message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcE, TSPX_MOChRateE) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +PreEnterCCstateU4_22(C_Immass, TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_04(TCV_TI)) | | |
| 7 | | [TCV_ChMod.mode = C_ChMod_r] | | | |
| 8 | | +CCstatuschk_05(C_U12, TCV_TI, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| 10 | | [TCV_ChMod.mode <> C_ChMod_r] | | | |
| 11 | | L?DL_DatInRel | ReleaseRcv(Release_10(TCV_TI0)) | (P) | |
| 12 | | +CCstatuschk_05(C_U19, TCV_TI, TCV_chTch) | | | |
| 13 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_5_4 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U4, "Call Delivered", upon receipt of a DISCONNECT without progress indicator, returns a RELEASE message and enters the CC-state U19, "Release Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcF, TSPX_MOChRateF) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU4_22(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 7 | | L?DL_DatInRel | ReleaseRcv(Release_10(TCV_TI0)) | (P) | |
| 8 | | +CCstatuschk_05(C_U19, TCV_TI, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_8_1_2_5_5 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that a CC-entity of the MS in CC-state U4, "Call Delivered", upon receipt of the RELEASE message will respond with the RELEASE COMPLETE message and enter the CC-state U0, "Null" 2) To verify that the MS on returning the idle mode releases the MM-connection and that the CC-entities relating to the seven mobile originating transaction identifiers are in CC-state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcG, TSPX_MOChRateG) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU4_22(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqRel | ReleaseSnd(TCV_chTch, Release_03(TCV_TI)) | | |
| 7 | | L?DL_DatInRelCmp | RelComRcv(ReleaseCmp_03(TCV_TI0)) | (P) | |
| 8 | | +CheckTlInStateU0(TRUE, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_26_8_1_2_5_6 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U4, "Call Delivered" having detected a lower layer failure and has returned to idle mode, the CC-entities relating to the seven mobile originating transaction identifiers are in CC-state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcH, TSPX_MOChRateH) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU4_22(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | +LowerLayerFailure(TCV_ch) | | | |
| 7 | | START T_dly(20000) | | | |
| 8 | | ?TIMEOUT T_dly | | | |
| 9 | | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | |
| 10 | | +CheckTIsInStateU0(TRUE, TCV_ch) | | | |
| 11 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_8_1_2_5_7 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U4, "Call Delivered", when allocated a traffic channel by the network performing the assignment procedure, shall perform a layer 2 establishment on the FACCH without changing the state of the call in progress. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcI, TSPX_MOChRateI) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU4_21(TimingAdv_01) | | | 2. |
| 7 | body | +CCAssignTCH(TSPX_TmSlitDef, TSPX_TscDef) | | | 3. |
| 8 | | +CCstatuschk_05(C_U4, TCV_TI, TCV_chTch) | | | 4. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. To initiate MO call and bring the MS into U4 state. 3. The assignment procedure succeeds. 4. To check that the MS is still in state U4. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_8_1_2_5_8 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U4, "Call Delivered", having received an unknown message from its peer entity returns a STATUS message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcJ, TSPX_MOChRateJ) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU4_24(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqUndefCC | Undef(TCV_chTch, UndefCC_02(TCV_TI)) | | 3. |
| 7 | | L?DL_DatInCcst | CCStatusRcv(CCStatus_08(TCV_TI0, C_U4)) | | |
| 8 | | +CCstatuschk_05(C_U4, TCV_TI, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service and channel rate, if the MS supports telephony the selected basic service is telephony. 2. To setup the full rate or half rate traffic channel and BCCH, CCCH for the test. 3. To send a CC message which message type is undefined for the CC. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_8_1_2_6_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that the a CC-entity of the MS in CC-state U10, "Call Active", upon request by the user to terminate will send a DISCONNECT message and enter the CC-state U11, "Disconnect Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcA, TSPX_MOChRateA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU10_21(TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | 2. |
| 7 | body | +TermCall | | | |
| 8 | | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TCV_TI0)) | (P) | 3. |
| 9 | | +CCstatuschk_05(C_U11, TCV_TI, TCV_chTch) | | | 4. |
| 10 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. To bring the MS into U10 state. 3. The expected DISCONNECT message received. 4. To check whether the MS enters the state U11. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_6_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that the a CC-entity of the MS in CC-state U10, "Call Active", upon receive of the RELEASE will respond with the RELEASE COMPLETE message and enter the CC-state U0, "Null" 2) To verify that the MS on returning to the idle mode releases the MM-connection and that the CC-entities relating to the seven mobile originating transaction identifiers are in CC-state U0, "Null" | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcB, TSPX_MOChRateB) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU10_21(TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01) | | | 2. |
| 7 | body | L!DL_DatRqRel | ReleaseSnd(TCV_ch Tch, Release_03(TCV_TI)) | | |
| 8 | | L?DL_DatInRelCmp | RelComRcv(Release Cmp_03(TCV_TI0)) | (P) | 3. |
| 9 | | +CheckTlInStateU0(TRUE, TCV_chTch) | | | |
| 10 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. To bring the MS into U10 state. 3. The expected RELEASE COMPLETE message received. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|--|
| Test Case Name: | | TC_26_8_1_2_6_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U10, "Call Active", upon receipt of a DISCONNECT message with a Progress Indicator indicating in-band information, through-connects the speech channel to make in-band announcements available, if traffic channel is in speech mode. If TCH is not in speech mode, the MS sends a RELEASE message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcC, TSPX_MOChRateC) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU10_22(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_04(TCV_TI)) | | 3. |
| 7 | | [TCV_ChMod.mode = C_ChMod_r] | | | |
| 8 | | (TCV_Res := OO_TCHThroConnCHK()) | | | Check that the audio path is connected for inband tones. |
| 9 | | [TCV_Res = TRUE] | | (P) | Inband info audible |
| 10 | | +CCstatuschk_05(C_U12, TCV_TI, TCV_chTch) | | | |
| 11 | | +PostMainLinkRel(TCV_chTch) | | | |
| 12 | | [TCV_Res = FALSE] | | (F) | No inband info audible |
| 13 | | +PostMainLinkRel(TCV_chTch) | | | |
| 14 | | [TCV_ChMod.mode <> C_ChMod_r] | | | |
| 15 | | L?DL_DatInRel | ReleaseRcv(Release_10(TCV_TI0)) | (P) | |
| 16 | | +CCstatuschk_05(C_U19, TCV_TI, TCV_chTch) | | | |
| 17 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. 2. To setup BCCH, CCCH and traffic channels. 3. With progress indicator #8. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_6_4 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that the a CC-entity of the MS in CC-state U10, "Call Active", upon receipt of a DISCONNECT message without progress indicator, returns a RELEASE message and enters the CC-state U19, "Release Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcD, TSPX_MOChRateD) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU10_22(C_Immass, TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | 3. |
| 7 | | L?DL_DatInRel | ReleaseRcv(Release_10(TCV_TI0)) | (P) | |
| 8 | | +CCstatuschk_05(C_U19, TCV_TI, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. 2. To setup BCCH, CCCH and traffic channels. 3. Without progress indicator #8. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_26_8_1_2_6_5 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that a CC entity of the MS in CC-state U10, "Call active" upon receipt of a RELEASE COMPLETE message with valid cause value, enters CC state U0, "Null". 2) To verify that in returning to idle mode, the CC entities relating to the seven mobile originating transaction identifiers are in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcE, TSPX_MOChRateE) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU10_22(C_Immass, TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqRelCmp | RelComSnd(TCV_chTch, ReleaseCmp_04(TCV_TI)) | | |
| 7 | | +CheckTlInStateU0(TRUE, TCV_chTch) | | | |
| 8 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. 2. To setup BCCH, CCCH and traffic channels. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_6_6 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that a Mobile Station that has a call established and receives a SETUP message answers either with a CALL CONFIRMED message with cause "user busy" if it supports call waiting, or with a RELEASE COMPLETE message with cause "user busy" otherwise. | | | |
| | | 2) To verify that after having sent this message, the MS is still in state U10 for the established call. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcF, TSPX_MOChRateF) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU10_21(TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01) | | | 2. |
| 7 | body | +BasicServiceMT(TSPX_MTBscSvcA, TSPX_MTChRateA, TSPX_MT_ImmConnA) | | | 3. |
| 8 | | (TCV_Setup_mt.sig := Signal_02, TCV_Setup_mt.ti := TCV_TI0) | | | 4. |
| 9 | | LIDL_DatRqSetup | SetupSnd(TCV_chTch, TCV_Setup_mt) | | 5. |
| 10 | | L?DL_DatInRelCmp | RelComRcv(ReleaseCmp_10(TCV_TI)) | (P) | 6. |
| 11 | | +CCstatuschk_05(C_U10, TCV_TI, TCV_chTch) | | | 7. |
| 12 | | +PostMainLinkRel(TCV_chTch) | | | |
| 13 | | L?DL_DatInCallCo | CallCfm(CallConfirm_02(TCV_TI)) | (P) | 8. |
| 14 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TCV_TI)) | | |
| 15 | | (TCV_Null := OO_HookOff()) | | | |
| 16 | | LIDL_DatRqRelCmp | RelComSnd(TCV_chTch, ReleaseCmp_08(TCV_TI0)) | | |
| 17 | | +CCstatuschk_05(C_U10, TCV_TI, TCV_chTch) | | | 7. |
| 18 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. To bring the MS into the state U10 of a MO call. 3. Select a MT service supported by the MS, The SETUP_PDU will be stored in TCV_Setup_mt. 4. a) add signal IE with "call waiting tone on" - b) Set TI value same as MO call and TI flag for MT. 5. To establish a second transaction for MT call with the same TI value as that in the MO call 6. Call waiting not supported. 7. To check whether the MS is still in the state U10. 8. Call waiting supported. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_8_1_2_7_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that the a CC-entity of the MS in CC-state U11, "Disconnect Request", upon receipt of a DISCONNECT message, returns to its peer entity the RELEASE message and enters the CC-state U19, "Release Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcG, TSPX_MOChRateG) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU11_23(TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | 2. |
| 7 | body | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 8 | | L?DL_DatInRel | ReleaseRcv(Release _10(TCV_TI0)) | (P) | 3. |
| 9 | | +CCstatuschk_05(C_U19, TCV_TI, TCV_chTch) | | | 4. |
| 10 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. To bring the MS into the state U11. 3. The expected RELEASE message received. 4. To check whether the MS enters the state U19. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_8_1_2_7_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that the a CC-entity of the MS in CC-state U11, "Disconnect Request", upon receipt of the RELEASE message shall return RELEASE COMPLETE and enter the CC-state U0, "Null". 2) To verify that the MS on returning to the idle mode releases the MM-connection and that the CC-entities relating to the seven mobile originating transaction identifiers are in CC-state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcH, TSPX_MOChRateH) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU11_23(TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | 2. |
| 7 | body | L!DL_DatRqRel | ReleaseSnd(TCV_chTch, Release_03(TCV_TI)) | | |
| 8 | | L?DL_DatInRelCmp | RelComRcv(ReleaseCmp_03(TCV_TI0)) | (P) | 3. |
| 9 | | +CheckTlInStateU0(TRUE, TCV_chTch) | | | 4. |
| 10 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. To bring the MS into the state U11. 3. The expected RELEASE COMPLETE message received. 4. To check that the CC entities with relevant transaction identifiers are in the state U0. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_7_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that the a CC-entity of the MS in CC-state U11, "Disconnect Request" shall on expiry of T305, proceeds ahead with the connection release procedure by sending the RELEASE message to its peer entity and enters the CC-state U19, "Release Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcI, TSPX_MOChRateI) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU11_23Timer(TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01) | | | 2. |
| 7 | body | (TCV_Cau0.iei := '00001000'B) | | | 3. |
| 8 | | L?DL_DatInRel (TCV_Fn1 := DL_DatInRel.fn) READTIMER T_dly(TCV_Time), CANCEL T_dly | ReleaseRcv(Release _05(TCV_TI0, TCV_Cau0)) | (P) | |
| 9 | | [(TCV_Time < 27000) OR (TCV_Time >= 33000)] | | (F) | 4. |
| 10 | | +PostMainLinkRel(TCV_chTch) | | | |
| 11 | | [(TCV_Time >= 27000) AND(TCV_Time < 33000)] | | (P) | 5. |
| 12 | | +CCstatuschk_05(C_U19, TCV_TI, TCV_chTch) | | | 6. |
| 13 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. To bring the MS into the state U11. 3. Cause IE is mandatory in DISCONNECT, but optional in RELEASE> 4. Fail, if the timeout value of the T305 timer is either greater than or equal to 33 seconds, or less than 27 seconds. 5. Pass, if the timeout value of T305 is OK. 6. To check whether the MS enters the state U19. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_26_8_1_2_7_4 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that the a CC-entity of the MS in CC-state U11, "Disconnect Request" having detected a lower layer failure returns to the idle mode. The CC entities relating to the seven mobile originating transaction identifiers are thus in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcJ, TSPX_MOChRateJ) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU11_24(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | +LowerLayerFailure(TCV_ch) | | | |
| 7 | | START T_dly(20000) | | | |
| 8 | | ?TIMEOUT T_dly | | | |
| 9 | | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | |
| 10 | | +CheckTIsInStateU0(TRUE, TCV_ch) | | | |
| 11 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. 2. To setup BCCH, CCCH and traffic channels. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_8_1_2_7_5 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that the a CC-entity of the MS in CC-state U11, "Call Delivered" having received an unknown message from its peer entity shall return a STATUS message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcA, TSPX_MOChRateA) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU11_24(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqUndefCC | Undef(TCV_chTch, UndefCC_02(TCV_TI)) | | 3. |
| 7 | | L?DL_DatInCcst | CCStatusRcv(CCStatus_08(TCV_TI0, C_U11)) | (P) | |
| 8 | | +CCstatuschk_05(C_U11, TCV_TI, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. 2. To setup BCCH, CCCH and traffic channels. 3. To send a CC message which message type is undefined for the CC. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------|----|--|
| Test Case Name: | | TC_26_8_1_2_8_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U12, "Disconnect Indication" being in network initiated call release phase, shall, upon receiving a call release request from the user sends a RELEASE to its peer entity and enters CC-state U19, "Release Request" | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | TC only applicable for MS supporting speech. |
| 2 | | (TCV_Service := C_Telephony, TCV_ChRate :=C_Full) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | 2. | |
| 6 | | +PreEnterCCstateU12_21(TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01) | | 3. | |
| 7 | body | +TermCall | | 4. | |
| 8 | | L?DL_DatInRel | ReleaseRcv(Release_10(TCV_TI0)) | 5. | |
| 9 | | +CCstatuschk_05(C_U19, TCV_TI, TCV_chTch) | | | |
| 10 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCHH4, and wait for the MS in service. 2. To bring the MS into the state U12. Within the step a physical channel as appropriate traffic channel is setup. 3. MMI action, "on hook". 4. The expected RELEASE message received. 5. To check whether the MS is in the state U19. | | | |

| Test Case Dynamic Behaviour | | | | | | |
|-----------------------------|-------|---|---|-----|--|----|
| Test Case Name: | | TC_26_8_1_2_8_2 | | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | | |
| Purpose: | | 1) To verify that a CC-entity of the MS in CC-state U12, "Disconnect Indication", upon receipt of a RELEASE message returns to its peer entity the RELEASE COMPLETE message and enters the CC-state U0, "Null" 2) To verify that the MS on returning to the idle mode releases the MM-connection and that the CC-entities relating to the seven mobile originating transaction identifiers are in CC-state U0, "Null". | | | | |
| Default: | | OtherEventsFail | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments | |
| 1 | | START T_guard(300) | | | TC only applicable for MS supporting speech. | |
| 2 | | (TCV_Service := C_Telephony, TCV_ChRate :=C_Full) | | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | | 2. |
| 6 | | +PreEnterCCstateU12_21(TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | | 3. |
| 7 | body | L!DL_DatRqRel | ReleaseSnd(TCV_chTch, Release_03(TCV_TI)) | | | 4. |
| 8 | | L?DL_DatInRelCmp | RelComRcv(ReleaseCmp_03(TCV_TI0)) | (P) | | |
| 9 | | +CheckTlInStateU0(TRUE, TCV_chTch) | | | | |
| 10 | | +PostMainLinkRel(TCV_chTch) | | | | |
| Detailed Comments: | | 1. To setup a physical channel as BCCH, CCCH and SDCHH4, and wait for the MS in service. 2. To bring the MS into the state U12. Within the step a physical channel as appropriate traffic channel is setup. 3. The expected RELEASE COMPLETE message received. 4. To check whether the CC entities related to the seven mobile originating transaction is in the state U0. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|--|
| Test Case Name: | | TC_26_8_1_2_8_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U12, "Disconnect Indication" having detected a lower layer failure returns to idle mode. The CC-entities relating to the seven mobile originating transaction identifiers are thus in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | TC only applicable for MS supporting speech. |
| 2 | | (TCV_Service := C_Telephony, TCV_ChRate :=C_Full) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU12_22(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | +LowerLayerFailure(TCV_ch) | | | |
| 7 | | START T_dly(20000) | | | |
| 8 | | ?TIMEOUT T_dly | | | |
| 9 | | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | |
| 10 | | +CheckTIsInStateU0(TRUE, TCV_ch) | | | |
| 11 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|--|
| Test Case Name: | | TC_26_8_1_2_8_4 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U12, "Disconnect Indication" having received an unknown message from its peer entity returns a STATUS message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | TC only applicable for MS supporting speech. |
| 2 | | (TCV_Service := C_Telephony, TCV_ChRate :=C_Full) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU12_23(TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01) | | | |
| 7 | body | LIDL_DatRqUndefCC | Undef(TCV_chTch, UndefCC_02(TCV_TI)) | | |
| 8 | | L?DL_DatInCcst | CCStatusRcv(CCStatus_08(TCV_TI0, C_U12)) | | |
| 9 | | +CCstatuschk_05(C_U12, TCV_TI, TCV_chTch) | | | |
| 10 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4, waiting for the MS in service. 2. To bring the MS into the state U12. 3. To send a CC message which message type is undefined for the CC. 4. The expected STATUS message with cause #97 received. 5. To check whether the MS is still in the state U12. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------|-----|-----------------|
| Test Case Name: | | TC_26_8_1_2_9_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U19, "Release Request" will, upon the first expiry of timer T308 send the RELEASE message to its peer entity and remain in the CC-state U19. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcB, TSPX_MOChRateB) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU19_24Timer(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L?DL_DatInRel (TCV_Fn1 := DL_DatInRel.fn) READTIMER T_dly(TCV_Time), CANCEL T_dly | ReleaseRcv(Release_10(TCV_TI0)) | | Any cause value |
| 7 | | [(TCV_Time < 27000) OR (TCV_Time >= 33000)] | | (F) | 1. |
| 8 | | +PostMainLinkRel(TCV_chTch) | | | |
| 9 | | [(TCV_Time >= 27000) AND(TCV_Time < 33000)] | | (P) | 2. |
| 10 | | +CCstatuschk_05(C_U19, TCV_TI, TCV_chTch) | | | |
| 11 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. Fail, if the T308 timer value is either greater than or equal to 33 seconds, or less than 27 seconds. 2. Pass, if the T308 timer value is OK. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_2_9_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that a CC-entity of the MS in CC-state U19, "Release Request", upon the 2nd expiry of the timer T308, enters the CC-state U0, "Null". 2) To verify that subsequently the MS proceeds with releasing the MM-connection and enters the idle mode with the CC entities relating to the seven mobile originating transaction identifiers in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcC, TSPX_MOChRateC) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU19_24(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L?DL_DatInRel | ReleaseRcv(Release_10(TCV_TI0)) | | 3. |
| 7 | | +CCstatuschk_05(C_U19, TCV_TI, TCV_chTch) | | | |
| 8 | | START T_dly(50000) | | | |
| 9 | | ?TIMEOUT T_dly | | (F) | 4. |
| 10 | | L?DL_RelIn START T_dly(10000) | DLRelInd_01 | (P) | |
| 11 | | ?TIMEOUT T_dly | | | |
| 12 | | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | |
| 13 | | +CheckTIsInStateU0(TRUE, TCV_ch) | | | |
| 14 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | 1. To select a circuit switched basic service for testing. 2. To setup BCCH, CCCH and traffic channels. 3. First timeout of T308, release with any cause value accepted. 4. Second timeout of T308 (30 seconds), timeout of T3240 (10 seconds) and 10 seconds for the MS to return to listening to paging. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_26_8_1_2_9_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U19, "Release Request", upon receipt of a RELEASE, shall release the MM-connection and enters the CC-state U0, "Null" with the CC entities relating to the seven mobile originating transaction identifiers in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcD, TSPX_MOChRateD) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU19_24(C_Immass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqRel | ReleaseSnd(TCV_chTch, Release_06(TCV_TI)) | | |
| 7 | | +CheckTIsInStateU0(TRUE, TCV_chTch) | | | |
| 8 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_26_8_1_2_9_4 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U19, "Release Request", upon receipt of a RELEASE COMPLETE, shall release the MM-connection and enters the CC-state U0, "Null" with the CC entities relating to the seven mobile originating transaction identifiers in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcE, TSPX_MOChRateE) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU19_21(TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01) | | | 2. |
| 7 | body | L!DL_DatRqRelCmp | RelComSnd(TCV_chTch, ReleaseCmp_08(TCV_TI)) | | 3. |
| 8 | | +CheckTIsInStateU0(TRUE, TCV_chTch) | | | 4. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4, waiting the MS in service. 2. To bring the MS into the state U19. 3. To send a RELEASE COMPLETE message to the MS. 4. To check whether the CC entities related to the seven mobile originating transaction identifiers are in the state U0. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_8_1_2_9_5 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U19, "Release Request", having detected a lower layer failure, returns to the idle mode, the CC entities relating to the seven mobile originating transaction identifiers are in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMOorTelephony(TSPX_MOBscSvcF, TSPX_MOChRateF) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetupMO(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU19_21(TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01) | | | 2. |
| 7 | body | +LowerLayerFailure(TCV_ch) | | | 3. |
| 8 | | START T_dly(20000) | | | |
| 9 | | ?TIMEOUT T_dly | | | 4. |
| 10 | | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | |
| 11 | | +CheckTIsInStateU0(TRUE, TCV_ch) | | | 5. |
| 12 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4, waiting the MS in service. 2. To bring the MS into the state U19. 3. To generate lower layer failure in the lower emulator. 4. To wait for the MS back to listening to paging. 5. To check whether the CC entities related to the seven mobile originating transaction identifiers are in the state U0. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|----------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of the MS, upon receipt of SETUP containing one bearer capability and this bearer capability is not supported, returns a RELEASE COMPLETE with correct cause value to its peer entity and return to the idle mode. To verify that the CC-entities relating to the seven mobile terminating transaction identifiers are then in the state U0, "NULL". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 4 | body | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | 2. |
| 5 | | +CCAAuthenticate(TCV_ch) | | | |
| 6 | | +Cipherring_on(TCV_ch) | | | |
| 7 | | LIDL_DatRqSetup | SetupSnd(TCV_ch, Setup_06) | | 3. |
| 8 | | L?DL_DatInRelCmp | RelComRcv(Release Cmp_05) | (P) | 4. |
| 9 | | +CheckTIsInStateU0(FALSE, TCV_ch) | | | 5. |
| 10 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4. 2. To assign SDCCH4 channel. 3. To send a SETUP message containing a bearer capability not supported by the MS. 4. The expected RELEASE COMPLETE message with cause #88 received. 5. To check that the CC entity is in state U0 with all the relevant transaction identifiers. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of the MS in CC-state U6, "Call Present", shall upon receipt of a rejection indication of the incoming call from the user, shall send RELEASE COMPLETE with the appropriate cause value to its peer entity and enter the CC-state U0, "Null". The CC entities relating to the seven mobile terminating transaction identifiers are then in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTorTelephony(TSPX_MTBscSvcA, TSPX_MTChRateA, TSPX_MT_ImmConnA) | | | 1. |
| 3 | | (TCV_Null := OO_SetRefuseCall()) | | | |
| 4 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 5 | | +PreCCSetup(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 6 | | +PreEnterCCstateU6_32(TimingAdv_01) | | | |
| 7 | body | L?DL_DatInRelCmp | RelComRcv(Release Cmp_06) | (P) | 3. |
| 8 | | +CheckTlInStateU0(FALSE, TCV_ch) | | | |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> To select a basic service. if the MS supports telephony the selected basic service is telephony, otherwise the selected basic service is indicated by TSPX_MTBscSvcA. One physical channel as BCCH, CCCH and SDCCH4. The expected RELEASE COMPLETE message with cause #21 received. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_3_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity in CC-state U9, "MS Terminating Call Confirmed", (if signalled by the network in previous SETUP message that it may alert) will either send a ALERTING message to its peer entity and enter state U7, or send a CONNECT message to its peer entity and enter U8 | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTorTelephony(TSPX_MTBscSvcB, TSPX_MTChRateB, TSPX_MT_ImmConnB) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU9_32(TimingAdv_01) | | | |
| 6 | body | L?DL_DatInConn | ConnRcv(Connect_01) | (P) | 3. |
| 7 | | +CCstatuschk_05(C_U8, TI_02, TCV_ch) | | | |
| 8 | | +PostMainLinkRel(TCV_ch) | | | |
| 9 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01)) | (P) | 4. |
| 10 | | (TCV_Null := OO_HookOff()) | | | |
| 11 | | +CCstatuschk_05(C_U7, TI_02, TCV_ch) | | | |
| 12 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> To select a basic service. One physical channel as BCCH, CCCH and SDCCH4. The expected CONNECT message received in case of the MS supporting immediate connect. The expected ALERTING message received in case of the MS not supporting immediate connect. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_3_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that A CC-entity of the MS in CC-state U9, "MS Terminating Call Confirmed", when allocated a traffic channel by the network performing the assignment procedure, performs a layer 2 establishment on the FACCH, sends a ALERTING message and enters state U7. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_BscSvcA,TSPX_MTNIC_ChRateA) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU9_34(TimingAdv_01) | | | 2. |
| 7 | body | +CCAssignTCH(TSPX_TmSlitDef, TSPX_TscDef) | | | 3. |
| 8 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01)) | (P) | 4. |
| 9 | | (TCV_Null := OO_HookOff()) | | | |
| 10 | | +CCstatuschk_05(C_U7, TI_02, TCV_chTch) | | | |
| 11 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <p>1. To select a basic service. if the MS supports telephony the selected basic service is telephony, and the channel rate is specified by TSPX_MTChRateA, otherwise the selected basic service is indicated by TSPX_BCf.</p> <p>2. Use SETUP message without signal IE.</p> <p>3. Assign an appropriate traffic channel.</p> <p>4. The expected ALERTING message received.</p> | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_3_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U9, "MS Terminating Call Confirmed", upon request by the user to terminate will send a DISCONNECT message and enter the CC-state U11, "Disconnect Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_BscSvcB,TSPX_MTNIC_ChRateB) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU9_34(TimingAdv_01) | | | 3. |
| 6 | body | +TermCall | | | 4. |
| 7 | | L?DL_DatInDisc | DiscRcv(TCV_ch, Disconn_05(TI_01)) | (P) | 5. |
| 8 | | +CCstatuschk_05(C_U11, TI_02, TCV_ch) | | | |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <p>1. To select a basic service. if the MS supports telephony the selected basic service is telephony.</p> <p>2. One physical channel as BCCH, CCCH and SDCCH4.</p> <p>3. Bring MS to state U9.</p> <p>4. To terminate the call.</p> <p>5. The expected DISCONNECT received.</p> | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_3_4 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U9, "MS Terminating Call Confirmed", upon receipt of a DISCONNECT returns a RELEASE message and enters the CC-state U19, "Release Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_BscSvcC,TSPX_MTNIC_ChRateC) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU9_34(TimingAdv_01) | | | 3. |
| 6 | body | L!DL_DatRqDisc | DiscSnd(TCV_ch, Disconn_07(TI_02)) | | 4. |
| 7 | | L?DL_DatInRel | ReleaseRcv(Release_10(TI_01)) | (P) | 5. |
| 8 | | +CCstatuschk_05(C_U19, TI_02, TCV_ch) | | | |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. One physical channel as BCCH, CCCH and SDCCH4. 3. Bring MS to state U9. 4. To send DISCONNECT message. 5. The expected RELEASE message received. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_3_5 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | <ol style="list-style-type: none"> 1) To verify that a CC-entity of the MS in CC-state U9, "MS Terminating Call Confirmed", upon receipt of a RELEASE will return a RELEASE COMPLETE and enter the CC-state U0, "Null". 2) To verify that the MS on returning to the idle mode releases the MM-connection and that the CC-entities relating to the seven mobile terminating transaction identifiers are in CC-state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_BscSvcD,TSPX_MTNIC_ChRateD) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU9_34(TimingAdv_01) | | | 3. |
| 6 | body | L!DL_DatRqRel | ReleaseSnd(TCV_ch, Release_03(TI_02)) | | 4. |
| 7 | | L?DL_DatInRelCmp | RelComRcv(Release_Cmp_03(TI_01)) | (P) | 5. |
| 8 | | +CheckTIsInStateU0(FALSE, TCV_ch) | | | |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. One physical channel as BCCH, CCCH and SDCCH4. 3. Bring MS to state U9. 4. To send RELEASE message with cause = "normal, unspecified". 5. The expected RELEASE COMPLETE received. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_26_8_1_3_3_6 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of the MS in CC-state U9, "MS Terminating Call Confirmed", having detected a lower layer failure returns to idle mode with the CC entities relating to the seven mobile terminating transaction identifiers in CC-state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_B scSvcE,TSPX_MTNIC_ChRateE) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU9_34(TimingAdv_01) | | | 3. |
| 6 | body | +LowerLayerFailure(TCV_ch) | | | 4. |
| 7 | | START T_dly(20000) | | | 5. |
| 8 | | ?TIMEOUT T_dly | | | |
| 9 | | +CCEstablishMT_SDCCH4(TimingAd v_01) | | | |
| 10 | | +CheckTIsInStateU0(FALSE, TCV_ch) | | | |
| 11 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. One physical channel as BCCH, CCCH and SDCCH4. 3. Bring MS to state U9. 4. To generate lower layer failure. 5. To wait 20 s for the MS to return to listening to paging. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_8_1_3_3_7 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U9, "MS Terminating Call Confirmed" having received an unknown message from its peer entity returns a STATUS message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_B scSvcF,TSPX_MTNIC_ChRateF) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU9_34(TimingAdv_01) | | | 3. |
| 6 | body | L!DL_DatRqUndefCC | Undef(TCV_ch, UndefCC_02(TI_02)) | | 4. |
| 7 | | L?DL_DatInCcst | CCStatusRcv(CCStat us_08(TI_01, C_U9)) | (P) | |
| 8 | | +CCstatuschk_05(C_U9, TI_02, TCV_ch) | | | |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. One physical channel as BCCH, CCCH and SDCCH4. 3. Bring MS to state U9. 4. To send an unknown message. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_4_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U7, "Call Received", upon a user accepting the incoming call, shall send a CONNECT message to its peer entity and enter the CC-state U8, "Connect Request" | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_BscSvcG,TSPX_MTNIC_ChRateG) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU7_33(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | (TCV_Null := OO_HookOff()) | | | |
| 7 | body | L?DL_DatInConn | ConnRcv(Connect_01) | (P) | 2. |
| 8 | | +CCstatuschk_05(C_U8, TI_02, TCV_chTch) | | | 3. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. The expected CONNECT message received. 3. To check whether the MS is in the state U8. If not so the test case fails in the test step. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---------------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_4_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U7, "Call Received", upon request by the user to terminate will send a DISCONNECT message and enter the CC-state U11, "Disconnect Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_BscSvcH,TSPX_MTNIC_ChRateH) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU7_33(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | +TermCall | | | |
| 7 | | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TI_01)) | (P) | 2. |
| 8 | | +CCstatuschk_05(C_U11, TI_02, TCV_chTch) | | | 3. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. The expected DISCONNECT message received. 3. To check whether the MS is in the state U11. If not so the test case fails in the test step. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-------------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_4_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U7, "Call Received", upon receipt of a DISCONNECT with a progress indicator indicating in-band information from network, if a TCH was not assigned, returns a RELEASE message and enters the CC-state U19, "Release Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_BscSvcI,TSPX_MTNIC_ChRateI) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU7_31(TimingAdv_01) | | | |
| 6 | body | L!DL_DatRqDisc | DiscSnd(TCV_ch, Discconn_04(TI_02)) | | 3. |
| 7 | | L?DL_DatInRel | ReleaseRcv(Release_10(TI_01)) | (P) | 4. |
| 8 | | +CCstatuschk_05(C_U19, TI_02, TCV_ch) | | | 5. |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. To setup a physical channels as BCCH, CCCH and SDCCH4. 3. To send DISCONNECT message with progress indicator indicating cause #8. 4. The expected RELEASE message received. 5. To check whether the MS is in the state U19. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------------|---|----------|
| Test Case Name: | | TC_26_8_1_3_4_4 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | <ol style="list-style-type: none"> 1) To verify that a CC entity of a MS in CC-state U7, "Call Received", upon receipt of a RELEASE will return a RELEASE COMPLETE and enter the CC-state U0, "Null". 2) To verify that the MS on returning to the idle mode releases the MM-connection and that the CC-entities relating to the seven mobile terminating transaction identifiers are in CC-state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_BscSvcJ,TSPX_MTNIC_ChRateJ) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU7_31(TimingAdv_01) | | | |
| 6 | body | L!DL_DatRqRel | ReleaseSnd(TCV_ch, Release_03(TI_02)) | | 3. |
| 7 | | L?DL_DatInRelCmp | RelComRcv(Release_Cmp_03(TI_01)) | | 4. |
| 8 | | +CheckTIsInStateU0(FALSE, TCV_ch) | | | 5. |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. To setup a physical channels as BCCH, CCCH and SDCCH4. 3. To send RELEASE message with cause "Normal, unspecified". 4. The expected RELEASE COMPLETE message received. 5. To check that the CC entity has returned to state U0 with all transaction identifiers. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_8_1_3_4_5 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U7, "Call Received", having detected a lower layer failure returns to idle mode with the CC entities relating to the seven mobile terminating transaction identifiers in CC-state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_BscSvcA,TSPX_MTNIC_ChRateA) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU7_32(TimingAdv_01) | | | |
| 6 | body | +LowerLayerFailure(TCV_ch) | | | |
| 7 | | START T_dly(20000) | | | |
| 8 | | ?TIMEOUT T_dly | | | |
| 9 | | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | |
| 10 | | +CheckTlInStateU0(FALSE, TCV_ch) | | | |
| 11 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. To setup a physical channel as BCCH, CCCH and SDCCH4. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------------|---|----------|
| Test Case Name: | | TC_26_8_1_3_4_6 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U7, "Call Received", having received an unknown message from its peer entity returns a STATUS message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_BscSvcB,TSPX_MTNIC_ChRateB) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU7_33(C_Immass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqUndefCC | Undef(TCV_chTch, UndefCC_02(TI_02)) | | 2. |
| 7 | | L?DL_DatInCst | CCStatusRcv(CCStatus_08(TI_01, C_U7)) | | 3. |
| 8 | | +CCstatuschk_05(C_U7, TI_02, TCV_chTch) | | | 4. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. To send an unknown message to the MS. 3. The expected STATUS message with cause #97 and state U7 received. 4. To check that the MS remains in the state U7. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_8_1_3_4_7 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U7, "Call Received", when allocated a traffic channel by the network performing the assignment procedure, shall perform a layer 2 establishment on the FACCH without changing the state of the call in progress. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_B scSvcC,TSPX_MTNIC_ChRateC) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU7_31(TimingAdv_01) | | | |
| 7 | body | +CCAssignTCH(TSPX_TmSlitDef, TSPX_TscDef) | | | 2. |
| 8 | | +CCstatuschk_05(C_U7, TI_02, TCV_chTch) | | | 3. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. The assignment procedure succeeded. 3. To check whether the MS remains in the state U7. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_26_8_1_3_4_8 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | <ol style="list-style-type: none"> 1) To verify that a CC entity of the MS in CC-state U7, "Call received", upon receipt of a RELEASE COMPLETE message with valid cause value, enters CC state U0, "Null". 2) To verify that in returning to idle mode, the CC entities relating to the seven mobile originating transaction identifiers are in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTNICorTelephony(TSPX_MTNIC_B scSvcD,TSPX_MTNIC_ChRateD) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU7_31(TimingAdv_01) | | | |
| 6 | body | L!DL_DatRqRelCmp | RelComSnd(TCV_ch, ReleaseCmp_04(TI_0 2)) | | |
| 7 | | +CheckTIsInStateU0(FALSE, TCV_ch) | | | 3. |
| 8 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. To setup a physical channels as BCCH, CCCH and SDCCH4. 3. To check that the CC entities relating to the seven MT transaction identifiers are in state U0. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_26_8_1_3_5_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U8, "Connect Request", upon receipt of CONNECT ACKNOWLEDGE shall enter the CC-state U10, "Call Active". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTorTelephony(TSPX_MTBscSvcC, TSPX_MTChRateC,TSPX_MT_ImmConnC) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immasc, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU8_32(TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | |
| 7 | body | L!DL_DatRqConnAck | ConnAckSnd(TCV_ch Tch, ConnectAck_01) | | |
| 8 | | +CCstatuschk_05(C_U10, TI_02, TCV_chTch) | | | 2. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. To check whether the MS is in U10 state. if it is not in U10 fail in the test step. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_5_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U8, "Connect Request", having waited for a reasonable length of time (e.g. expiry of timer T313) without receiving the appropriate protocol message to complete the incoming call, shall initiate the clearing of that incoming call by sending the CC message DISCONNECT and enter the CC-state U11, "Disconnect Request" | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTorTelephony(TSPX_MTBscSvcD, TSPX_MTChRateD, TSPX_MT_ImmConnD) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU8_32(TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | |
| 7 | body | +localtree1 | | | |
| | | localtree1 | | | |
| 8 | | START T_dly(15000) | | | |
| 9 | | ?TIMEOUT T_dly | | | |
| 10 | | START T_dly(18000) | | | |
| 11 | | ?TIMEOUT T_dly | | (F) | |
| 12 | | +PostMainLinkRel(TCV_chTch) | | | |
| 13 | | L?DL_DatInDisc CANCEL T_dly | DiscRcv(TCV_chTch, Disconn_05(TI_01)) | (P) | 2. |
| 14 | | +CCstatuschk_05(C_U11, TI_02, TCV_chTch) | | | 3. |
| 15 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. | | | |
| | | 2. The expected DISCONNECT message received within the time interval with any valid cause location and cause value. | | | |
| | | 3. To check whether the MS is in the expected U11 state. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_5_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U8, "Connect Request", upon request by the user to terminate will send a DISCONNECT message and enter the CC-state U11, "Disconnect Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTorTelephony(TSPX_MTBscSvcE, TSPX_MTChRateE, TSPX_MT_ImmConnE) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU8_32(TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01) | | | |
| 7 | body | +TermCall | | | 2. |
| 8 | | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TI_01)) | (P) | 3. |
| 9 | | +CCstatuschk_05(C_U11, TI_02, TCV_chTch) | | | 4. |
| 10 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. The user terminates the call. 3. The expected DISCONNECT message received. 4. To check whether the MS is in the expected U11 state. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---------------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_5_4 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U8, "Connect Request", upon receipt of a DISCONNECT with progress indicator #8 enters CC-state U12, if the traffic channel is in speech mode, and that the MS sends a RELEASE message and enters CC-state U19 if the TCH is not in speech mode. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTorTelephony(TSPX_MTBscSvcF, TSPX_MTChRateF, TSPX_MT_ImmConnF) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU8_33(C_Imm, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_04(TI_02)) | | |
| 7 | | [TCV_ChMod.mode = C_ChMod_r] | | | 2. |
| 8 | | +CCstatuschk_05(C_U12, TI_02, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| 10 | | [TCV_ChMod.mode <> C_ChMod_r] | | | 3. |
| 11 | | L?DL_DatInRel | ReleaseRcv(Release_10(TI_01)) | (P) | |
| 12 | | +CCstatuschk_05(C_U19, TI_02, TCV_chTch) | | | |
| 13 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 3. TCH is in speech mode. 4. TCH is not in speech mode. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---------------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_5_5 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U8, "Connect Request", upon receipt of a DISCONNECT without progress indicator, returns a RELEASE message and enters the CC-state U19, "Release Request". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTorTelephony(TSPX_MTBscSvcG, TSPX_MTChRateG, TSPX_MT_ImmConnG) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU8_33(C_Imm, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TI_02)) | | |
| 7 | | L?DL_DatInRel | ReleaseRcv(Release_10(TI_01)) | (P) | 2. |
| 8 | | +CCstatuschk_05(C_U19, TI_02, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. The expected RELEASE message received. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_8_1_3_5_6 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that a CC entity of a MS in CC-state U8, "Connect Request", upon receipt of a RELEASE will return a RELEASE COMPLETE and enter the CC-state U0, "Null". 2) To verify that the MS on returning to the idle mode releases the MM-connection and that the CC-entities relating to the seven mobile terminating transaction identifiers are in CC-state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTorTelephony(TSPX_MTBscSvcH, TSPX_MTChRateH, TSPX_MT_ImmConnH) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +PreEnterCCstateU8_33(C_Imm, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | body | L!DL_DatRqRel | ReleaseSnd(TCV_chTch, Release_03(TI_02)) | | |
| 7 | | L?DL_DatInRelCmp | RelComRcv(ReleaseCmp_03(TI_01)) | (P) | 2. |
| 8 | | +CheckTIsInStateU0(FALSE, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. The expected RELEASE COMPLETE message received. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Case Name: | | TC_26_8_1_3_5_7 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U8, "Connect Request", having detected a lower layer failure returns to idle mode with the CC entities relating to the seven mobile terminating transaction identifiers in CC-state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTorTelephony(TSPX_MTBscSvcI,T SPX_MTChRateI,TSPX_MT_ImmConnI) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU8_31(TimingAdv_01) | | | |
| 6 | body | +LowerLayerFailure(TCV_ch) | | | 3. |
| 7 | | START T_dly(20000) | | | |
| 8 | | ?TIMEOUT T_dly | | | |
| 9 | | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | |
| 10 | | +CheckTIsInStateU0(FALSE, TCV_ch) | | | |
| 11 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | 1. To select a basic service. if the MS supports telephony the selected teleservice is telephony. 2. To setup a physical channel as BCCH, CCCH and SDCCH4. 3. To generate lower layer failure. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_26_8_1_3_5_8 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U8, "Connect Request", when allocated a traffic channel by the network performing the assignment procedure, shall perform a layer 2 establishment on the FACCH without changing the state of the call in progress. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTorTelephony(TSPX_MTBscSvcJ,T SPX_MTChRateJ,TSPX_MT_ImmConnJ) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU8_31(TimingAdv_01) | | | |
| 7 | body | +CCAssignTCH(TSPX_TmSltDef, TSPX_TscDef) | | | 2. |
| 8 | | +CCstatuschk_05(C_U8, TI_02, TCV_chTch) | | | 3. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. To assign a suitable traffic channel. 3.. To check whether the MS is still in the state U8. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------------|-----|----------|
| Test Case Name: | | TC_26_8_1_3_5_9 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U8, "Connect Request", having received an unknown message from its peer entity returns a STATUS message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMTorTelephony(TSPX_MTBscSvcA, TSPX_MTChRateA, TSPX_MT_ImmConnA) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 2. |
| 5 | | +PreEnterCCstateU8_31(TimingAdv_01) | | | |
| 6 | body | L!DL_DatRqUndefCC | Undef(TCV_ch, UndefCC_02(TI_02)) | | 3. |
| 7 | | L?DL_DatInCst | CCStatusRcv(CCStatus_08(TI_01, C_U8)) | (P) | 4. |
| 8 | | +CCstatuschk_05(C_U8, TI_02, TCV_ch) | | | 5. |
| 9 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To select a basic service. if the MS supports telephony the selected basic service is telephony. 2. To setup a physical channel as BCCH, CCCH and SDCCH4. 3. To send an unknown message to the MS. 4. The expected STATUS message with cause #97 and state U8 received. 5. To check whether the MS is still in the state U8. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_26_8_1_4_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that an MS supporting the Mobile originating DTMF protocol control procedure, having a CC entity for speech in state U10, "Active": when made to send a DTMF tone, sends a START DTMF message on the correct DCCH. 2) To verify that an MS supporting the Mobile originating DTMF protocol control procedure, having a CC entity for speech in state U10, "Active": when made to send a DTMF tone (the corresponding IA5 character being selected from among the ones supported), sends a START DTMF message specifying the correct IA5 character in the "keypad information" field of the keypad facility information element. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | The test is carried on full rate speech. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_ImmAss, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | 2. |
| 7 | body | [TSPC_BasCharSet = TRUE] | | | 3. |
| 8 | | +localtree1("0") | | | |
| 9 | | +localtree1("1") | | | |
| 10 | | +localtree1("2") | | | |
| 11 | | +localtree1("3") | | | |
| 12 | | +localtree1("4") | | | |
| 13 | | +localtree1("5") | | | |
| 14 | | +localtree1("6") | | | |
| 15 | | +localtree1("7") | | | |
| 16 | | +localtree1("9") | | | |
| 17 | | +continue | | | |
| 18 | | [TSPC_BasCharSet = FALSE] | | I | |
| | | continue | | | |
| 19 | | +localtree1("#") | | | |
| 20 | | +localtree1("**") | | | |
| 21 | | [TSPC_AddCharSet = TRUE] | | | 4. |
| 22 | | +localtree1("A") | | | |
| 23 | | +localtree1("B") | | | |
| 24 | | +localtree1("C") | | | |
| 25 | | +localtree1("D") | | | |
| 26 | | +localtree | | | |
| 27 | | [TSPC_AddCharSet = FALSE] | | | |
| 28 | | +localtree | | | 5. |
| | | localtree | | | |
| 29 | | (TCV_Null := OO_ShortKeyDepr("0")) | | | |
| 30 | | L?DL_DatInStartDtmf | StartDTMFRcv(StartDtmf_01(TI_01, "0")) | | |
| 31 | | LIDL_DatRqStartDtmfRej | StartDTMFRejSnd(TCV_chTch, StartDtmfRej_01(TI_02)) | | |
| 32 | | +CCstatuschk_05(C_U10, TI_02, TCV_chTch) | | | 6. |
| 33 | | +PostMainLinkRel(TCV_chTch) | | | |
| | | localtree1(character:IA5String) | | | |
| 34 | | (TCV_Null := OO_ShortKeyDepr(character), TCV_Char := character) | | | |

| | | | |
|---|--|--|--------|
| 35 | L?DL_DatInStartDtmf | StartDTMFRcv(StartDtmf_01(TI_01, TCV_Char)) | |
| 36 | L!DL_DatRqStartDtmfAck | StartDTMFAckSnd(TCV_chTch, StartDtmfAck_01(TI_02, TCV_Char)) | |
| 37 | +CCstatuschk_05(C_U10, TI_02, TCV_chTch) | | 6. |
| 38 | [TSPX_DTMFInd = TRUE] | | |
| 39 | (TCV_Res := OO_DTMFIndCHK(character)) | | |
| 40 | [TCV_Res = FALSE] | | (F) 7. |
| 41 | +PostMainLinkRel(TCV_chTch) | | |
| 42 | [TCV_Res = TRUE] | | (P) 8. |
| 43 | +localtree2 | | |
| 44 | [TSPX_DTMFInd = FALSE] | | |
| 45 | +localtree2 | | |
| | localtree2 | | |
| 46 | L?DL_DatInStopDtmf | StopDTMFRcv(StopDtmf_01(TI_01)) | |
| 47 | L!DL_DatRqStopDtmfAck | StopDTMFAckSnd(TCV_chTch, StopDtmfAck_01(TI_02)) | |
| 48 | +CCstatuschk_05(C_U10, TI_02, TCV_chTch) | | 6. |
| Detailed Comments: | | | |
| 1. To setup 2 physical channels one as BCCH, CCCH and SDCCH4, another as full rate traffic channel. | | | |
| 2. To bring the MS into the state U10 for speech. | | | |
| 3. To check the character set of "0-9, #, *". | | | |
| 4. To check the character set of "A, B, C, D" if it is supported by the MS. | | | |
| 5. To test the DTMF tone being rejected. | | | |
| 6. To verify that the MS is still in the state U10. | | | |
| 7. The DTMF indication is not correct. | | | |
| 8. The DTMF indication is correct. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_8_1_4_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U10, "active", upon receiving of a NOTIFY message remains in the active state. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | 2. |
| 7 | body | !DL_DatRqNotify | NotifySnd(TCV_chTch, NotifiReq_01(TI_02)) | | 3. |
| 8 | | +CCstatuschk_05(C_U10, TI_02, TCV_chTch) | | | 4. |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup 2 physical channels one as BCCH, CCCH and SDCCH4, another as full rate traffic channel. 2. To bring the MS into the state U10 for speech by generic call setup procedure. 3. To send the NOTIFY message to the MS. 4. To verify whether the MS is still in the state U10, the verdict is assigned in the test step. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Case Name: | | TC_26_8_1_4_3_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that the MS being in the call active state after having successfully completed a channel assignment or having completed a handover command remains in the call active state. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcC,TSPX_MTChRateC,TSPX_MT_ImmConnC) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immacc, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +AssCmdGenMT(TSPX_MTChRateC) | | | |
| 7 | | [TCV_ChRate = C_Full] | | | |
| 8 | | +FullRateCh_A_2(C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | 2. |
| 9 | | (TCV_Null := OM_CphMd(TCV_chTch1, CphMod_01, TCV_CphKey)) | | | |
| 10 | | +localtree | | | |
| 11 | | [TCV_ChRate = C_Half] | | | |
| 12 | | +HalfRateCh_A_2(TSPX_TCHHSubDef, C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | 4. |
| 13 | | (TCV_Null := OM_CphMd(TCV_chTch1, CphMod_01, TCV_CphKey)) | | | |
| 14 | | +localtree | | | |
| 15 | | localtree +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | 5. |
| 16 | body | +Adjust_gsmnddcs_powerlvl(0,3,TCV_AssCmd) | | | |
| 17 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | 6. |
| 18 | | +CCstatuschk_05(C_U10, TI_02, TCV_chTch1) | | | 7. |
| 19 | | +handover | | | |
| 20 | | L?DL_RacInHoacc | HndOvAccRcv(TCV_chTch1,HandOverAcc_02(TSPX_horfA)) | | |
| 21 | | L?DL_RacInHoacc | HndOvAccRcv(TCV_chTch1,HandOverAcc_02(TSPX_horfA)) | | |
| 22 | | L?DL_RacInHoacc | HndOvAccRcv(TCV_chTch1,HandOverAcc_02(TSPX_horfA)) | | |
| 23 | | L?DL_RacInHoacc | HndOvAccRcv(TCV_chTch1,HandOverAcc_02(TSPX_horfA)) | | |
| 24 | | L?DL_EstIn | DLEstInd_01 | | |
| 25 | | L?DL_DatInHoCom | HndOvCmpRcv(TCV_chTch1,HandOverCmp_01) | (P) | 8. |
| 26 | | +CCstatuschk_05(C_U10, TI_02, TCV_chTch1) | | | 7. |
| 27 | | +PostMainLinkRel(TCV_chTch) | | | |
| | | handover | | | |

| | | | | |
|---------------------------|--|--|---|--|
| 28 | | [TSPC_PGSM OR TSPC_EGSM] | | |
| 29 | | L!DL_DatRqHoCmd | HndOvSnd(TCV_chT ch, HandOverCmd_10(T CV_slot, TCV_tsc)) | |
| 30 | | [TSPC_DCS] | | |
| 31 | | L!DL_DatRqHoCmd (DL_DatRqHoCmd.msg.pcmd := Pcmd_19('00011'B)) | HndOvSnd(TCV_chT ch, HandOverCmd_10(T CV_slot, TCV_tsc)) | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channels as full rate traffic channel. 2. To setup a physical channel as second full rate traffic channel. 3. To setup a physical channels as half rate traffic channel. 4. To setup a physical channel as the second half rate traffic channel. 5. To bring the MS into U10 state by MT call generic setup procedure. 6. The assignment procedure succeeds. 7. To check whether the MS is still in the state U10. 8. The handover procedure succeeds. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|---|
| Test Case Name: | | TC_26_8_1_4_3_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that the MS, when returning to the old channel after handover failure and establishing correctly the link, will remain in the call active state. | | | |
| Default: | | OtherEventsFail_01, RcvHdOvAcc | | | |
| Comments: | | bearer capability TSPX_BCd is used in the test case. The generic MT call setup procedure is used. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcD,TSPX_MTChRateD,TSPX_MT_ImmConnD) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_Immacc, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | (TCV_ch1 := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellB), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB)) | | | |
| 7 | | +StartCellB_1(C_Immacc,TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 8 | | (TCV_Null := OM_CphMd(TCV_ch1, CphMod_01, TCV_CphKey)) | | | |
| 9 | | +localtree | | | |
| | | localtree | | | |
| 10 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSlTDef, TSPX_TscDef, TimingAdv_01) | | | |
| 11 | body | +handover | | | In case of non-sync HO the TC has to wait for the timeout T3124 and not only for 4 HO access messages |
| 12 | | L?DL_EstIn | DLEstInd_01 | | |
| 13 | | L?DL_DatInHofl | HndOvFIRcv(TCV_chTch, HandOvFail_01) | (P) | 2. |
| 14 | | +CCstatuschk_05(C_U10, TI_02, TCV_chTch) | | | 3. |
| 15 | | +ltree_Asgn | | | |
| 16 | | +Adjust_gsmanddcs_powerlvl(7,3,TCV_AssCmd) | | | |
| 17 | | +AssCh_failure(TCV_chTch,TCV_AssCmd,FALSE) | | | 4. |
| 18 | | +CCstatuschk_05(C_U10, TI_02, TCV_chTch) | | | 3. |
| 19 | | +PostMainLinkRel(TCV_chTch) | | | |
| | | handover | | | |
| 20 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 21 | | LIDL_DatRqHoCmd | HndOvSnd(TCV_chTch, HandOverCmd_11(TCV_slot, TCV_tsc)) | | Non-sync HO |
| 22 | | [TSPC_DCS] | | | |
| 23 | | LIDL_DatRqHoCmd (DL_DatRqHoCmd.msg.pcmd := Pcmd_19('00011'B)) | HndOvSnd(TCV_chTch, HandOverCmd_11(TCV_slot, TCV_tsc)) | | Non-sync HO |
| | | ltree_Asgn | | | |
| 24 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 25 | | (TCV_AssCmd := AsgnCmd_tchf(TCV_slot, TCV_tsc)) | | | |
| 26 | | [TSPC_DCS] | | | |
| 27 | | (TCV_AssCmd := AsgnCmd_dtchf(TCV_slot, | | | |

| | | | | |
|---------------------------|-----------|--|--|--|
| | TCV_tsc)) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4 used as cell B. 2. The expected HANDOVER FAILURE message received on the old channel. 3. To check whether the MS is still in the state U10, if no test case fails in the test step. 4. The expected ASSIGNMENT FAILURE message received on the old channel. | | |

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_26_8_1_4_4_1 |
| Group: | GSM_L3_MS_v4170/CC/ |
| Purpose: | <ol style="list-style-type: none"> 1) To verify that an MS supporting the network originated in-call modification procedure, after having received a MODIFY message with a new mode which is not the actual one and cannot be supported by the MS, rejects it by sending a MODIFY REJECT. 2) To verify that an MS not supporting the network originated in-call modification procedure, after having received a MODIFY message, responds with a STATUS message. |
| Default: | OtherEventsFail |
| Comments: | The generic MT call setup procedure is used to bring the MS into U10 state. |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|---|-----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcE,TSPX_MTChRateE,TSPX_MT_ImmConnE) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +PreCCSetup(C_ImmMass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | +PreEnterCCstateU10(TCV_Setup_mt, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01) | | | |
| 7 | | L!DL_DatRqModify | ModifySnd(TCV_chTch, ModifyReq_01(TI_02)) | | |
| 8 | | [TSPC_InCallMod = TRUE] | | | 1. |
| 9 | | L?DL_DatInModifyRej | ModifyRejRcv(TCV_chTch, ModifyRj_01(TI_01, TCV_Setup_mt.bcap1)) | (P) | |
| 10 | | +CCstatuschk_05(C_U10, TI_02, TCV_chTch) | | | |
| 11 | | +PostMainLinkRel(TCV_chTch) | | | |
| 12 | | [TSPC_InCallMod = FALSE] | | | 2. |
| 13 | | L?DL_DatInCst | CCStatusRcv(CCStatus_08(TI_01, C_U10)) | (P) | |
| 14 | | +CCstatuschk_05(C_U10, TI_02, TCV_chTch) | | | |
| 15 | | +PostMainLinkRel(TCV_chTch) | | | |

| | |
|---------------------------|--|
| Detailed Comments: | <ol style="list-style-type: none"> 1. The In-Call modification procedure is supported. 2. The In-Call modification procedure is not supported. |
|---------------------------|--|

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_8_1_4_5_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | 1) To verify that the procedure is initiated by the MS in the "active" state of the call. It sends a MODIFY message including the new mode to be changed to; and enters the "mobile originating modify" state. The new mode given in the MODIFY message is one of those already negotiated and agreed during the establishment phase of the call. The MODIFY originating side stops sending Bm-channel information. 2) To verify that upon receipt of the MODIFY COMPLETE message the MS starts sending channel information according to the new call mode and enters the "active" state. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | Cref | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +PreModifySetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 4 | body | +CCstatuschk_05(C_U26, TCV_TI, TCV_chTch) | | | |
| 5 | | L!DL_DatRqChmmo | ChmmoReqSnd(TCV_chTch, ChmomoReq_07(TCV_chtype, TCV_ChModb.mode, TSPX_TmSltDef, TSPX_TscDef)) | | |
| 6 | | L?DL_DatInChmmoAck | ChmmoAckRcv(TCV_chTch, ChmomoAck_08(TCV_chtype, TCV_ChModb.mode, TSPX_TmSltDef, TSPX_TscDef)) | (P) | 2. |
| 7 | | (TCV_Res := OC_RcsdPresent(TCV_Modify)) | | | |
| 8 | | [TCV_Res] | | | |
| 9 | | L!DL_DatRqModifyCom | ModifyCmpSnd(TCV_chTch, ModifyComp_02(TCV_TI, TCV_Bcap2)) | | |
| 10 | | +localtree | | | |
| 11 | | [NOT TCV_Res] | | | |
| 12 | | L!DL_DatRqModifyCom | ModifyCmpSnd(TCV_chTch, ModifyComp_03(TCV_TI, TCV_Bcap2)) | | |
| 13 | | +localtree | | | |
| localtree | | | | | |
| 14 | | START T_dly(2000) | | | |
| 15 | | ?TIMEOUT T_dly | | | |
| 16 | | +CCstatuschk_05(C_U10, TCV_TI, TCV_chTch) | | | |
| 17 | | (TCV_Res := OM_BmlInfo(TCV_chTch, TCV_ChModb.mode)) | | | |
| 18 | | [TCV_Res = TRUE] | | (P) | 3. |
| 19 | | +PostMainLinkRel(TCV_chTch) | | | |
| 20 | | [TCV_Res = FALSE] | | (F) | |
| 21 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To attempt a dual mode call and initiate incall modification. 2. The expected CMM ACKNOWLEDGE message received. 3. The MS does start sending Bm channel information according to the new mode. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_26_8_1_4_5_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that upon receipt of the MODIFY REJECT message with the old bearer capability the MS resumes sending Bm-channel information according to the present call mode; resumes interpreting received Bm-channel information according to the present call mode; and enters the "active" state. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +PreModifySetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 4 | body | LIDL_DatRqModifyRej | ModifyRejRqSnd(TCV_chTch, ModifyRjRq_01(TCV_TI, TCV_Bcap1)) | | |
| 5 | | +CCstatuschk_05(C_U10, TCV_TI, TCV_chTch) | | | 2. |
| 6 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To attempt a dual mode call and initiate incall modification. 2. To check whether the MS is still in the state U10 and the verdict is assigned in the test step. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_26_8_1_4_5_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that upon receipt of the MODIFY COMPLETE message indicating a call mode which does not correspond to the requested one the MS discards it and takes no action. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +PreModifySetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 4 | body | LIDL_DatRqModifyCom | ModifyCmpSnd(TCV_chTch, ModifyComp_03(TCV_TI, TCV_Bcap2)) | | 2. |
| 5 | | +CCstatuschk_05(C_U26, TCV_TI, TCV_chTch) | | | 3. |
| 6 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To attempt a dual mode call. 2. The mode (TCV_Bcap1) does not correspond to the requested one (TCV_Bcap2). 3. To check whether the MS does not take any action and the verdict is assigned in the test step. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_8_1_4_5_4 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that upon receipt of the MODIFY REJECT message indicating a call mode which does not correspond to the actual one the MS discards it and takes no action. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +PreModifySetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 4 | body | LIDL_DatRqModifyRej | ModifyRejRqSnd(TCV_chTch, ModifyRjRq_01(TCV_TI, TCV_Bcap1)) | | 2. |
| 5 | | +CCstatuschk_05(C_U26, TCV_TI, TCV_chTch) | | | 3. |
| 6 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To attempt a dual mode call. 2. The mode (TCV_Bcap1) does not correspond to the actual one (TCV_Bcap2). 3. To check whether the MS does not take any action and the verdict is assigned in the test step. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_26_8_1_4_5_5 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that upon expiration of T323 the MS shall initiate the procedures for call clearing with cause #102 "recovery on timer expiry". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +PreModifySetupTimer(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 4 | body | L?DL_DatInDisc (TCV_Fn1 := DL_DatInDisc.fn) READTIMER T_dly(TCV_Time), CANCEL T_dly | DiscRcv(TCV_chTch, Disconn_08(TCV_TI0)) | | 2. |
| 5 | | [(TCV_Time < 27000) OR (TCV_Time >= 33000)] | | (F) | 3. |
| 6 | | +PostMainLinkRel(TCV_chTch) | | | |
| 7 | | [(TCV_Time >= 27000) AND (TCV_Time < 33000)] | | (P) | 4. |
| 8 | | +CCstatuschk_05(C_U11, TCV_TI, TCV_chTch) | | | |
| 9 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. To attempt a dual mode call. 2. The expected DISCONNECT message received. 3. Fail, if the T323 timer value is either greater than or equal to 33 seconds, or less than 27 seconds. 4. Pass, if the timeout value of the T323 timer is OK. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_26_8_1_4_5_6 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | <p>1. To verify that a CC-entity of the MS in CC-state U26, "Mobile Originating Modify", after successful completion of a channel assignment procedure remains in the call state U26.</p> <p>2. To verify that upon receipt of the MODIFY COMPLETE message the MS start sending channel information according to the new call mode and enters the "active" state.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +PreModifySetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 4 | | [TCV_chtype = '00001'B] | | | |
| 5 | | +FullRateCh_A_2(C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 6 | | (TCV_Null := OM_CphMd(TCV_chTch1, CphMod_01, TCV_CphKey)) | | | |
| 7 | | +localtree | | | |
| 8 | | [(TCV_chtype = '00011'B) OR (TCV_chtype = '00010'B)] | | | |
| 9 | | +HalfRateCh_A_2(TSPX_TCHHSubDef, C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 10 | | (TCV_Null := OM_CphMd(TCV_chTch1, CphMod_01, TCV_CphKey)) | | | |
| 11 | | +localtree | | | |
| | | localtree | | | |
| 12 | | +assign | | | 2. |
| 13 | | +CCstatuschk_05(C_U26, TCV_TI, TCV_chTch) | | | |
| 14 | | (TCV_Res := OC_RcsdPresent(TCV_Modify)) | | | |
| 15 | | [TCV_Res] | | | |
| 16 | | LIDL_DatRqModifyCom | ModifyCmpSnd(TCV_chTch, ModifyComp_02(TCV_TI, TCV_Bcap2)) | | |
| 17 | | +localtree1 | | | |
| 18 | | [NOT TCV_Res] | | | |
| 19 | | LIDL_DatRqModifyCom | ModifyCmpSnd(TCV_chTch, ModifyComp_03(TCV_TI, TCV_Bcap2)) | | |
| 20 | | +localtree1 | | | |
| | | localtree1 | | | |
| 21 | | +CCstatuschk_05(C_U10, TCV_TI, TCV_chTch1) | | | 3. |
| 22 | | +PostMainLinkRel(TCV_chTch1) | | | |
| | | assign | | | |
| 23 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 24 | | (TCV_AssCmd := AsgnCmd_31(TCV_chtype, TCV_ChModb, TSPX_TmSltDef, TSPX_TscDef)) | | | |
| 25 | | +AssCh_complete(TCV_chTch, TCV_chTch1, TCV_AssCmd) | | | |
| 26 | | [TSPC_DCS] | | | |
| 27 | | (TCV_AssCmd := AsgnCmd_31d(TCV_chtype, TCV_ChModb, TSPX_TmSltDef, TSPX_TscDef)) | | | |
| 28 | | +AssCh_complete(TCV_chTch, TCV_chTch1, TCV_AssCmd) | | | |
| Detailed Comments: | | <p>1. To attempt a dual mode call.</p> <p>2. To check whether the MS is still in the state U26.</p> <p>3. To check whether the MS is now in the state U10 and the verdict is assigned in the test step.</p> | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_8_1_4_5_7 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC-entity of the MS in CC-state U26, "Mobile Originating Modify", when returning to the old channel after handover failure and having established the link, remains in the call state U26. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +PreModifySetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 4 | | (TCV_chTch1 := C_FACCHF_A_2, TCV_sacchTch1 := C_SACCHF_A_2) | | | |
| 5 | body | +FullRateCh_A_2(C_Rcv, TSPX_TmSlitC, TSPX_TscC, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | 2. |
| 6 | | L!DL_DatRqHoCmd | HndOvSnd(TCV_chTch, HandOverCmd_31(TCV_slot, TCV_tsc)) | | 3. |
| 7 | | (TCV_Res := FALSE) | | | |
| 8 | | REPEAT localtree UNTIL [TCV_Res] | | | |
| 9 | | L?DL_DatInHofl | HndOvFIRcv(TCV_chTch, HandOvFail_01) | (P) | 5. |
| 10 | | +CCstatuschk_05(C_U26, TCV_TI, TCV_chTch) | | | 6. |
| 11 | | +PostMainLinkRel(TCV_chTch) | | | |
| 12 | | localtree L?DL_RaInHoacc | HndOvAccRcv(TCV_chTch1, HandOverAcc_02(TSPX_horfA)) | (P) | 4. |
| 13 | | L?DL_EstIn | DLEstInd_01 | (P) | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To attempt a dual mode call. 2. To setup a receiving only TCH/F for handover. 3. To handover to the channel which does not respond. 4. To check that the MS sends HANDOVER ACCESS messages on the new channel. 5. The expected HANDOVER FAILURE message received. 6. To check whether the MS is still in the state U26. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_26_8_1_4_5_8 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that a CC entity of a MS in CC-state U26, "Mobile Originating Modify", having received an unknown message from its peer entity returns a STATUS message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +PreModifySetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 4 | body | LIDL_DatRqUndefCC | Undef(TCV_chTch, UndefCC_02(TCV_TI)) | | 2. |
| 5 | | L?DL_DatInCcst | CCStatusRcv(CCStatus_08(TCV_TI0, C_U26)) | (P) | 3. |
| 6 | | +CCstatuschk_05(C_U26, TCV_TI, TCV_chTch) | | | 4. |
| 7 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To attempt a dual mode call. 2. To send a message which message type is not defined for CC. 3. Received expected CC STATUS message with state U26. 4. To check whether the MS is still in the state U26 and assign the verdict. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Case Name: | | TC_26_8_1_4_5_9 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | <ol style="list-style-type: none"> 1) To verify that a CC entity of a MS in CC-state U26, "Mobile Originating Modify", upon receipt of a RELEASE COMPLETE message with valid cause value, shall enter CC state U0, "Null". 2) To verify that on returning to idle mode, the CC entities relating to the seven mobile originating transaction identifiers shall be in state U0, "Null". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +PreModifySetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 4 | body | +CCstatuschk_05(C_U26, TCV_TI, TCV_chTch) | | | |
| 5 | | LIDL_DatRqRelCmp | RelComSnd(TCV_chTch, ReleaseCmp_08(TCV_TI)) | | 2. |
| 6 | | +CheckTIInStateU0(TRUE, TCV_chTch) | | | |
| 7 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To attempt a dual mode call and initiate incall modification. 2. To send RELEASE COMPLETE message. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------------------------------|
| Test Case Name: | | TC_26_8_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | The purpose of this test is to verify that the MS can correctly perform a call re-establishment procedure. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_Service := TSPX_MOBscSvcA, TCV_ChRate := TSPX_MOChRateA) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch1 := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellB), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_chtype := '00001'B, TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_11(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +StartCellB_1re(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 9 | | +FullRateCh_B_1(C_Ass, TSPX_TmSltC, TSPX_TscC, ChMod_speech, FreqTCHb, FreqTCHb, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 10 | | +InitCall(TCV_Service) | | | A teleservice is selected. If |
| 11 | | +BasicServiceMO(TCV_Service, TCV_ChRate) | | | |
| 12 | | +CCEstablishMO_SDCCH4(TimingAdv_01) | | | |
| 13 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 14 | | L?DL_EstInCmsRq | CMSerReq(CMSerReq_04) | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | +CCAAuthenticate(TCV_ch) | | | |
| 17 | | +Cipherring_on(TCV_ch) | | | |
| 18 | | +localtree | | | |
| | | localtree | | | |
| 19 | | +SetupRcvMo(SetupInd_01) | | | |
| 20 | | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 21 | | +AssCmdGenMO(TCV_ChRate) | | | |
| 22 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 23 | | L!DL_DatRqAlert | AlertSnd(TCV_chTch, Alerting_01(TCV_TI)) | | |
| 24 | | L!DL_DatRqConn | ConnSnd(TCV_chTch, Connect_02(TCV_TI)) | | |
| 25 | | L?DL_DatInConnAck | ConnAckRcv(ConnectAck_02(TCV_TI0)) | | |
| 26 | body | +LowRfLev_Cellnotavail(C_CellA) | | | Cell A still exists. |

| | | | | |
|---------------------------|--|--|-----|-------------------------|
| 27 | START T_dly(5000) | | | |
| 28 | ?TIMEOUT T_dly | | | |
| 29 | +localtree1 | | | |
| | localtree1 | | | |
| 30 | (TCV_Null := OM_Deactivate(TCV_chTch, TCV_sacchTch)) | | | |
| 31 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq(ChRequest_1 0) | (P) | 1. |
| 32 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 33 | L!DL_UdatRqImmass | ImmAss(C_AGCH_B _1, ImmAsgn_06(TCV_Rr , TCV_Fn, TCV_slot, TCV_tsc, TimingAdv_01)) CmreReq_02 | | |
| 34 | L?DL_EstInCmreRq | | | |
| 35 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 36 | +Cipherring_on(TCV_ch1) | | | |
| 37 | +AssCmdGenMO(TCV_ChRate) | | | |
| 38 | +AssCh_complete(TCV_ch1, TCV_chTch1,TCV_AssCmd) | | | |
| 39 | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 40 | [TCV_Res = FALSE] | | (F) | 2. |
| 41 | +PostMainLinkRel(TCV_chTch1) | | | |
| 42 | [TCV_Res = TRUE] | | (P) | |
| 43 | L!DL_DatRqDisc | DiscSnd(TCV_chTch 1, Disconn_07(TCV_TI)) | | |
| 44 | L?DL_DatInRel | ReleaseRcv(Release _10(TCV_TI0)) | | |
| 45 | L!DL_DatRqRelCmp | RelComSnd(TCV_ch Tch1, ReleaseCmp_08(TCV _TI)) | | |
| 46 | +PostMainLinkRel(TCV_chTch1) | | | |
| Detailed Comments: | | 1. The expected call re-establishment is started. A supported teleservice is selected. If MS supports speech, the selected service is the speech. 2. The bearer channel is not through connected, fail. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Case Name: | | TC_26_8_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | The purpose of this test is to verify that the MS does not attempt call re-establishment when it is not allowed to take place because of the unavailability of a cell allowing call re-establishment. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_Service := TSPX_MOBscSvcB, TCV_ChRate := TSPX_MOChRateB) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_12(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +InitCall(TCV_Service) | | | |
| 9 | | +BasicServiceMO(TCV_Service, TCV_ChRate) | | | |
| 10 | | +CEstablishMO_SDCCH4(TimingAdv_01) | | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L?DL_EstInCmsRq | CMSerReq(CMServiceReq_04) | | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | +CCAuthenticate(TCV_ch) | | | |
| 15 | | +Cipherring_on(TCV_ch) | | | |
| 16 | | +localtree | | | |
| 17 | | localtree +SetupRcvMo(SetupInd_01) | | | |
| 18 | | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 19 | | +AssCmdGenMO(TCV_ChRate) | | | |
| 20 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 21 | | L!DL_DatRqAlert | AlertSnd(TCV_chTch, Alerting_01(TCV_TI)) | | |
| 22 | | L!DL_DatRqConn | ConnSnd(TCV_chTch, Connect_02(TCV_TI)) | | |
| 23 | | L?DL_DatInConnAck | ConnAckRcv(ConnectAck_02(TCV_TI0)) | | |
| 24 | | (TCV_Null := OM_Deactivate(TCV_chTch, TCV_sacchTch)) | | | |
| 25 | | START T_dly(30000) | | | |
| 26 | | L?DL_RaInChRq CANCEL T_dly | ChReq(ChRequest_02) | F | 2. |
| 27 | | ?TIMEOUT T_dly | | P | 3. |
| Detailed Comments: | | <p>1. Default parameters, call reestablishment not allowed. A supported teleservice is selected. If MS supports speech, the selected service is the speech.</p> <p>2. Re-establishment is attempted, fail.</p> <p>3. No re-establishment attempting, pass.</p> | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Case Name: | | TC_26_8_2_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | The purpose of this test is to verify that the MS does not attempt call re-establishment when it is not allowed to take place because of the call control state. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_Service := TSPX_MOBscSvcA, TCV_ChRate := TSPX_MOChRateA) | | | 1. |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_chtype := '00001'B, TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 6 | | +PreEnterIdleState_11(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +InitCall(TCV_Service) | | | |
| 9 | | +BasicServiceMO(TCV_Service, TCV_ChRate) | | | |
| 10 | | +CCEstablishMO_SDCCH4(TimingAdv_01) | | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L?DL_EstInCmsRq | CMSerReq(CMServiceReq_04) | | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | +CCAuthenticate(TCV_ch) | | | |
| 15 | | +Cipherring_on(TCV_ch) | | | |
| 16 | | +localtree | | | |
| 17 | | localtree | | | |
| 17 | | +SetupRcvMo(SetupInd_01) | | | |
| 18 | | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 19 | | +AssCmdGenMO(TCV_ChRate) | | | |
| 20 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 21 | | L!DL_DatRqAlert | AlertSnd(TCV_chTch, Alerting_01(TCV_TI)) | | |
| 22 | body | (TCV_Null := OM_Deactivate(TCV_chTch, TCV_sacchTch)) | | | |
| 23 | | START T_dly(30000) | | | |
| 24 | | L?DL_RacInChRq CANCEL T_dly | ChReq(ChRequest_02) | F | 2. |
| 25 | | ?TIMEOUT T_dly | | P | 3. |
| Detailed Comments: | | 1. Default parameters, reestablishment allowed. 2. Re-establishment is attempted, fail. 3. No re-establishment attempting, pass. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_8_3 | | | |
| Group: | | GSM_L3_MS_v4170/CC/ | | | |
| Purpose: | | To verify that inclusion of the 'user-user' information element in a either of the down link messages, SETUP or DISCONNECT causes no adverse effects on the operation of the MS. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_Setup_mt.uu := TSPX_UuInfo, TCV_Setup_mt.sig := Signal_01) | | | |
| 4 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 5 | | +PreCCSetup(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +CCConfigTCH(C_Ass, TSPX_TmSltDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +CCEstablishMT_SDCCH4(TimingAdv_01) | | | |
| 8 | | +CCAuthenticate(TCV_ch) | | | |
| 9 | | +Cipherring_on(TCV_ch) | | | |
| 10 | body | L!DL_DatRqSetup | SetupSnd(TCV_ch, TCV_Setup_mt) | | |
| 11 | | L?DL_DatInCallCo | CallCfm(CallConfirm_01) | (P) | 1. |
| 12 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 13 | | +localtree | | | |
| 14 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01)) | | |
| 15 | | (TCV_Null := OO_HookOff()) | | | |
| 16 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 17 | | +localtree | | | |
| 18 | | localtree | | | |
| 19 | | +CCAssignTCH(TSPX_TmSltDef, TSPX_TscDef) L!DL_DatRqConnAck | ConnAckSnd(TCV_ch Tch, ConnectAck_01) | | |
| 20 | | START T_dly(30000) | | | |
| 21 | | ?TIMEOUT T_dly | | | |
| 22 | | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_09) | | |
| 23 | | L?DL_DatInRel | ReleaseRcv(Release_10(TI_01)) | (P) | 2. |
| 24 | | L!DL_DatRqRelCmp | RelComSnd(TCV_ch Tch, ReleaseCmp_08(TI_02)) | | |
| 25 | | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | 1. The MS responds to the SETUP message with user-user information IE correctly. 2. The MS responds to the DISCONNECT message with user-user information IE correctly. | | | |

Test Group StructureProc

| Test Case Dynamic Behaviour | |
|------------------------------------|--|
| Test Case Name: | TC_26_9_2 |
| Group: | GSM_L3_MS_v4170/StructureProc/ |
| Purpose: | <p>1) To verify that the MS in MM state "idle, updated" with a TMSI assigned, when made to initiate a call for a selected teleservice that is supported by the MS as declared in a PICS/PIXIT statement, displays the dialled number in the way described in a PICS/PIXIT statement.</p> <p>2) To verify that the MS in MM state "idle, updated" and in RR idle mode, with a TMSI assigned, when made to initiate a call for a selected teleservice that is supported by the MS as declared in a PICS/PIXIT statement, starts to initiate an immediate assignment procedure by sending the CHANNEL REQUEST message with correct establishment cause.</p> <p>3) To verify that subsequently after receipt of an IMMEDIATE ASSIGNMENT message allocating an SDCCH, after completion of establishment of the main signalling link, after having sent a CM SERVICE REQUEST message, after having successfully performed the authentication and cipher mode setting procedures, the MS sends a SETUP message with correct parameters.</p> <p>4) To verify that subsequently, after receipt of a CALL PROCEEDING message and of an ASSIGNMENT COMMAND message allocating an appropriate TCH, after having completed the traffic channel early assignment procedure by replying with the ASSIGNMENT COMPLETE message, after receipt of an ALERTING message and a CONNECT message, the MS returns a CONNECT ACKNOWLEDGE message.</p> <p>5) To verify that subsequently the MS has attached the user connection to the radio path. (This is checked by verifying that there is a point in time after transmission of the first L2 frame containing the (complete) CONNECT message, where the MS is sending appropriate speech or data frames whenever it does not have to transmit or acknowledge an I frame on layer 2 of the FACCH.)</p> <p>6) To verify that subsequently upon the network initiating call clearing by sending a DISCONNECT message, the MS proceed to release the call with RELEASE.</p> <p>7) To verify that subsequently, on receipt of a RELEASE COMPLETE message followed by a CHANNEL RELEASE message, the MS disconnects the main signalling link.</p> <p>These test purposes are tested for all rates supported by the MS (full rate/half rate).</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|------|---|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | body | +testfullrate | | | 1. |
| 5 | | [TSPC_DualRate = TRUE] | | | |
| 6 | | +testhalfrate | | | 2. |
| 7 | | [TSPC_DualRate = FALSE] | | | |
| 8 | | testfullrate (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDA), TCV_chtype:= '00001'B) | | | |
| 9 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 10 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 11 | | (TCV_Null := OO_DialCalledNum()) | | | 4. |
| 12 | | [TSPC_CalledNumDisp = TRUE] | | | |
| 13 | | (TCV_Res := OO_CalledNumCHK()) | | | 5. |

| | | | | |
|----|---|--|-----|-------------------------|
| 14 | [TCV_Res = FALSE] | | (F) | |
| 15 | +AttmpFullRateCall | | | 6. |
| 16 | +BasicServiceMO(TSPX_MO_BscSv c_FRCall, C_Full) | | | |
| 17 | +localtree | | | |
| 18 | [TCV_Res = TRUE] | | (P) | |
| 19 | +AttmpFullRateCall | | | 6. |
| 20 | +BasicServiceMO(TSPX_MO_BscSv c_FRCall, C_Full) | | | |
| 21 | +localtree | | | |
| 22 | [TSPC_CalledNumDisp = FALSE] | | | |
| 23 | +AttmpFullRateCall | | | |
| 24 | +BasicServiceMO(TSPX_MO_BscSvc_F RCall, C_Full) | | | |
| 25 | +localtree | | | |
| | testhalfrate | | | |
| 26 | (TCV_ctype:=TSPX_TCHHSubDef) | | | |
| 27 | +HalfRateCh_A_1(TSPX_TCHHSubDef, C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | 7. |
| 28 | (TCV_Null := OO_DialCalledNum()) | | | 4. |
| 29 | [TSPC_CalledNumDisp = TRUE] | | | |
| 30 | (TCV_Res := OO_CalledNumCHK()) | | | 5. |
| 31 | [TCV_Res = FALSE] | | (F) | |
| 32 | +AttmpHalfRateCall | | | 6. |
| 33 | +BasicServiceMO(TSPX_MO_BscSvc_ HRCall, C_Half) | | | |
| 34 | +localtree | | | |
| 35 | [TCV_Res = TRUE] | | (P) | |
| 36 | +AttmpHalfRateCall | | | 6. |
| 37 | +BasicServiceMO(TSPX_MO_BscSvc_ HRCall, C_Half) | | | |
| 38 | +localtree | | | |
| 39 | [TSPC_CalledNumDisp = FALSE] | | | |
| 40 | +AttmpHalfRateCall | | | |
| 41 | +BasicServiceMO(TSPX_MO_BscSvc_HR Call, C_Half) | | | |
| 42 | +localtree | | | |
| | localtree | | | |
| 43 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | (P) | |
| 44 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 45 | LIDL_UdatRqImmass | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 46 | L?DL_EstInCmsRq | CmsReq_04 | | |
| 47 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 48 | L!DL_DatRqAuthRq | AuthReq_05(TCV_ch) | | |
| 49 | L?DL_DatInAuthRes(TCV_Sres:=DL_DatI nAuthRes.msg.sres) | AuthRes_01 | | |
| 50 | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDA)) | | | |
| 51 | [TCV_Res = FALSE] | | (F) | |
| 52 | +RestoreCphKey(TCV_ch) | | | |
| 53 | +PostMainLinkRel(TCV_ch) | | | |
| 54 | [TCV_Res = TRUE] | | (P) | |
| 55 | +localtree1 | | | |
| | localtree1 | | | |
| 56 | +Ciphering_on(TCV_ch) | | | |
| 57 | +SetupRcvMo(SetupInd_03) | | | |

| | | | | |
|----|--|---|-----|----|
| 58 | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | (P) | |
| 59 | +AssCmdGenMO(TCV_ChRate) | | | |
| 60 | +AssCh_complete(TCV_ch,TCV_chTch,TCV _AssCmd) | | | 8. |
| 61 | +localtree2 | | | |
| | localtree2 | | | |
| 62 | L!DL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | | |
| 63 | [TSPC_AlertInd = TRUE] | | | |
| 64 | (TCV_Res := OO_AltIndCHK()) | | | |
| 65 | [TCV_Res = FALSE] | | (F) | |
| 66 | +RestoreCphKey(TCV_chTch) | | | |
| 67 | +PostMainLinkRel(TCV_chTch) | | | |
| 68 | [TCV_Res = TRUE] | | | |
| 69 | +localtree3 | | | |
| 70 | [TSPC_AlertInd = FALSE] | | | |
| 71 | +localtree3 | | | |
| | localtree3 | | | |
| 72 | L!DL_DatRqConn | Conn_01(TCV_TI, TCV_chTch) | | |
| 73 | L?DL_DatInConnAck | ConnAckRcv_01(TCV _TI0) | (P) | |
| 74 | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 75 | [TCV_Res = FALSE] | | (F) | |
| 76 | +RestoreCphKey(TCV_chTch) | | | |
| 77 | +PostMainLinkRel(TCV_chTch) | | | |
| 78 | [TCV_Res = TRUE] | | (P) | |
| 79 | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 80 | L?DL_DatInRel | ReleaseInd_06(TCV_ TI0) | (P) | |
| 81 | L!DL_DatRqRelCmp | RelCmpRq_05(TCV_ TI, TCV_chTch) | | |
| 82 | +RestoreCphKey(TCV_chTch) | | | |
| 83 | +PostMainLinkRel(TCV_chTch) | | | |

Detailed Comments:

1. To perform the test on full rate channel.
2. To perform the test on half rate channel.
3. To setup two physical channels, one for combined BCCH, CCCh and SDCHH4, another one for full rate traffic channel.
4. To enter the called party number.
5. To check whether the MS displays the called party number correctly.
6. To initiate the call.
7. To setup the previous full rate traffic channel into half rate traffic channel.
8. Early assignment.

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_26_9_3 |
| Group: | GSM_L3_MS_v4170/StructureProc/ |
| Purpose: | <p>1) To verify that the MS in MM state "idle, updated" and in RR idle mode with a TMSI assigned, when made to initiate a call for a selected teleservice that is supported by the MS as declared in a PICS/PIXIT statement, starts to initiate an immediate assignment procedure by sending the CHANNEL REQUEST message.</p> <p>2) To verify that subsequently after receipt of an IMMEDIATE ASSIGNMENT message allocating an SDCCH, after completion of establishment of the main signalling link, after having sent a CM SERVICE REQUEST message, after having successfully performed authentication and cipher mode setting procedures, after having sent a SETUP message, after having received a CALL PROCEEDING message followed by an ALERTING message and an ASSIGNMENT COMMAND message allocating an appropriate TCH, the MS sends an ASSIGNMENT COMPLETE message.</p> <p>3) To verify that subsequently, after the suite of actions specified in test purposes 1 and 2, the MS after receiving a CONNECT message returns a CONNECT ACKNOWLEDGE message.</p> <p>4) To verify that after the suite of actions specified in test purposes 1 and 2, the MS after receiving a CONNECT message attaches the user connection to the radio path. (This is checked by verifying that there is a point in time after transmission of the first L2 frame containing the (complete) CONNECT message, where the MS is sending appropriate speech or data frames whenever it does not have to transmit or acknowledge an I frame on layer 2 of the FACCH.)</p> <p>These test purposes are tested for all rates supported by the MS (full rate/half rate).</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|------|-----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | body | +testfullrate | | | 1. |
| 5 | | [TSPC_DualRate = TRUE] | | | |
| 6 | | +testhalfrate | | | 2. |
| 7 | | [TSPC_DualRate = FALSE] | | | |
| 8 | | testfullrate (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDA), TCV_chtype:= '00001'B) | | | |
| 9 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 10 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 11 | | (TCV_Null := OO_DialCalledNum()) | | | 4. |
| 12 | | [TSPC_CalledNumDisp = TRUE] | | | |
| 13 | | (TCV_Res := OO_CalledNumCHK()) | | | 5. |
| 14 | | [TCV_Res = FALSE] | | (F) | |
| 15 | | +AttmpFullRateCall | | | 6. |
| 16 | | +BasicServiceMO(TSPX_MO_BscSv c_FRCall, C_Full) | | | |
| 17 | | +localtree(C_Full) | | | |
| 18 | | [TCV_Res = TRUE] | | (P) | |
| 19 | | +AttmpFullRateCall | | | 6. |
| 20 | | +BasicServiceMO(TSPX_MO_BscSv c_FRCall, C_Full) | | | |
| 21 | | +localtree(C_Full) | | | |
| 22 | | [TSPC_CalledNumDisp = FALSE] | | | |

| | | | |
|----|--|--|-------------------------|
| 23 | +AttmpFullRateCall | | |
| 24 | +BasicServiceMO(TSPX_MO_BscSvc_F RCall, C_Full) | | |
| 25 | +localtree(C_Full) | | |
| | testhalfrate | | |
| 26 | (TCV_chtype:=TSPX_TCHHSubDef) | | |
| 27 | +HalfRateCh_A_1(TSPX_TCHHSubDef, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | 7. |
| 28 | (TCV_Null := OM_ChMdModi(TCV_chTch, TCV_ChMod)) | | |
| 29 | (TCV_Null := OO_DialCalledNum()) | | 4. |
| 30 | [TSPC_CalledNumDisp = TRUE] | | |
| 31 | (TCV_Res := OO_CalledNumCHK()) | | 5. |
| 32 | [TCV_Res = FALSE] | (F) | |
| 33 | +AttmpHalfRateCall | | 6. |
| 34 | +localtree(C_Half) | | |
| 35 | [TCV_Res = TRUE] | (P) | |
| 36 | +AttmpHalfRateCall | | 6. |
| 37 | +localtree(C_Half) | | |
| 38 | [TSPC_CalledNumDisp = FALSE] | | |
| 39 | +AttmpHalfRateCall | | |
| 40 | +localtree(C_Half) | | |
| | localtree(rate:IA5String) | | |
| 41 | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_04 | (P) |
| 42 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 43 | LIDL_UdatRqImmss | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 44 | L?DL_EstInCmsRq | CmsrerReq_04 | |
| 45 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 46 | LIDL_DatRqAuthRq | AuthReq_05(TCV_ch) | |
| 47 | L?DL_DatInAuthRes (TCV_Sres := DL_DatInAuthRes.msg.sres) | AuthRes_01 | |
| 48 | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDA)) | | |
| 49 | [TCV_Res = FALSE] | | (F) |
| 50 | +RestoreCphKey(TCV_ch) | | |
| 51 | +PostMainLinkRel(TCV_ch) | | |
| 52 | [TCV_Res = TRUE] | | |
| 53 | +localtree1(rate) | | |
| | localtree1(rate:IA5String) | | |
| 54 | +Cipherring_on(TCV_ch) | | |
| 55 | +SetupRcvMo(SetupInd_03) | | |
| 56 | LIDL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | (P) |
| 57 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | |
| 58 | [TSPC_AlertInd = TRUE] | | |
| 59 | (TCV_Res := OO_AltIndCHK()) | | |
| 60 | [TCV_Res = FALSE] | | (F) |
| 61 | +RestoreCphKey(TCV_ch) | | |
| 62 | +PostMainLinkRel(TCV_ch) | | |
| 63 | [TCV_Res = TRUE] | | |
| 64 | +localtree2(rate) | | |
| 65 | [TSPC_AlertInd = FALSE] | | |
| 66 | +localtree2(rate) | | |

| | | | | |
|---------------------------|---|--|-----|--|
| 67 | localtree2(rate:IA5String) | | | |
| 68 | +AssCmdGenMO(rate) | | | |
| 69 | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| | +localtree3 | | | |
| | localtree3 | | | |
| 70 | L!DL_DatRqConn | Conn_01(TCV_TI, TCV_chTch) | | |
| 71 | L?DL_DatInConnAck | ConnAckRcv_01(TCV _TI0) | (P) | |
| 72 | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 73 | [TCV_Res = FALSE] | | (F) | |
| 74 | +RestoreCphKey(TCV_chTch) | | | |
| 75 | +PostMainLinkRel(TCV_chTch) | | | |
| 76 | [TCV_Res = TRUE] | | (P) | |
| 77 | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 78 | L?DL_DatInRel | ReleaseInd_03(TCV_ TI0) | (P) | |
| 79 | L!DL_DatRqRelCmp | RelCmpRq_05(TCV_ TI, TCV_chTch) | | |
| 80 | +RestoreCphKey(TCV_chTch) | | | |
| 81 | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To perform the test on full rate channel. 2. To perform the test on half rate channel. 3. To setup two physical channels, one for combined BCCH, CCCh and SDCHH4, another one for full rate traffic channel. 4. To enter the called party number. 5. To check whether the MS displays the called party number correctly. 6. To initiate the call. 7. To setup the previous full rate traffic channel into half rate traffic channel. 8. Later assignment | | |

Test Case Dynamic Behaviour

Test Case Name: TC_26_9_4

Group: GSM_L3_MS_v4170/StructureProc/

Purpose:

- 1) To verify that the MS in MM state "idle, updated" and in RR idle mode with a TMSI assigned, after being paged by the network on the correct paging subchannel, after initiating the immediate assignment procedure by sending the CHANNEL REQUEST message, after receipt of an IMMEDIATE ASSIGNMENT message allocating an SDCCH, after having sent a PAGING RESPONSE message on the allocated SDCCH, after having performed successful authentication and cipher mode setting procedures, after receipt of a SETUP message not containing a signal information element, returns a CALL CONFIRMED message.
- 2) To verify that subsequently, the SS sending an ASSIGNMENT COMMAND message, the MS successfully continues a mobile terminating call establishment with early assignment of traffic channel
 - a) by replying to the ASSIGNMENT command with an ASSIGNMENT COMPLETE message, and
 - b) by continuing the call establishment by either sending one or two CONNECT messages (with equal N(SD)) or sending an ALERTING message, steps a) and b) being performed in any permitted interleaving.
- 3) To verify that if after sending a CALL PROCEEDING message, the MS sends an ALERTING message during MTC establishment with early assignment, it generates an alerting indication.
- 4) To verify that if an ALERTING had been sent, subsequently, when the user accepts the call (possibly internal action as declared in PICS/PIXIT statement), the MS returns a CONNECT message.
- 5) To verify that the MS:
 - if the call is a speech call: after sending the CONNECT message has through connected the TCH in both directions (this is checked by verifying that after transmission of the first L2 frame containing the (complete) CONNECT message, the MS is sending appropriate speech or data frames whenever it does not have to transmit or acknowledge an I frame on layer 2 of the FACCH.)
 - if the call is a data call: after receipt of a subsequent CONNECT ACKNOWLEDGE message through connects the TCH in both directions (this is checked by verifying that there is a point in time after transmission of the first L2 frame containing the (complete) CONNECT ACKNOWLEDGE message, where the MS is sending appropriate speech or data frames whenever it does not have to transmit or acknowledge an I frame on layer 2 of the FACCH.)
- 6) To verify that subsequently, the MS can initiate call clearing by sending a DISCONNECT message.
- 7) To verify that the MS in this phase of call release, upon receipt of a RELEASE message, returns a RELEASE COMPLETE message.
- 8) To verify that subsequently the MS, upon receipt of a CHANNEL RELEASE message, disconnects the main signalling link.

Default: OtherEventsFail

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|------|----|--|
| 1 | | START T_guard(300) | | | |
| 2 | body | [TSPC_DualRate = TRUE] | | | |
| 3 | | [TSPC_FullRateSpeech = TRUE] | | | For MS supporting speech, the test is performed for speech |
| 4 | | +BasicServiceMT(TSPX_MT_BscSvc_Speech_FullRate, C_Full, FALSE) | | | |
| 5 | | +testfullrate | | 1. | |
| 6 | | [TSPC_HalfRateSpeech = TRUE] | | | |
| 7 | | +BasicServiceMT(TSPX_MT_BscSvc_Speech_HalfRate, C_Half, FALSE) | | | |
| 8 | | +testhalfrate | | 2. | |
| 9 | | [TSPC_HalfRateSpeech = FALSE] | | | |
| 10 | | +BasicServiceMT(TSPX_MT_BscSvc_No_nSpeech_HalfRate, C_Half, FALSE) | | | |
| 11 | | +testhalfrate | | 2. | |
| 12 | | [TSPC_FullRateSpeech = FALSE] | | | For MS not supporting |

| | | | |
|----|--|--|---|
| | | | speech, a teleservice supported by the MS is chosen |
| 13 | +BasicServiceMT(TSPX_MT_BscSvc_NonSpeech_FullRate, C_Full, FALSE) | | |
| 14 | +testfullrate | | 1. |
| 15 | [TSPC_HalfRateSpeech = TRUE] | | |
| 16 | +BasicServiceMT(TSPX_MT_BscSvc_Speech_HalfRate, C_Half, FALSE) | | |
| 17 | +testhalfrate | | 2. |
| 18 | [TSPC_HalfRateSpeech = FALSE] | | |
| 19 | +BasicServiceMT(TSPX_MT_BscSvc_NonSpeech_HalfRate, C_Half, FALSE) | | |
| 20 | +testhalfrate | | 2. |
| 21 | [TSPC_FullRateOnly = TRUE] | | |
| 22 | [TSPC_FullRateSpeech = TRUE] | | |
| 23 | +BasicServiceMT(TSPX_MT_BscSvc_Speech_FullRate, C_Full, FALSE) | | |
| 24 | +testfullrate | | 1. |
| 25 | [TSPC_FullRateSpeech = FALSE] | | |
| 26 | +BasicServiceMT(TSPX_MT_BscSvc_NonSpeech_FullRate, C_Full, FALSE) | | |
| 27 | +testfullrate | | |
| | testfullrate | | |
| 28 | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | |
| 29 | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | |
| 30 | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDA), TCV_chtype := '00001'B) | | |
| 31 | +PreEnterIdleState_03(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | |
| 32 | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | |
| 33 | (TCV_Null := OM_ChMdModi(TCV_chTch, TCV_ChMod)) | | |
| 34 | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | |
| 35 | +localtree(C_Full) | | |
| | testhalfrate | | |
| 36 | (TCV_chtype := TSPX_TCHHSubDef) | | |
| 37 | +HalfRateCh_A_1(TSPX_TCHHSubDef, C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | 4. |
| 38 | (TCV_Null := OM_ChMdModi(TCV_chTch, TCV_ChMod)) | | |
| 39 | +localtree(C_Half) | | |
| | localtree(rate:IA5String) | | |
| 40 | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | |
| 41 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.eau_rfr, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | |
| 42 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 43 | LIDL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, | |

| | | | | |
|----|---|-------------------------------------|-----|------------------------|
| 44 | L?DL_EstInPgRes | TimingAdv_01 | | |
| 45 | ACTIVATE(OtherEventsFail) | PgRes_03 | | Restore Normal default |
| 46 | L!DL_DatRqAuthRq | AuthReq_05(TCV_ch) | | |
| 47 | L?DL_DatInAuthRes(TCV_Sres := DL_DatInAuthRes.msg.sres) | AuthRes_01 | | |
| 48 | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDA)) | | | |
| 49 | [TCV_Res = FALSE] | | (F) | |
| 50 | +RestoreCphKey(TCV_ch) | | | |
| 51 | +PostMainLinkRel(TCV_ch) | | | |
| 52 | [TCV_Res = TRUE] | | (P) | 5. |
| 53 | +localtree1(rate) | | | |
| | localtree1(rate:IA5String) | | | |
| 54 | +Ciphering_on(TCV_ch) | | | |
| 55 | L!DL_DatRqSetup | SetupRq_05(TCV_ch, TCV_Setup_mt) | | 6. |
| 56 | L?DL_DatInCallCo(TCV_CallCfm := DL_DatInCallCo.msg) | CallCfm_01 | | |
| 57 | +asstrafficch(rate) | | | 7. |
| 58 | L?DL_DatInConn (TCV_Mt := DL_DatInConn.msg.mt, TCV_Res:= TRUE) | ConnRcv_01 | | |
| 59 | +localtree2 | | | |
| 60 | +localtree2 | | | |
| | localtree2 | | | |
| 61 | L?DL_DatInConn (TCV_Mt1 := DL_DatInConn.msg.mt) | ConnRcv_03(TCV_ch Tch) | | |
| 62 | [TCV_Res = TRUE] | | | |
| 63 | [TCV_Mt <> TCV_Mt1] | | (F) | |
| 64 | +RestoreCphKey(TCV_chTch) | | | |
| 65 | +PostMainLinkRel(TCV_chTch) | | | |
| 66 | [TCV_Mt = TCV_Mt1] | | (P) | |
| 67 | +localtree3 | | | |
| 68 | [TCV_Res = FALSE] | | | |
| 69 | +localtree3 | | | |
| 70 | L?DL_DatInAlert | AlertRcv_01 | | |
| 71 | [TSPC_AlertInd = TRUE] | | | |
| 72 | (TCV_Res := OO_AltIndCHK()) | | | |
| 73 | [TCV_Res = FALSE] | | (F) | 8. |
| 74 | +RestoreCphKey(TCV_chTch) | | | |
| 75 | +PostMainLinkRel(TCV_chTch) | | | |
| 76 | [TCV_Res = TRUE] | | (P) | |
| 77 | (TCV_Null := OO_HookOff()) | | | 9. |
| 78 | L?DL_DatInConn | ConnRcv_03(TCV_ch Tch) | | |
| 79 | +localtree3 | | | |
| 80 | [TSPC_AlertInd = FALSE] | | | |
| 81 | (TCV_Null := OO_HookOff()) | | | 9. |
| 82 | L?DL_DatInConn | ConnRcv_03(TCV_ch Tch) | | |
| 83 | +localtree3 | | | |
| | localtree3 | | | |
| 84 | [TCV_Setup_mt.bcap1.itc = '000'B] | | | Speech Call |
| 85 | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 86 | [TCV_Res = FALSE] | | (F) | |
| 87 | +RestoreCphKey(TCV_chTch) | | | |
| 88 | +PostMainLinkRel(TCV_chTch) | | | |
| 89 | [TCV_Res = TRUE] | | (P) | |
| 90 | +localtree4 | | | |
| 91 | [TCV_Setup_mt.bcap1.itc <> '000'B] | | | Data Call |
| 92 | +localtree4 | | | |

| | | | | |
|---|---|--|-----|-------------|
| 93 | localtree4 L!DL_DatRqConnAck | ConnAck_01(TCV_chTch) | | |
| 94 | [TCV_Setup_mt.bcap1.itc <> '000'B] | | | Data Call |
| 95 | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 96 | [TCV_Res = FALSE] | | (F) | |
| 97 | +RestoreCphKey(TCV_chTch) | | | |
| 98 | +PostMainLinkRel(TCV_chTch) | | | |
| 99 | [TCV_Res = TRUE] | | (P) | |
| 100 | +localtree5 | | | |
| 101 | [TCV_Setup_mt.bcap1.itc = '000'B] | | | Speech Call |
| 102 | +localtree5 | | | |
| | localtree5 | | | |
| 103 | +TermCall | | | |
| 104 | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TI_01)) | | |
| 105 | LIDL_DatRqRel | RelRq_04(TI_02, TCV_chTch) | | |
| 106 | L?DL_DatInRelCmp | RelCmp_02(TI_01) | | |
| 107 | +RestoreCphKey(TCV_chTch) | | | |
| 108 | +PostMainLinkRel(TCV_chTch) | | | |
| | asstrafficch(rate:IA5String) | | | |
| 109 | (TCV_Res := FALSE) | | | |
| 110 | +AssCmdGenMT(rate) | | | |
| 111 | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| Detailed Comments: | | | | |
| <ol style="list-style-type: none"> 1. To perform the test on full rate channel. 2. To perform the test on half rate channel. 3. To setup two physical channels, one for combined BCCH, CCch and SDCHH4, another one for full rate traffic channel. 4. To setup the previous full rate channel into half rate channel. 5. Authentication is OK. 6. SETUP message without signal IE. 7. Early assignment. 8. Alerting indication not correct. 9. To accept the call at the MS. | | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_26_9_5 |
| Group: | GSM_L3_MS_v4170/StructureProc/ |
| Purpose: | <p>1) To verify that the MS in "Idle, Updated" state with a TMSI assigned, after being paged by the network on the correct paging subchannel, after initiating the immediate assignment procedure by sending the CHANNEL REQUEST message, after receipt of an IMMEDIATE ASSIGNMENT message allocating an SDCCH, after having established the main signalling link, after having sent a PAGING RESPONSE message, after having performed successful authentication and cipher mode setting procedures, after receipt of a SETUP message containing a signal information element, returns a CALL CONFIRMED message followed by</p> <ul style="list-style-type: none"> - an ALERTING message - or a CONNECT message. <p>2) To verify that in the situation of test purpose 1, if the MS sends an ALERTING message, the MS generates an alerting indication in the way described in a PICS/PIXIT statement.</p> <p>3) To verify that subsequently the MS, if it had not yet sent a CONNECT message, upon acceptance of the call, sends a CONNECT message.</p> <p>4) To verify that subsequently after receipt of an ASSIGNMENT COMMAND, the MS sends an ASSIGNMENT COMPLETE message.</p> <p>5) To verify that subsequently the MS</p> <ul style="list-style-type: none"> - if the call is a speech call: after sending the ASSIGNMENT COMPLETE message has through connected the TCH in both directions (this is checked by verifying that after transmission of the first L2 frame containing the (complete) ASSIGNMENT COMPLETE message, the MS is sending appropriate speech or data frames whenever it does not have to transmit or acknowledge an I frame on layer 2 of the FACCH.) - if the call is a data call: after receipt of a subsequent CONNECT ACKNOWLEDGE message through connects the TCH in both directions (this is checked by verifying that there is a point in time after transmission of the first L2 frame containing the (complete) CONNECT ACKNOWLEDGE message, where the MS is sending appropriate speech or data frames whenever it does not have to transmit or acknowledge an I frame on layer 2 of the FACCH.) <p>These test purposes are tested for all rates supported by the MS (full rate/half rate).</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|------|----|---|
| 1 | | START T_guard(300) | | | |
| 2 | body | [TSPC_DualRate = TRUE] | | | |
| 3 | | [TSPC_FullRateSpeech = TRUE] | | | For MS supporting speech, the test is performed for speech |
| 4 | | +BasicServiceMT(TSPX_MT_BscSvc_Speech_FullRate, C_Full, FALSE) | | | |
| 5 | | +testfullrate | | 1. | |
| 6 | | [TSPC_HalfRateSpeech = TRUE] | | | |
| 7 | | +BasicServiceMT(TSPX_MT_BscSvc_Speech_HalfRate, C_Half, FALSE) | | | |
| 8 | | +testhalfrate | | 2. | |
| 9 | | [TSPC_HalfRateSpeech = FALSE] | | | |
| 10 | | +BasicServiceMT(TSPX_MT_BscSvc_No nSpeech_HalfRate, C_Half, FALSE) | | | |
| 11 | | +testhalfrate | | 2. | |
| 12 | | [TSPC_FullRateSpeech = FALSE] | | | For MS not supporting speech, a teleservice supported by the MS is chosen |
| 13 | | +BasicServiceMT(TSPX_MT_BscSvc_NonSpeech_FullRate, C_Full, FALSE) | | | |
| 14 | | +testfullrate | | 1. | |
| 15 | | [TSPC_HalfRateSpeech = TRUE] | | | |
| 16 | | +BasicServiceMT(TSPX_MT_BscSvc_Speech_HalfRate, C_Half, FALSE) | | | |
| 17 | | +testhalfrate | | 2. | |

| | | | |
|----|--|--|-------------------------|
| 18 | [TSPC_HalfRateSpeech = FALSE] | | |
| 19 | +BasicServiceMT(TSPX_MT_BscSvc_No nSpeech_HalfRate, C_Half, FALSE) | | |
| 20 | +testhalfrate | | 2. |
| 21 | [TSPC_FullRateOnly = TRUE] | | |
| 22 | [TSPC_FullRateSpeech = TRUE] | | |
| 23 | +BasicServiceMT(TSPX_MT_BscSvc_Speech_ FullRate, C_Full, FALSE) | | |
| 24 | +testfullrate | | 1. |
| 25 | [TSPC_FullRateSpeech = FALSE] | | |
| 26 | +BasicServiceMT(TSPX_MT_BscSvc_NonSpee ch_FullRate, C_Full, FALSE) | | |
| 27 | +testfullrate | | |
| | testfullrate | | |
| 28 | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | |
| 29 | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | |
| 30 | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDA), TCV_chtype:='00001'B) | | |
| 31 | +PreEnterIdleState_03(C_Immass,TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | |
| 32 | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | |
| 33 | (TCV_Null := OM_ChMdModi(TCV_chTch, TCV_ChMod)) | | |
| 34 | +CCCH_group_Paging_group(TCV_Ccd0 A, TSPX_IMSI) | | |
| 35 | +localtree(C_Full) | | |
| | testhalfrate | | |
| 36 | (TCV_chtype:=TSPX_TCHHSubDef) | | |
| 37 | +HalfRateCh_A_1(TSPX_TCHHSubDef, C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | 4. |
| 38 | (TCV_Null := OM_ChMdModi(TCV_chTch, TCV_ChMod)) | | |
| 39 | +localtree(C_Half) | | |
| | localtree(rate:IA5String) | | |
| 40 | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | |
| 41 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | |
| 42 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 43 | L!DL_UdatRqImm | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 44 | L?DL_EstInPgRes | PgRes_03 | |
| 45 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 46 | L!DL_DatRqAuthRq | AuthReq_05(TCV_ch) | |
| 47 | L?DL_DatInAuthRes(TCV_Sres:=DL_D atInAuthRes.msg.sres) | AuthRes_01 | |
| 48 | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDA)) | | |
| 49 | [TCV_Res = FALSE] | | (F) |

| | | | | | |
|----|--|--|-------------------------------------|-----|----|
| 50 | | +RestoreCphKey(TCV_ch) | | | |
| 51 | | +PostMainLinkRel(TCV_ch) | | | |
| 52 | | [TCV_Res = TRUE] | | (P) | 5. |
| 53 | | +localtree1(rate) | | | |
| | | localtree1(rate:IA5String) | | | |
| 54 | | +Cipherring_on(TCV_ch) | | | |
| 55 | | (TCV_Setup_mt.sig := Signal_01) | | | |
| 56 | | LIDL_DatRqSetup | SetupRq_05(TCV_ch, TCV_Setup_mt) | | 6. |
| 57 | | L?DL_DatInCallCo (TCV_CallCfm := DL_DatInCallCo.msg) | CallCfm_01 | | |
| 58 | | L?DL_DatInConn | ConnRcv_01 | | |
| 59 | | +localtree2(rate) | | | |
| 60 | | L?DL_DatInAlert | AlertRcv_01 | | |
| 61 | | [TSPC_AlertInd = TRUE] | | | |
| 62 | | (TCV_Res := OO_AltIndCHK()) | | | |
| 63 | | [TCV_Res = FALSE] | | (F) | 8. |
| 64 | | +RestoreCphKey(TCV_ch) | | | |
| 65 | | +PostMainLinkRel(TCV_ch) | | | |
| 66 | | [TCV_Res = TRUE] | | (P) | |
| 67 | | (TCV_Null := OO_HookOff()) | | | 9. |
| 68 | | L?DL_DatInConn | ConnRcv_01 | | |
| 69 | | +localtree2(rate) | | | |
| 70 | | [TSPC_AlertInd = FALSE] | | | |
| 71 | | (TCV_Null := OO_HookOff()) | | | 9. |
| 72 | | L?DL_DatInConn | ConnRcv_01 | | |
| 73 | | +localtree2(rate) | | | |
| | | localtree2(rate:IA5String) | | | |
| 74 | | +AssCmdGenMT(rate) | | | |
| 75 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 76 | | +localtree3 | | | |
| | | localtree3 | | | |
| 77 | | [TCV_Setup_mt.bcap1.itc = '000'B] | | | |
| 78 | | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 79 | | [TCV_Res = FALSE] | | (F) | |
| 80 | | +RestoreCphKey(TCV_chTch) | | | |
| 81 | | +PostMainLinkRel(TCV_chTch) | | | |
| 82 | | [TCV_Res = TRUE] | | (P) | |
| 83 | | +localtree4 | | | |
| 84 | | [TCV_Setup_mt.bcap1.itc <> '000'B] | | | |
| 85 | | +localtree4 | | | |
| | | localtree4 | | | |
| 86 | | LIDL_DatRqConnAck | ConnAck_01(TCV_ch Tch) | | |
| 87 | | [TCV_Setup_mt.bcap1.itc <> '000'B] | | | |
| 88 | | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 89 | | [TCV_Res = FALSE] | | (F) | |
| 90 | | +RestoreCphKey(TCV_chTch) | | | |
| 91 | | +PostMainLinkRel(TCV_chTch) | | | |
| 92 | | [TCV_Res = TRUE] | | (P) | |
| 93 | | +RestoreCphKey(TCV_chTch) | | | |
| 94 | | +PostMainLinkRel(TCV_chTch) | | | |
| 95 | | [TCV_Setup_mt.bcap1.itc = '000'B] | | | |
| 96 | | +RestoreCphKey(TCV_chTch) | | | |
| 97 | | +PostMainLinkRel(TCV_chTch) | | | |

Detailed Comments:

1. To perform the test on full rate channel.
2. To perform the test on half rate channel.
3. To setup two physical channels, one for combined BCCH, CCCh and SDCHH4, another one for full rate traffic channel.
4. To setup the previous full rate channel into half rate channel.

5. Authentication is OK.
6. SETUP message without signal IE.
7. Late assignment.
8. Alerting indication not correct.
9. To accept the call at the MS.

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_26_9_6_1_1 |
| Group: | GSM_L3_MS_v4170/StructureProc/ |
| Purpose: | <p>1) To verify that an MS supporting speech in the MM state "idle, updated", when made to call the number 112, sends a CHANNEL REQUEST message with establishment cause "emergency call".</p> <p>2) To verify that after assignment of a dedicated channel the first layer message sent by the MS on the assigned dedicated channel is a CM SERVICE REQUEST message specifying the correct CKSN and TMSI, with CM Service Type "emergency call establishment" .</p> <p>3) To verify that authentication and cipher mode setting are performed successfully.</p> <p>4) To verify that after cipher mode setting acceptance by the SS, the MS sends an EMERGENCY SETUP message.</p> <p>5) To verify that subsequently, the SS having sent a CALL PROCEEDING message and then an ALERT message and having initiated the assignment procedure of an appropriate speech traffic channel, which, if the MS supports both TCH/FS and TCH/HS, is at the preferred rate, the MS performs correctly that assignment procedure.</p> <p>6) To verify subsequent correct performance of a connect procedure.</p> <p>7) To verify that subsequently the MS has through connected the TCH in both directions.</p> <p>8) To verify that the call is cleared correctly.</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|--|-----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | body | +AttmpEmgCall | | | |
| 7 | | +BasicServiceMO(C_EmgCallSRV, TSPX_MO_rate_EmergencyCall) | | | |
| 8 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_18 | (P) | 2. |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 10 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 11 | | L?DL_EstInCmsRq | CmserReq_06 | (P) | 3. |
| 12 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 13 | | LIDL_DatRqAuthRq | AuthReq_05(TCV_ch) | | |
| 14 | | L?DL_DatInAuthRes(TCV_Sres := DL_DatInAuthRes.msg.sres) | AuthRes_01 | | |
| 15 | | +localbody | | | |
| 16 | | localbody (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDA)) | | | |

| | | | | |
|----|--|--------------------------------|-----|-----|
| 17 | [TCV_Res = FALSE] | | (F) | 4. |
| 18 | +RestoreCphKey(TCV_ch) | | | |
| 19 | +PostMainLinkRel(TCV_ch) | | | |
| 20 | [TCV_Res = TRUE] | | (P) | 5. |
| 21 | +Ciphering_on(TCV_ch) | | | |
| 22 | [TSPC_FullRateOnly = TRUE] | | | |
| 23 | +testfullratems | | | |
| 24 | [TSPC_DualRate = TRUE] | | | |
| 25 | +testdualratems | | | |
| | testfullratems | | | |
| 26 | L?DL_DatInESetup (TCV_TI := DL_DatInESetup.msg.ti, TCV_TIO := TCV_TI, TCV_TI.ti_f := '1'B) | ESetupInd_02 | (P) | 6. |
| 27 | (TCV_chtype:='00001'B, TCV_ChMod:=ChMod_speech) | | | |
| 28 | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | 7. |
| 29 | LIDL_DatRqCallProc | CallProc_01(TCV_TI, TCV_ch) | | |
| 30 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 31 | +ltree_Asgn1 | | | |
| 32 | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 33 | +localtree | | | |
| | testdualratems | | | |
| 34 | L?DL_DatInESetup (TCV_TI := DL_DatInESetup.msg.ti, TCV_TIO := TCV_TI, TCV_TI.ti_f := '1'B, TCV_Rchr := DL_DatInESetup.msg.bcap.rchr, TCV_Bcap1 := DL_DatInESetup.msg.bcap) | ESetupInd_03 | | 9. |
| 35 | [TCV_Rchr = '11'B] | | | 10. |
| 36 | (TCV_Bcap1.rchr := '01'B) | | | |
| 37 | (TCV_chtype:='00001'B, TCV_ChMod:=ChMod_speech) | | | |
| 38 | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | 7. |
| 39 | LIDL_DatRqCallProc (DL_DatRqCallProc.msg.bcap1 := TCV_Bcap1) | CallProc_04(TCV_TI, TCV_ch) | | |
| 40 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 41 | +ltree_Asgn1 | | | |
| 42 | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 43 | +localtree | | | |
| 44 | [TCV_Rchr = '10'B] | | | 11. |
| 45 | (TCV_Bcap1.rchr := '01'B) | | | |
| 46 | (TCV_chtype:=TSPX_TCHHSubDef, TCV_ChMod:=ChMod_speech) | | | |
| 47 | +HalfRateCh_A_1(TSPX_TCHHSubDef, C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | 12. |
| 48 | LIDL_DatRqCallProc (DL_DatRqCallProc.msg.bcap1 := TCV_Bcap1) | CallProc_04(TCV_TI, TCV_ch) | | |
| 49 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 50 | +ltree_Asgn2 | | | |
| 51 | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | 13. |
| 52 | +localtree | | | |

| | | | | |
|----|---|---|-----|-----|
| 53 | localtree L!DL_DatRqConn | Conn_01(TCV_TI, TCV_chTch) | | |
| 54 | L?DL_DatInConnAck | ConnAckRcv_01(TCV _TI0) | (P) | |
| 55 | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 56 | [TCV_Res = FALSE] | | (F) | 14. |
| 57 | +RestoreCphKey(TCV_chTch) | | | |
| 58 | +PostMainLinkRel(TCV_chTch) | | | |
| 59 | [TCV_Res = TRUE] | | (P) | 15. |
| 60 | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 61 | L?DL_DatInRel | ReleaseInd_06(TCV_ TI0) | (P) | |
| 62 | L!DL_DatRqRelCmp | RelCmpRq_05(TCV_ TI, TCV_chTch) | | |
| 63 | +RestoreCphKey(TCV_chTch) | | | |
| 64 | +PostMainLinkRel(TCV_chTch) | | | |
| | ltree_Asgn1 | | | |
| 65 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 66 | (TCV_AssCmd := AsgnCmd_tchf(TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 67 | [TSPC_DCS] | | | |
| 68 | (TCV_AssCmd := AsgnCmd_dtchf(TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| | ltree_Asgn2 | | | |
| 69 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 70 | (TCV_AssCmd := AsgnCmd_tchh(TSPX_TCHHSubDef, TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 71 | [TSPC_DCS] | | | |
| 72 | (TCV_AssCmd := AsgnCmd_dtchh(TSPX_TCHHSubDef, TSPX_TmSlitDef, TSPX_TscDef)) | | | |

Detailed Comments:

1. To setup a physical channels as BCCH CCCH and SDCCH4 combined channel.
2. CHANNEL REQUEST with "emergency call establishment" cause received.
3. CM SERVICE REQUEST with "emergency call establishment" service type correct TMSI and CKSN received.
4. Authentication failed.
5. Authentication passed.
6. EMERGENCY SETUP with BC indicating "full rate channel" or without BC received.
7. To setup a physical channel as full rate traffic channel.
8. To assign a full rate channel.
9. EMERGENCY SETUP with BC indicating "dual rate / half rate preferred" or " dual rate / full rate preferred" received.
10. "dual rate / full rate preferred" case. Full rate channel is to be assigned.
11. "dual rate / half preferred" case. Half rate channel is to be assigned.
12. To setup a physical channel as full rate traffic channel.
13. To assign half rate channel.
14. The TCH channel is not through connected, fail.
15. The TCH channel is through connected.

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_26_9_6_1_2 |
| Group: | GSM_L3_MS_v4170/StructureProc/ |
| Purpose: | <p>1) To verify that the MS in the "idle, no IMSI" state (no SIM inserted) when made to call the number 112, sends a CHANNEL REQUEST message with establishment cause "emergency call".</p> <p>2) To verify that after assignment of a dedicated channel the first layer message sent by the MS on the assigned dedicated channel is a CM SERVICE REQUEST message specifying the correct CKSN and TMSI, with CM Service Type "emergency call establishment".</p> <p>3) To verify that after receipt of a CM SERVICE ACCEPT message from the SS, the MS sends an EMERGENCY SETUP message.</p> <p>4) To verify that subsequently, the SS having sent a CALL PROCEEDING message and then an ALERT message and having initiated the assignment procedure of an appropriate speech traffic channel, which, if the MS supports both TCH/FS and TCH/HS, is at the non-preferred rate, the MS performs correctly that assignment procedure.</p> <p>5) To verify subsequent correct performance of a connect procedure.</p> <p>6) To verify that subsequently the MS has through connected the TCH in both directions.</p> <p>7) To verify that the call is cleared correctly.</p> |

Default: OtherEventsFail

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|--|-----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | body | +localbody | | | |
| | | localbody | | | |
| 7 | | +AttmpEmgCall | | | |
| 8 | | +BasicServiceMO(C_EmgCallSRV, TSPX_MO_rate_EmergencyCall) | | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_18 | (P) | 2. |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_04) | | |
| 12 | | L?DL_EstInCmsRq | CmserReq_06 | (P) | 3. |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | L!DL_DatRqAuthRq | AuthReq_05(TCV_ch) | | |
| 15 | | L?DL_DatInAuthRes | AuthRes_01 | | |
| 16 | | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDA)) | | | |
| 17 | | [TCV_Res = FALSE] | | (F) | 4. |
| 18 | | +RestoreCphKey(TCV_ch) | | | |
| 19 | | +PostMainLinkRel(TCV_ch) | | | |
| 20 | | [TCV_Res = TRUE] | | (P) | 5. |
| 21 | | +Cipherring_on(TCV_ch) | | | |

| | | | | |
|----|--|---|-----|-----|
| 22 | +testdualratems | | | |
| | testdualratems | | | |
| 23 | L?DL_DatInESetup (TCV_TI := DL_DatInESetup.msg.ti, TCV_TIO := TCV_TI, TCV_TI.ti.f := '1'B, TCV_Rchr := DL_DatInESetup.msg.bcap.rchr, TCV_Bcap1 := DL_DatInESetup.msg.bcap) | ESetupInd_03 | (P) | 6. |
| 24 | [TCV_Rchr = '10'B] | | | 7. |
| 25 | (TCV_Bcap1.rchr := '01'B) | | | |
| 26 | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 27 | LIDL_DatRqCallProc (DL_DatRqCallProc.msg.bcap1 := TCV_Bcap1) | CallProc_04(TCV_TI, TCV_ch) | | 8. |
| 28 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 29 | +ltree_Asgn1 | | | |
| 30 | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 31 | +localtree | | | |
| 32 | [TCV_Rchr = '11'B] | | | 11. |
| 33 | (TCV_Bcap1.rchr := '00'B) | | | |
| 34 | +HalfRateCh_A_1(TSPX_TCHHSubDef, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | 12. |
| 35 | LIDL_DatRqCallProc (DL_DatRqCallProc.msg.bcap1 := TCV_Bcap1) | CallProc_04(TCV_TI, TCV_ch) | | 13. |
| 36 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 37 | +ltree_Asgn2 | | | |
| 38 | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 39 | +localtree | | | |
| | localtree | | | |
| 40 | LIDL_DatRqConn | Conn_01(TCV_TI, TCV_chTch) | | |
| 41 | L?DL_DatInConnAck | ConnAckRcv_01(TCV _TIO) | (P) | |
| 42 | (TCV_Res := OO_TCHthroConnCHK()) | | | |
| 43 | [TCV_Res = FALSE] | | (F) | 15. |
| 44 | +RestoreCphKey(TCV_chTch) | | | |
| 45 | +PostMainLinkRel(TCV_chTch) | | | |
| 46 | [TCV_Res = TRUE] | | (P) | 16. |
| 47 | LIDL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 48 | L?DL_DatInRel | ReleaseInd_06(TCV_ TIO) | (P) | |
| 49 | LIDL_DatRqRelCmp | RelCmpRq_05(TCV_ TI, TCV_chTch) | | |
| 50 | +RestoreCphKey(TCV_chTch) | | | |
| 51 | +PostMainLinkRel(TCV_chTch) | | | |
| | ltree_Asgn1 | | | |
| 52 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 53 | (TCV_AssCmd := AsgnCmd_tchf(TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 54 | [TSPC_DCS] | | | |
| 55 | (TCV_AssCmd := AsgnCmd_dtchf(TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| | ltree_Asgn2 | | | |
| 56 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 57 | (TCV_AssCmd := | | | |

| | | | | |
|--|--|--|--|--|
| 58 59 | AsgnCmd_tchh(TSPX_TCHHSubDef, TSPX_TmSltDef, TSPX_TscDef) [TSPC_DCS] (TCV_AssCmd := AsgnCmd_dtchh(TSPX_TCHHSubDef, TSPX_TmSltDef, TSPX_TscDef)) | | | |
| <p>Detailed Comments:</p> <ol style="list-style-type: none"> 1. To setup a physical channels as BCCH CCCH and SDCCH4 combined channel. 2. CHANNEL REQUEST with "emergency call establishment" cause received. 3. CM SERVICE REQUEST with "emergency call establishment" service type received. 4. Authentication failed. 5. Authentication passed. 6. EMERGENCY SETUP with a BC indicating "dual rate/half rate preferred" or "dual rate/full rate preferred" received. 7. "dual rate / half rate preferred" case. setup a physical channel as full rate traffic channel and the non-preferred full rate channel is to be assigned. 8. To send CALL PROCEEDING message indicating the non-preferred channel rate (full rate). 9. To assign a full rate traffic channel. 10. The assignment procedure succeeds. 11. "dual rate / full rate preferred" case. setup a physical channel as half rate traffic channel and the non-preferred half rate channel is to be assigned. 12. To setup a physical channel as half rate traffic channel. 13. To send CALL PROCEEDING message indicating the non-preferred channel rate (half rate). 14. The assignment procedure succeeds. 15. The TCH channel is not through connected, fail. 16. The TCH channel is through connected. | | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_26_9_6_2_1 |
| Group: | GSM_L3_MS_v4170/StructureProc/ |
| Purpose: | <p>1) To verify that the MS in the "idle, no IMSI" state (no SIM inserted) when made to call the number 112, sends a CHANNEL REQUEST message with establishment cause "emergency call".</p> <p>2) To verify that after assignment of a dedicated channel the first layer message sent by the MS on the assigned dedicated channel is a CM SERVICE REQUEST message in which the cipher key sequence number IE indicates "no key is available", the CM service type IE indicates "emergency call establishment", and the mobile identity IE specifies the IMEI of the MS.</p> <p>3) To verify that after receipt of a CM SERVICE ACCEPT message from the SS, the MS sends an EMERGENCY SETUP message.</p> <p>4) To verify that subsequently, the SS having sent a CALL PROCEEDING message and then an ALERT message and having initiated the assignment procedure of an appropriate speech traffic channel, which, if the MS supports both TCH/FS and TCH/HS, is at the preferred rate, the MS performs correctly that assignment procedure.</p> <p>5) To verify subsequent correct performance of a connect procedure.</p> <p>6) To verify that subsequently the MS has through connected the TCH in both directions.</p> <p>7) To verify that the call is cleared correctly.</p> |
| Default: | OtherEventsFail |
| Comments: | For this test case the SIM card shall be removed from the MS. |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|-----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | body | +AttmptEmgCall | | | |
| 7 | | +BasicServiceMO(C_EmgCallSRV, TSPX_MO_rate_EmergencyCall) | | | |
| 8 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_18 | (P) | 2. |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 10 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 11 | | L?DL_EstInCmsRq | CmserReq_07 | (P) | 3. |
| 12 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 13 | | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | | |
| 14 | | +localtree | | | |
| | | localtree | | | |
| 15 | | +SetupRcvE(ESetup_01) | | | 4. |
| 16 | | LIDL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 17 | | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 18 | | [TCV_ChMod.mode = C_ChMod_r] | | | |
| 19 | | (TCV_chtype:=00001'B) | | | |
| 20 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmStDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, | | 2. | |

| | | | | |
|---------------------------|--|---|-----|--------|
| 21 | FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 22 | +ltree_Asgn1 | | | |
| 23 | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 24 | +localtree1 | | | |
| 25 | [TCV_ChMod.mode = C_ChMod2_r] | | | |
| 26 | (TCV_chtype:=TSPX_TCHHSubDef) | | | |
| 27 | +HalfRateCh_A_1_nociph(TSPX_TCHHSubDef, C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | 3. |
| 28 | +ltree_Asgn2 | | | |
| 29 | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 30 | +localtree1 | | | |
| 31 | L!DL_DatRqConn | Conn_01(TCV_TI, TCV_chTch) | | |
| 32 | L?DL_DatInConnAck | ConnAckRcv_01(TCV _TI0) | (P) | |
| 33 | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 34 | [TCV_Res = FALSE] | | | (F) 6. |
| 35 | +PostMainLinkRel(TCV_chTch) | | | |
| 36 | [TCV_Res = TRUE] | | | (P) 7. |
| 37 | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 38 | L?DL_DatInRel | ReleaseInd_06(TCV_ TI0) | (P) | |
| 39 | L!DL_DatRqRelCmp | RelCmpRq_05(TCV_ TI, TCV_chTch) | | |
| 40 | L!DL_DatRqChRel | ChRel_01(TCV_chTc h) | | |
| 41 | L?DL_Relln | DLRellnd_01 | (P) | 8. |
| 42 | ltree_Asgn1 | | | |
| 43 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 44 | (TCV_AssCmd := AsgnCmd_tchf(TSPX_TmSltDef, TSPX_TscDef)) | | | |
| 45 | [TSPC_DCS] | | | |
| 46 | (TCV_AssCmd := AsgnCmd_dtchf(TSPX_TmSltDef, TSPX_TscDef)) | | | |
| 47 | ltree_Asgn2 | | | |
| 48 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 49 | (TCV_AssCmd := AsgnCmd_tchh(TSPX_TCHHSubDef, TSPX_TmSltDef, TSPX_TscDef)) | | | |
| 50 | [TSPC_DCS] | | | |
| 51 | (TCV_AssCmd := AsgnCmd_dtchh(TSPX_TCHHSubDef, TSPX_TmSltDef, TSPX_TscDef)) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH CCCH and SDCCH4 combined channel. 2. CHANNEL REQUEST with "emergency call establishment" cause received. 3. CM SERVICE REQUEST with "emergency call establishment" service type received and the mobile identity IE specifies the IMEI of the MS, the classmark IE has the value specified in PIXIT. 4. EMERGENCY SETUP with BC indicating or without BC received. 5. To assign the traffic channel with preferred rate. 6. The TCH channel is not through connected, fail. 7. The TCH channel is through connected. 8. Main signalling link is released. | | |

Test Case Dynamic Behaviour

Test Case Name: TC_26_9_6_2_2

Group: GSM_L3_MS_v4170/StructureProc/

Purpose:

- 1) To verify that the MS in the "idle, no IMSI" state (no SIM inserted) when made to call the number 112, sends a CHANNEL REQUEST message with establishment cause "emergency call".
- 2) To verify that after assignment of a dedicated channel the first layer message sent by the MS on the assigned dedicated channel is a CM SERVICE REQUEST message in which the cipher key sequence number IE indicates "no key is available", the CM service type IE indicates "emergency call establishment", and the mobile identity IE specifies the IMEI of the MS.
- 3) To verify that after receipt of a CM SERVICE REJECT message from the SS, the MS abandons the emergency call establishment.

Default: OtherEventsFail

Comments: For this test case the SIM card shall be removed from the MS.

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|-----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | body | +localtree | | | |
| | | localtree | | | |
| 7 | | +AttmpEmgCall | | | |
| 8 | | +BasicServiceMO(C_EmgCallSRV, TSPX_MO_rate_EmergencyCall) | | | |
| 9 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_18 | (P) | 2. |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 12 | | L?DL_EstInCmsRq | CmserReq_07 | (P) | 3. |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | L!DL_DatRqCmsRej | CmserRej_02(TCV_ch) | | |
| 15 | | START T_dly(5000) | | | 4. |
| 16 | | ?TIMEOUT T_dly | | | |
| 17 | | +PostMainLinkRel(TCV_ch) | | | |
| 18 | | START T_dly(20000) | | | 5. |
| 19 | | ?TIMEOUT T_dly | | | |

Detailed Comments:

1. To setup a physical channel as BCCH CCCH and SDCCH4.
2. CHANNEL REQUEST with "emergency call" received.
3. CM SERVICE REQUEST with "emergency call establishment", IMEI, "no key available" and classmark received.
4. To check whether the MS sends any L 3 messages, the test case fails in the default tree if the MS does.
5. To check whether the MS initiates an RR connection establishment, the test case fails in the default tree if the MS does.

Test Group EGSMsignalling

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------------------------|---|----------|
| Test Case Name: | | TC_26_10_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/EGSMsignalling/ | | | |
| Purpose: | | To verify that the MS reports appropriate results when the test system gives information about neighbouring cells | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 3 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 4 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 5 | | (TCV_Cnt:=0) | | | |
| 6 | | REPEAT ltree_loopForC UNTIL [TCV_Cnt =6] | | | |
| 7 | | ltree_loopForC (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| 8 | | +ltree_StartMultiCells | | | |
| 9 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 10 | body | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 11 | | (TCV_Null := OM_StartMsrReport(TCV_sacchTch)) | | | |
| 12 | | +ltree_receiveMsrRept | | | |
| 13 | | +gsmOrDcs1(1, 2) | | | |
| 14 | | START T_dly1(960) | | | 960 ms |
| 15 | | +ltree_receiveMsrRept2 | | | |
| 16 | | +gsmOrDcs1(1, 2) | | | |
| 17 | | (TCV_Null := OM_StopMsrReport(TCV_sacchTch)) | | | |
| 18 | | +PostMainLinkRel(TCV_chTch) | | | |
| 19 | | +execution2 | | | |
| 20 | | execution2 | | | |
| 21 | | +ltree_sysinfo5and5bis | | | 1. |
| 22 | | +PreEnterCCstateU10_r01(TimingAdv_r01, TSPX_SDCCH4SubA, 0, 3) | | | |
| 23 | | (TCV_Null := OM_StartMsrReport(TCV_sacchTch)) | | | |
| 24 | | +ltree_receiveMsrRept | | | |
| 25 | | +gsmOrDcs1(1, 3) | | | |
| 26 | | START T_dly1(960) | | | 960 ms |
| 27 | | +ltree_receiveMsrRept2 | | | |
| 28 | | +gsmOrDcs1(1, 3) | | | |
| 29 | | (TCV_Null := OM_StopMsrReport(TCV_sacchTch)) | | | |
| 30 | | +PostMainLinkRel(TCV_chTch) | | | |
| 31 | | (TCV_Cnt:=(TCV_Cnt +1)) | | | |
| 32 | | ltree_sysinfo5and5bis [TCV_Cnt = 1] LIDL_UdatRqSysinfo5 | SysInfo5_01(TCV_sacch, | | |

| | | | |
|----|---|---|--------|
| 33 | LIDL_UdatRqSysinfo5bis | BcchFreqLst_e201) SysInfo5bis_01(TCV_ sacch,BcchFreqLst_e 207) | |
| 34 | [TCV_Cnt = 2] | | |
| 35 | LIDL_UdatRqSysinfo5 | SysInfo5_01(TCV_sa cch, BcchFreqLst_e202) | |
| 36 | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_ sacch, BcchFreqLst_e208) | |
| 37 | [TCV_Cnt = 3] | | |
| 38 | LIDL_UdatRqSysinfo5 | SysInfo5_01(TCV_sa cch, BcchFreqLst_e203) | |
| 39 | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_ sacch, BcchFreqLst_e209) | |
| 40 | [TCV_Cnt = 4] | | |
| 41 | LIDL_UdatRqSysinfo5 | SysInfo5_01(TCV_sa cch, BcchFreqLst_e204) | |
| 42 | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_ sacch, BcchFreqLst_e210) | |
| 43 | [TCV_Cnt = 5] | | |
| 44 | LIDL_UdatRqSysinfo5 | SysInfo5_01(TCV_sa cch, BcchFreqLst_e205) | |
| 45 | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_ sacch, BcchFreqLst_e211) | |
| 46 | [TCV_Cnt = 6] | | |
| 47 | LIDL_UdatRqSysinfo5 | SysInfo5_01(TCV_sa cch, BcchFreqLst_e206) | |
| 48 | LIDL_UdatRqSysinfo5bis | SysInfo5bis_01(TCV_ sacch, BcchFreqLst_e212) | |
| | gsmOrDcs1(in1, in2:INTEGER) | | |
| 49 | [TSPC_EGSM = TRUE] | | |
| 50 | (TCV_Res := OC_MsrReptChk(TCV_MsrRes, in1)) | | |
| 51 | [TCV_Res = FALSE] | | (F) |
| 52 | [TCV_Res = TRUE] | | (P) |
| | Itree_receiveMsrRept | | |
| 53 | [TCV_Cnt = 1] | | |
| 54 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_03e(MsrRes ult_03e1) | |
| 55 | [TCV_Cnt = 2] | | |
| 56 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_03e(MsrRes ult_03e2) | |
| 57 | [TCV_Cnt = 3] | | |
| 58 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_03e(MsrRes ult_03e3) | |
| 59 | [TCV_Cnt = 4] | | |
| 60 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_03e(MsrRes ult_03e4) | |
| 61 | [TCV_Cnt = 5] | | |
| 62 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_03e(MsrRes ult_03e5) | |
| 63 | [TCV_Cnt = 6] | | |
| 64 | L?DL_UdatInMsrRpt (TCV_MsrRes := DL_UdatInMsrRpt.msg.msrr) | MsrRept_04e | |
| | Itree_receiveMsrRept2 | | |
| 65 | [TCV_Cnt = 1] | | |
| 66 | ?TIMEOUT T_dly1 | | (F) 1. |
| 67 | +PostMainLinkRel(TCV_chTch) | | |

| | | | | |
|---------------------------|--|--|-----|----|
| 68 | L?DL_UdatInMsRpt (TCV_MsrRes := DL_UdatInMsRpt.msg.msrr) CANCEL T_dly1 | MsrRept_03e(MsrRes ult_03e1) | | |
| 69 | [TCV_Cnt = 2] | | | |
| 70 | ?TIMEOUT T_dly1 | | (F) | 1. |
| 71 | +PostMainLinkRel(TCV_chTch) | | | |
| 72 | L?DL_UdatInMsRpt (TCV_MsrRes := DL_UdatInMsRpt.msg.msrr) CANCEL T_dly1 | MsrRept_03e(MsrRes ult_03e2) | | |
| 73 | [TCV_Cnt = 3] | | | |
| 74 | ?TIMEOUT T_dly1 | | (F) | 1. |
| 75 | +PostMainLinkRel(TCV_chTch) | | | |
| 76 | L?DL_UdatInMsRpt (TCV_MsrRes := DL_UdatInMsRpt.msg.msrr) CANCEL T_dly1 | MsrRept_03e(MsrRes ult_03e3) | | |
| 77 | [TCV_Cnt = 4] | | | |
| 78 | ?TIMEOUT T_dly1 | | (F) | 1. |
| 79 | +PostMainLinkRel(TCV_chTch) | | | |
| 80 | L?DL_UdatInMsRpt (TCV_MsrRes := DL_UdatInMsRpt.msg.msrr) CANCEL T_dly1 | MsrRept_03e(MsrRes ult_03e4) | | |
| 81 | [TCV_Cnt = 5] | | | |
| 82 | ?TIMEOUT T_dly1 | | (F) | 1. |
| 83 | +PostMainLinkRel(TCV_chTch) | | | |
| 84 | L?DL_UdatInMsRpt (TCV_MsrRes := DL_UdatInMsRpt.msg.msrr) CANCEL T_dly1 | MsrRept_03e(MsrRes ult_03e5) | | |
| 85 | [TCV_Cnt = 6] | | | |
| 86 | ?TIMEOUT T_dly1 | | (F) | 1. |
| 87 | +PostMainLinkRel(TCV_chTch) | | | |
| 88 | L?DL_UdatInMsRpt (TCV_MsrRes := DL_UdatInMsRpt.msg.msrr) CANCEL T_dly1 | MsrRept_04e | | |
| | Itree_StartMultiCells | | | |
| 89 | [TCV_Cnt = 0] | | | |
| 90 | +StartMultiCells_02(BcchFreqLst_21, BcchFreqLst_27, C_Immass, TCV_slot, TCV_tsc, TimingAdv_r01, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 91 | [TCV_Cnt = 1] | | | |
| 92 | +StartMultiCells_02e(BcchFreqLst_e201, BcchFreqLst_27, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 93 | [TCV_Cnt = 2] | | | |
| 94 | +StartMultiCells_02e(BcchFreqLst_e202, BcchFreqLst_27, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 95 | [TCV_Cnt = 3] | | | |
| 96 | +StartMultiCells_02e(BcchFreqLst_e203, BcchFreqLst_27, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 97 | [TCV_Cnt = 4] | | | |
| 98 | +StartMultiCells_02e(BcchFreqLst_e204, BcchFreqLst_27, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 99 | [TCV_Cnt = 5] | | | |
| 100 | +StartMultiCells_02e(BcchFreqLst_e205, BcchFreqLst_27, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| 101 | [TCV_Cnt = 6] | | | |
| 102 | +StartMultiCells_02e(BcchFreqLst_e206, BcchFreqLst_27, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O) | | | |
| Detailed Comments: | | 1. The interval between 2 successive layer 2 frames containing MEASUREMENT REPORT exceeds one layer 2 frame, fail. | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_26_10_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/EGSMsignalling/ | | | |
| Purpose: | | To verify that the MS can correctly set up a dedicated control channel when E-GSM frequencies are used. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | pre | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_22(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '000'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubA, C_Ass, TSPX_TmSltNotZero, TSPX_TscDef, ChMod_sign, FreqSDCCH8_e1, FreqSDCCH8_e1, TimingAdv_01, '000'B, '000'B, '011'B) | | | for 1) |
| 7 | | +SysInfo_5bisSending(TCV_sacch8, TCV_sysinfo5bis) | | | |
| 8 | | +SDCCH8_A_2_nociph(TSPX_SDCCH8SubB, C_Ass, TSPX_TmSltNotZero, TSPX_TscDef, ChMod_r01, FreqSDCCH8_e2, FreqSDCCH8_e2, TimingAdv_01, '000'B, '000'B, '011'B) | | | for 2) |
| 9 | | +SysInfo_5bisSending(TCV_sacchTch, TCV_sysinfo5bis) | | | |
| 10 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 11 | body | REPEAT localtree_body UNTIL [TCV_Cnt =2] | | | |
| 12 | | localtree_body L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 13 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 14 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 15 | | +ltree_send_immass | | | |
| 16 | | L?DL_EstInPgRes | PgRes_02(TCV_ch) | (P) | |
| 17 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 18 | | +ChanRel(TCV_ch) | | | |
| 19 | | (TCV_Cnt := TCV_Cnt + 1) | | | |
| 20 | | ltree_send_immass [TCV_Cnt = 1] | | | |
| 21 | | L!DL_UdatRqImm | ImmAss_E_01(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, TSPX_TscDef, TCV_chdescr_arfcn, TimingAdv_01) | | 1) |
| 22 | | (TCV_ch := OC_SubchOfSdcch8(TSPX_SDCCH8SubA, C_CellA, 1)) | | | |
| 23 | | [TCV_Cnt = 2] | | | |
| 24 | | L!DL_UdatRqImm | ImmAss_E_02(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, TSPX_TscDef, TimingAdv_01) | | 2) |
| 25 | | (TCV_ch := OC_SubchOfSdcch8(TSPX_SDCCH8SubB, C_CellA, 2)) | | | |

| | | | | |
|--|---|--|--|--|
| <p>26 27</p> | <p>localtree_varinit +Varinit_fixcommon (TCV_cellid:=C_CellA, TCV_PgCh:= C_PCH_A_1, TCV_chdescr_arfcn:= 1015, TCV_ia_ts:= TSPX_TmSlitNotZero, TCV_Cnt:= 0)</p> | | | |
| <p>Detailed Comments: 1) Immediate Assignment with single RF on ARFCN=1015 2) Immediate Assignment with frequency hopping</p> | | | | |

| Test Case Dynamic Behaviour | | | | | |
|--|-------|--|---|---|-------------------------|
| Test Case Name: TC_26_10_2_3 | | | | | |
| Group: GSM_L3_MS_v4170/EGSMsignalling/ | | | | | |
| Purpose: | | | | | |
| 1. To verify that upon receipt of an ASSIGNMENT COMMAND, the MS switches to the channel defined in the ASSIGNMENT COMMAND, establishes the link and sends an ASSIGNMENT COMPLETE message. | | | | | |
| 2. To verify that an MS, having received an ASSIGNMENT COMMAND, is able in case of frequency hopping to decode the mobile allocation and frequency list correctly and applies the specified frequencies. | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | pre | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_23(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubDef, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_sign, FreqBCCHa_rg, FreqBCCHa_rd1, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +SysInfo_5bisSending(TCV_sacch8, TCV_sysinfo5bis) | | | |
| 8 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 9 | body | REPEAT localtree_body UNTIL [TCV_Cnt =2] | | | |
| 10 | | localtree_body L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 11 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 12 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 13 | | LIDL_UdatRqImmass | ImmAss_27(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 14 | | L?DL_EstInPgRes | PgRes_02(TCV_ch) | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | +ltree_chtype | | | |
| 17 | | +ltree_send_ch_assign | | | |
| 18 | | +ChanRel(TCV_chTch) | | | |
| 19 | | (TCV_Cnt := (TCV_Cnt + 1)) | | | Loop for K |
| 20 | | ltree_chtype [TSPC_FullRateSpeech = TRUE] | | | |
| 21 | | (TCV_chtype := '00001'B) | | | for TCH |
| 22 | | [TSPC_FullRateSpeech = FALSE] | | | |
| 23 | | (TCV_chtype := INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubA)),5)) | | | for SDCCH8 |
| 24 | | ltree_send_ch_assign [TCV_Cnt = 1] | | | |
| 25 | | (TCV_asscmd_ts :=INT_TO_BIT(((BIT_TO_INT(TSPX_TmSlitA) + 1) MOD 8), 3), TCV_Cnt1 := 1) | | | |
| 26 | | REPEAT ltree_assign1 UNTIL [TCV_Cnt1 =6] | | | |
| 27 | | [TCV_Cnt = 2] | | | |
| 28 | | (TCV_Cnt1 := 1) | | | |

| | | | |
|----|--|--|------------|
| 29 | REPEAT ltree_assign2 UNTIL [TCV_Cnt1 =6] | | |
| | ltree_assign1 | | |
| 30 | +ltree_assign1_setup | | |
| 31 | +ltree_chnassign1 | | |
| 32 | (TCV_AssCmd := AsgnCmd_22_Ae1(TCV_asscmd_ts,TCV_chtype, TCV_flist, TCV_flist)) | | |
| 33 | +AssCh_complete(TCV_ch,TCV_chTch,TCV_A ssCmd) | | 1) |
| 34 | (TCV_Cnt1 := (TCV_Cnt1 + 1)) | | Loop for C |
| | ltree_assign2 | | |
| 35 | +ltree_assign2_setup | | |
| 36 | +ltree_asscmdsending | | |
| 37 | (TCV_Cnt1 := (TCV_Cnt1 + 1)) | | |
| | ltree_asscmdsending | | |
| 38 | [TCV_Cnt1 = 4] | | |
| 39 | +ltree_chnassign1 | | 3) |
| 40 | (TCV_AssCmd := AsgnCmd_22_Ae2(TCV_asscmd_ts, TCV_chtype, TCV_cchdescr,TCV_mae1)) | | |
| 41 | +AssCh_complete(TCV_ch,TCV_chTch,TCV_A ssCmd) | | 2) |
| 42 | [TCV_Cnt1 <> 4] | | |
| 43 | +ltree_chnassign2 | | 4) |
| 44 | (TCV_AssCmd := AsgnCmd_22_Ae3(TCV_asscmd_ts, TCV_chtype, TCV_cchdescr,TCV_mae1, TCV_mae2)) | | |
| 45 | +AssCh_complete(TCV_ch,TCV_chTch,TCV_A ssCmd) | | 2) |
| | ltree_chnassign1 | | |
| 46 | [TSPC_FullRateSpeech = TRUE] | | 1) |
| 47 | +FullRateCh_A_1_nociph(C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_speech, FreqTCH_ef1(TCV_mae1, TCV_flist, TCV_flist), FreqTCH_ef1(TCV_mae1, TCV_flist, TCV_flist), TimingAdv_01, '000'B, '001'B, '011'B) | | |
| 48 | +SysInfo_5bisSending(TCV_sacchTch, TCV_sysinfo5bis) | | |
| 49 | [TSPC_FullRateSpeech = FALSE] | | 2) |
| 50 | +SDCCH8_A_1_2_nociph(TSPX_SDCCH8SubA, C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_sign, FreqTCH_ef1(TCV_mae1,TCV_flist, TCV_flist), FreqTCH_ef1(TCV_mae1,TCV_flist, TCV_flist), TimingAdv_01, '000'B, '001'B, '011'B) | | |
| 51 | +SysInfo_5bisSending(TCV_sacchTch, TCV_sysinfo5bis) | | |
| | ltree_chnassign2 | | |
| 52 | [TSPC_FullRateSpeech = TRUE] | | 1) |
| 53 | +FullRateCh_A_1_nociph(C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_speech, FreqTCH_ef2(TCV_mae1, TCV_mae2, TCV_flist, TCV_flist), FreqTCH_ef2(TCV_mae1, TCV_mae2, TCV_flist, TCV_flist), TimingAdv_01, '000'B, '001'B, '011'B) | | |
| 54 | +SysInfo_5bisSending(TCV_sacchTch, TCV_sysinfo5bis) | | |
| 55 | [TSPC_FullRateSpeech = FALSE] | | 2) |
| 56 | +SDCCH8_A_1_2_nociph(TSPX_SDCCH8SubA, C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_sign, FreqTCH_ef2(TCV_mae1, TCV_mae2, TCV_flist, TCV_flist), FreqTCH_ef2(TCV_mae1, TCV_mae2, TCV_flist, TCV_flist), TimingAdv_01, '000'B, '001'B, '011'B) | | |
| 57 | +SysInfo_5bisSending(TCV_sacchTch, TCV_sysinfo5bis) | | |

| | | | | |
|--|---|--|-----------|--|
| <p>58 59 60 61 62 63 64 65 66 67 68 69</p> | <p>ltree_assign1_setup [TCV_Cnt1 = 1] (TCV_flist := C_flist_e_401, TCV_flistl:= '04'O, TCV_mae1:= '00000111'B) [TCV_Cnt1 = 2] (TCV_flist := C_flist_e_402, TCV_flistl:= '06'O, TCV_mae1:= '00011111'B) [TCV_Cnt1 = 3] (TCV_flist := C_flist_e_403, TCV_flistl:= '06'O, TCV_mae1:= '00001111'B) [TCV_Cnt1 = 4] (TCV_flist := C_flist_e_404, TCV_flistl:= '06'O, TCV_mae1:= '00001111'B) [TCV_Cnt1 = 5] (TCV_flist := C_flist_e_405, TCV_flistl:= '07'O, TCV_mae1:= '00111111'B) [TCV_Cnt1 = 6] (TCV_flist := C_flist_e_406, TCV_flistl:= '10'O, TCV_mae1:= '00000111'B)</p> | | | |
| <p>70 71 72 73 74 75 76 77 78 79 80 81</p> | <p>ltree_assign2_setup [TCV_Cnt1 = 1] (TCV_cchdescr := C_cchd_e_407, TCV_mae1:= '00011100'B, TCV_mae2:= '00000000'B, TCV_flist:= C_flist_e_407, TCV_flistl:= '05'O) [TCV_Cnt1 = 2] (TCV_cchdescr := C_cchd_e_408, TCV_mae1:= '00000000'B, TCV_mae2:= '11111000'B, TCV_flist:= C_flist_e_408, TCV_flistl:= '0D'O) [TCV_Cnt1 = 3] (TCV_cchdescr := C_cchd_e_409, TCV_mae1:= '00000000'B, TCV_mae2:= '00001111'B, TCV_flist:= C_flist_e_409, TCV_flistl:= '10'O) [TCV_Cnt1 = 4] (TCV_cchdescr := C_cchd_e_415, TCV_mae1:= '11100011'B, TCV_flist:= C_flist_e_415, TCV_flistl:= '09'O) [TCV_Cnt1 = 5] (TCV_cchdescr := C_cchd_e_411, TCV_mae1:= '00000001'B, TCV_mae2:= '11110000'B, TCV_flist:= C_flist_e_411, TCV_flistl:= '07'O) [TCV_Cnt1 = 6] (TCV_cchdescr := C_cchd_e_412, TCV_mae1:= '00000000'B, TCV_mae2:= '00000111'B, TCV_flist:= C_flist_e_412, TCV_flistl:= '10'O)</p> | | | |
| <p>82 83</p> | <p>localtree_varinit +Varinit_fixcommon (TCV_cellid:= C_CellA, TCV_PgCh:= C_PCH_A_1, TCV_chdescr_arfcn:= 20, TCV_ia_ts:= TSPX_TmSltA, TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_Cnt := 0)</p> | | <p>2)</p> | |
| <p>Detailed Comments: 1) Assignment Command without Cell Channel Description IE 2) Assignment Command with Cell Channel Description IE 3) Length of mobile allocation contents is 1 octet 4) PDU contains Mobile Allocation with 2 octets</p> | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------------|-----|------------|
| Test Case Name: | | TC_26_10_2_4_1 | | | |
| Group: | | GSM_L3_MS_v4170/EGSMsignalling/ | | | |
| Purpose: | | To check that the MS correctly performs a non-synchronized handover, from a non hopping primary band SDCCH to a hopping TCH or SDCCH using E-GSM frequencies, whatever the coding used for the hopping sequence description and that it activates the new channel correctly. | | | |
| | | This tested in the following case: E-GSM signalling/ Handover / successful / call under establishment / non-synchronized / - from SDCCH/8 to TCH/F if the MS supports a TCH - from SDCCH/8 to SDCCH/8 if not | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +ltree_timingadv_init | | | |
| 5 | | +PreEnterIdleState_202e(C_NotCombined, C_NotCombined, C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TCV_TimingAdv, '000'B, '000'B, '000'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_A_1(TSPX_SDCCH8SubA, C_Ass, TCV_ia_ts, TCV_tsc, ChMod_sign, FreqTCH_ef1(TCV_mae1, TCV_flist,TCV_flist), FreqTCH_ef1(TCV_mae1, TCV_flist,TCV_flist), TCV_TimingAdv, '000'B, '000'B, '011'B) | | | |
| 7 | body | (TCV_Cnt2 :=0) | | | |
| 8 | | REPEAT localtree_body UNTIL [TCV_Cnt2 =3] | | | Loop for k |
| | | localtree_body | | | |
| 9 | | (TCV_Cnt1 :=0) | | | |
| 10 | | REPEAT ltree_execloopC UNTIL [TCV_Cnt1=6] | | | Loop for c |
| 11 | | (TCV_Cnt2 := (TCV_Cnt2 +1)) | | | |
| | | ltree_execloopC | | | |
| 12 | | +localtree_varinit | | | |
| 13 | | (TCV_Null := OM_NotAckSetup(TCV_ch)) | | | |
| 14 | | +EstMsOrigTCHF_init(C_CHSDCCH8_FH, 1, TCV_TimingAdv) | | | |
| 15 | | +ltree_chtype | | | |
| 16 | | +ltree_chconfig | | | |
| 17 | | +ltree_hoexec | | | |
| 18 | | +ltree_hocompl | | | |
| 19 | | L?DL_DatInSetup (TCV_Mt1 :=DL_DatInSetup.msg.mt) | SetupIn_01 | | 3) |
| 20 | | +localtree_mt | | | 4) |
| 21 | | +ChanRel(TCV_ch) | | | |
| 22 | | (TCV_Cnt1:= (TCV_Cnt1+1)) | | | |
| | | localtree_mt | | | |
| 23 | | [TCV_Mt1 = TCV_Mt] | | (P) | |
| 24 | | [TCV_Mt1 <> TCV_Mt] | | (F) | |
| | | ltree_chtype | | | |
| 25 | | [TSPC_FullRateSpeech = TRUE] | | | |
| 26 | | (TCV_chtype := '00001'B) | | | for TCH |
| 27 | | [TSPC_FullRateSpeech = FALSE] | | | |
| 28 | | (TCV_chtype := INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubDef)),5)) | | | for SDCCH8 |
| | | ltree_hoexec | | | |
| 29 | | +ltree_varinit2 | | | |

| | | | | |
|----|--|---|--|------------|
| 30 | [TCV_Cnt2 = 1] | | | Loop for k |
| 31 | LIDL_DatRqHoCmd | HndOv_22_B1e(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TCV_chtype, TCV_flist, TCV_flistl, TCV_TimingAdviei) | | |
| 32 | [TCV_Cnt2 = 2] | | | Loop for k |
| 33 | LIDL_DatRqHoCmd | HndOv_22_B2e(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TCV_chtype, TCV_flist, TCV_flistl, TCV_TimingAdviei) | | |
| 34 | [TCV_Cnt2 = 3] | | | Loop for k |
| 35 | LIDL_DatRqHoCmd | HndOv_22_B3e(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TCV_chtype, TCV_cchdescr, TCV_mae1, TCV_mae2, TCV_TimingAdviei) | | |
| | Itree_hocompl | | | |
| 36 | [TSPC_FullRateSpeech = TRUE] | | | 1) |
| 37 | (TCV_ch := C_FACCHF_B_1) | | | |
| 38 | +RR_hocomp1(500, TCV_TimingAdv) | | | |
| 39 | [TSPC_FullRateSpeech = FALSE] | | | 2) |
| 40 | (TCV_ch := OC_SubchOfSdcch8(TSPX_SDCCH8SubA, C_CellB, 1)) | | | |
| 41 | +RR_hocomp1(750, TCV_TimingAdv) | | | |
| | Itree_chconfig | | | |
| 42 | [TCV_Cnt2 = 1] | | | |
| 43 | [TCV_Cnt1 = 1] | | | |
| 44 | (TCV_flist := C_flist_e_401, TCV_flistl := '05'O, TCV_mae1 := '00000111'B) | | | |
| 45 | [TCV_Cnt1 = 2] | | | |
| 46 | (TCV_flist := C_flist_e_402, TCV_flistl := '06'O, TCV_mae1 := '00011111'B) | | | |
| 47 | [TCV_Cnt1 = 3] | | | |
| 48 | (TCV_flist := C_flist_e_403, TCV_flistl := '06'O, TCV_mae1 := '00001111'B) | | | |
| 49 | [TCV_Cnt1 = 4] | | | |
| 50 | (TCV_flist := C_flist_e_404, TCV_flistl := '06'O, TCV_mae1 := '00001111'B) | | | |
| 51 | [TCV_Cnt1 = 5] | | | |
| 52 | (TCV_flist := C_flist_e_405, TCV_flistl := '07'O, TCV_mae1 := '00111111'B) | | | |
| 53 | [TCV_Cnt1 = 6] | | | |
| 54 | (TCV_flist := C_flist_e_406, TCV_flistl := '00'O, TCV_mae1 := '00000000'B) | | | not used |
| 55 | [TCV_Cnt2 = 2] | | | |
| 56 | [TCV_Cnt1 = 1] | | | |
| 57 | (TCV_flist := C_flist_e_401, TCV_flistl := '05'O, TCV_mae1 := '00000111'B) | | | |
| 58 | [TCV_Cnt1 = 2] | | | |
| 59 | (TCV_flist := C_flist_e_402, TCV_flistl := '06'O, TCV_mae1 := '00011111'B) | | | |
| 60 | [TCV_Cnt1 = 3] | | | |
| 61 | (TCV_flist := C_flist_e_403, TCV_flistl := '06'O, TCV_mae1 := '00001111'B) | | | |
| 62 | [TCV_Cnt1 = 4] | | | |
| 63 | (TCV_flist := C_flist_e_404, TCV_flistl := '06'O, TCV_mae1 := '00001111'B) | | | |
| 64 | [TCV_Cnt1 = 5] | | | |

```

65      (TCV_flist := C_flist_e_405, TCV_flistl:= '07'O,
        TCV_mae1:= '00111111'B)
66      [TCV_Cnt1 = 6]
67      (TCV_flist := C_flist_e_406, TCV_flistl:= '10'O,
        TCV_mae1:= '00000111'B)
68      [TCV_Cnt2 = 3]
69      [TCV_Cnt1 = 1]
70      (TCV_cchdescr := C_cchd_e_407,
        TCV_mae1:= '00011100'B,
        TCV_mae2:= '00000000'B,
        TCV_flist:= C_flist_e_407, TCV_flistl:= '05'O)
71      [TCV_Cnt1 = 2]
72      (TCV_cchdescr := C_cchd_e_408,
        TCV_mae1:= '00000000'B,
        TCV_mae2:= '11111000'B, TCV_flist:=
        C_flist_e_408, TCV_flistl:= '0D'O)
73      [TCV_Cnt1 = 3]
74      (TCV_cchdescr := C_cchd_e_409,
        TCV_mae1:= '00000000'B,
        TCV_mae2:= '00001111'B, TCV_flist:=
        C_flist_e_409, TCV_flistl:= '10'O)
75      [TCV_Cnt1 = 4]
76      (TCV_cchdescr := C_cchd_e_410,
        TCV_mae1:= '00000110'B,
        TCV_mae2:= '00000110'B, TCV_flist:=
        C_flist_e_410, TCV_flistl:= '0A'O)
77      [TCV_Cnt1 = 5]
78      (TCV_cchdescr := C_cchd_e_411,
        TCV_mae1:= '00000001'B,
        TCV_mae2:= '11110000'B, TCV_flist:=
        C_flist_e_411, TCV_flistl:= '07'O)
79      [TCV_Cnt1 = 6]
80      (TCV_cchdescr := C_cchd_e_412,
        TCV_mae1:= '00000000'B,
        TCV_mae2:= '00000111'B, TCV_flist:=
        C_flist_e_412, TCV_flistl:= '10'O)

localtree_varinit
81      +Varinit_fixcommon
82      (TCV_cellid:=C_CellA, TCV_sacch:=
        OC_SubchOfSacch4( TSPX_SDCCH4SubA,
        C_CellA), TCV_sacch_B := OC_SubchOfSacch4(
        TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:=
        C_PCH_A_1, TCV_ia_ts:= TSPX_TmSltNotZero,
        TCV_ts:= TSPX_TmSltNotZero, TCV_Cntref:=
        TSPX_hoaccessA, TCV_Horf:= TSPX_horfA,
        TCV_Pwrlvl_ho:= TSPX_PwrlvlA, TCV_flist:=
        C_flist_e_414, TCV_flistl:= '10'O, TCV_mae1 :=
        '00001101'B)

ltree_varinit2
83      (TCV_cellid:=C_CellB)
84      [TSPC_FullRateSpeech = TRUE]
85      [TCV_Cnt2 <> 3]
86      +FullRateCh_B_1( C_Ass, TCV_ts,
        TSPX_TscDef, ChMod_speech, FreqTCH_ef1(
        TCV_mae1, TCV_flist, TCV_flistl),
        FreqTCH_ef1( TCV_mae1, TCV_flist,
        TCV_flistl), TCV_TimingAdv, '000'B, '000'B,
        '011'B)
87      [TCV_Cnt2 = 3]
88      +FullRateCh_B_1( C_Ass, TCV_ts,
        TSPX_TscDef, ChMod_speech, FreqTCH_ef2(
        TCV_mae1, TCV_mae2, TCV_flist, TCV_flistl),
        FreqTCH_ef2( TCV_mae1, TCV_mae2,
        TCV_flist, TCV_flistl), TCV_TimingAdv, '000'B,
        '000'B, '011'B)
89      [TSPC_FullRateSpeech = FALSE]
90      [TCV_Cnt2 <> 3]
91      +SDCCH8_B_1( TSPX_SDCCH8SubDef,
        C_Asynho, TCV_ts, TSPX_TscDef,
        ChMod_sign, FreqTCH_ef1( TCV_mae1,

```

| | | | |
|--------------------------------------|---|--|------------|
| 92 | TCV_flist, TCV_flistl), FreqTCH_ef1(TCV_mae1, TCV_flist, TCV_flistl), TCV_TimingAdv, '000'B, '000'B, '011'B) | | |
| 93 | [TCV_Cnt2 = 3] +SDCCH8_B_1(TSPX_SDCCH8SubDef, C_Asynho, TCV_ts, TSPX_TscDef, ChMod_sign, FreqTCH_ef2(TCV_mae1, TCV_mae2, TCV_flist, TCV_flistl), FreqTCH_ef2(TCV_mae1, TCV_mae2, TCV_flist, TCV_flistl), TCV_TimingAdv, '000'B, '000'B, '011'B) | | |
| 94 | ltree_timingadv_init +localtree_varinit | | |
| 95 | [TSPC_FullRateSpeech = TRUE] | | |
| 96 | (TCV_TimingAdv := TimingAdv_03, TCV_TimingAdviei := TimingAdv_03iei) | | for TCH |
| 97 | [TSPC_FullRateSpeech = FALSE] | | |
| 98 | (TCV_TimingAdv := TimingAdv_r02, TCV_TimingAdviei := TimingAdv_r02iei) | | for SDCCH8 |
| Detailed Comments: | | | |
| 1) HO from SDCCH8 no FH to TCH/F FH | | | |
| 2) HO from SDCCH8 no FH to SDCCH8 FH | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_26_10_2_4_2 | | | |
| Group: | | GSM_L3_MS_v4170/EGSMsignalling/ | | | |
| Purpose: | | To check that the MS correctly returns to the old channel in the case of an handover failure caused by a layer 1 failure on the target cell, even if the origin is in the P-GSM band and the targeting the E-GSM band. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_202e(C_Combined, C_NotCombined, C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '000'B, '011'B, '00'O) | | | |
| 6 | | +ltree_chtype | | | |
| 7 | | +ltree_u10 | | | |
| 8 | | +ltree_body | | | |
| | | ltree_body | | | |
| 9 | | (TCV_flist := C_flist_e_413, TCV_flist:= '05'O, TCV_mae1:= '00000111'B) | | | |
| 10 | | +FullRateCh_B_1(C_Ass, TCV_ts, TCV_tsc, ChMod_speech, FreqTCH_ef1(TCV_mae1, TCV_flist, TCV_flist), FreqTCH_ef1(TCV_mae1, TCV_flist, TCV_flist), TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 11 | | (TCV_L1Head0 := OM_GetL1Hd(TCV_ch)) | | | |
| 12 | | +send_ho | | | |
| 13 | | START T_dly(480000) | | | |
| 14 | | (TCV_Cnt:=0) | | | |
| 15 | | REPEAT ltree_hoacc UNTIL [TCV_Cnt = TCV_Cntref] | | | |
| 16 | | (TCV_L1Head := OM_GetL1Hd(TCV_ch)) | | | |
| 17 | | L?DL_DatInHofl | HndOvFl_02(TCV_ch Tch) | | |
| 18 | | [TCV_L1Head.mspwrlvl = TCV_L1Head0.mspwrlvl] | | (P) | |
| 19 | | +ChanRel_end(TCV_ch) | | | |
| 20 | | [TCV_L1Head.mspwrlvl <> TCV_L1Head0.mspwrlvl] | | | |
| 21 | | +ChanRel_end(TCV_ch) | | | |
| 22 | | ?TIMEOUT T_dly | | (F) | |
| 23 | | +ChanRel(TCV_chTch) | | | |
| | | send_ho | | | |
| 24 | | [TSPC_FullRateSpeech = TRUE] | | | |
| 25 | | LIDL_DatRqHoCmd | HndOv_22_B1e(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TCV_chtype, TCV_flist, TCV_flistl, TimingAdv_01iei) | | |
| 26 | | [TSPC_FullRateSpeech = FALSE] | | | |
| 27 | | LIDL_DatRqHoCmd(DL_DatRqHoCmd.msg.ch1mod := TSPX_ChModsup) | HndOv_22_B1e(TCV_Horf, TCV_ch, TCV_ts, TCV_Pwrlvl_ho, TCV_chtype, TCV_flist, TCV_flistl, TimingAdv_01iei) | | |
| | | ltree_hoacc | | | |
| 28 | | L?DL_RaInHoacc | HndOvAcc_20(TCV_c | | |

| | | | |
|---------------------------|--|--|----|
| 29 | (TCV_Cnt := TCV_Cnt + 1) | hTch, TCV_Horf) | |
| | Itree_u10 | | |
| 30 | +RRmtcallprepare(TimingAdv_01) | | |
| 31 | L!DL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupRq_20(TCV_ch) | |
| 32 | L?DL_DatInCallCo | CallCfm_20 | 1) |
| 33 | L?DL_DatInConn | ConnRcv_01 | |
| 34 | (TCV_chdescr_arfcn:= C_arfcnEgsm_asscmd) | | |
| 35 | +localtree | | |
| 36 | L?DL_DatInAlert | AlertRcv_01 | |
| 37 | (TCV_Null := OO_HookOff()) | | |
| 38 | L?DL_DatInConn | ConnRcv_01 | |
| 39 | (TCV_chdescr_arfcn:= C_arfcnEgsm_asscmd) | | |
| 40 | +localtree | | |
| | localtree | | |
| 41 | (TCV_AssCmd := AsgnCmd_21(TCV_asscmd_ts, TCV_chdescr_arfcn), TCV_AssCmd.pcmd.pl := '01010'B, TCV_AssCmd.ch1d_at.cht_schn := TCV_chtype) | | |
| 42 | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssC md) | | 2) |
| 43 | L!DL_DatRqConnAck | ConnAck_20(TCV_ch) | |
| | Itree_chtype | | |
| 44 | (TCV_chtype := '00001'B) | | |
| 45 | +FullRateCh_A_1(C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_speech, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_01, '000'B, '000'B, '011'B) | | |
| | localtree_varinit | | |
| 46 | +Varinit_fixcommon | | |
| 47 | (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:= C_arfcnA, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellA), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_A_1, TCV_asscmd_ts:= TSPX_TmSlitNotZero, TCV_ts:= TSPX_TmSlitNotZero1, TCV_Cntref:= TSPX_hoaccessA, TCV_Horf:= TSPX_horfA, TCV_Pwrlvl_ho:= '01100'B) | | |
| Detailed Comments: | | 1. If the MS supports the bearer capabilities, which are give in Setup message, it has to accept them. Therefor, they are no bearer capabilities expected in Call Confirm message. 2. TCH/F or SDCCH/4 with non hopping in selected cell. Power level = 10 | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_26_10_2_5 | | | |
| Group: | | GSM_L3_MS_v4170/EGSMsignalling/ | | | |
| Purpose: | | <p>1) To verify that the MS, after receiving a FREQUENCY REDEFINITION message, starts using the new frequencies and hopping sequence when some E-GSM frequencies are used.</p> <p>2) To check that the last received Cell Channel Description information element is used to decode the Mobile Allocation IE received in the FREQUENCY REDEFINITION message.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | pre | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_23(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +InitRate | | | |
| 7 | | +CCCH_group_Paging_group(TCV_Ccd0 A, TSPX_IMSI) | | | |
| 8 | | (TCV_Cnt1 := 1) | | | |
| 9 | body | REPEAT localtree_body UNTIL [TCV_Cnt1 = 7] | | | |
| | | localtree_body | | | |
| 10 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 11 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 12 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 13 | | +ltree_send_immass | | | |
| 14 | | L?DL_EstInPgRes | PgRes_02(TCV_ch) | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | +ltree_setnewchn | | | |
| 17 | | +ltree_newchnassign | | | |
| 18 | | +ltree_sendFreqRedef | | | |
| 19 | | +ltree_checkchnafterfreqred | | | |
| 20 | | +ChanRel(TCV_ch) | | | |
| 21 | | (TCV_Cnt1 := (TCV_Cnt1 + 1)) | | | |
| | | ltree_checkchnafterfreqred | | | |
| 22 | | [(TCV_Cnt1 = 4) OR (TCV_Cnt1=6)] | | | Ma1) |
| 23 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 24 | | [TCV_Res = FALSE] | | (F) | |
| 25 | | [TCV_Res = TRUE] | | (P) | |
| 26 | | [(TCV_Cnt1 <>4) AND(TCV_Cnt1<>6)] | | | Ma2) |
| 27 | | (TCV_Res := OM_FHCHK(TCV_sacchTch)) | | | |
| 28 | | [TCV_Res = FALSE] | | (F) | |
| 29 | | [TCV_Res = TRUE] | | (P) | |
| | | ltree_newchnassign | | | |
| 30 | | (TCV_Fn := OM_ComingFn(TCV_ch), TCV_chd1 := ChDescrp_22e(TSPX_TmSlitNotZero1,TCV_ctype), TCV_Strt:=OC_StartTime(TCV_Fn,100,0), TCV_Null := OM_SendNextOn(TCV_ch, TCV_Fn)) | | | |
| 31 | | [(TCV_Cnt1 = 4) OR (TCV_Cnt1=6)] | | | Ma1) |
| 32 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_20_Be1(TCV_mae1), TCV_ch, TCV_chd1, CellChDes_20_Be(TCV_cchdescr))) | | | |
| 33 | | [(TCV_Cnt1 <>4) AND(TCV_Cnt1<>6)] | | | Ma2) |
| 34 | | (TCV_Null := OM_FreqDef(TCV_Strt, MobilAllc_20_Be2(TCV_mae1,TCV_mae2), TCV_ch, TCV_chd1, | | | |

| | | | |
|----|--|--|------|
| | CellChDes_20_Be(TCV_cchdescr)) | | |
| | ltree_sendFreqRedef | | |
| 35 | [TCV_Cnt1 <> 6] | | |
| 36 | [TCV_Cnt1 = 4] | | Ma1) |
| 37 | L!DL_DatRqFrqre | FrqRedf_20(TCV_ch, TSPX_TmSlitNotZero 1, TCV_chtype, TCV_cchdescr, TCV_mae1, TCV_Strt) | |
| 38 | [TCV_Cnt1 <> 4] | | Ma2) |
| 39 | L!DL_DatRqFrqre | FrqRedf_22(TCV_ch, TSPX_TmSlitNotZero 1, TCV_chtype, TCV_cchdescr, TCV_mae1, TCV_mae2, TCV_Strt) | |
| 40 | [TCV_Cnt1 = 6] | | Ma1) |
| 41 | L!DL_DatRqFrqre | FrqRedf_21(TCV_ch, TSPX_TmSlitNotZero 1, TCV_chtype, TCV_mae1, TCV_Strt) | |
| | ltree_send_immass | | |
| 42 | [TSPC_FullRateSpeech = TRUE] | | |
| 43 | L!DL_UdatRqImmass | ImmAss_21(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, TCV_chdescr_arfcn, TimingAdv_01) | |
| 44 | (TCV_ch := C_FACCHF_A_1) | | |
| 45 | [TSPC_FullRateSpeech = FALSE] | | |
| 46 | L!DL_UdatRqImmass | ImmAss_27(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, TCV_chdescr_arfcn, TimingAdv_01) | |
| 47 | (TCV_ch := OC_SubchOfSdcch8(TSPX_SDCCH8SubDef, C_CellA, 1)) | | |
| | ltree_setnewchn | | |
| 48 | [TCV_Cnt1 = 1] | | |
| 49 | (TCV_cchdescr := C_cchd_e_407, TCV_mae1:= '00011100'B, TCV_mae2:= '00000000'B) | | |
| 50 | [TCV_Cnt1 = 2] | | |
| 51 | (TCV_cchdescr := C_cchd_e_408, TCV_mae1:= '00000000'B, TCV_mae2:= '11110000'B) | | |
| 52 | [TCV_Cnt1 = 3] | | |
| 53 | (TCV_cchdescr := C_cchd_e_409, TCV_mae1:= '00000000'B, TCV_mae2:= '00001111'B) | | |
| 54 | [TCV_Cnt1 = 4] | | |
| 55 | (TCV_cchdescr := C_cchd_e_415, TCV_mae1:= '11000110'B) | | |
| 56 | [TCV_Cnt1 = 5] | | |
| 57 | (TCV_cchdescr := C_cchd_e_411, TCV_mae1:= '00000001'B, TCV_mae2:= '11110000'B) | | |
| 58 | [TCV_Cnt1 = 6] | | |
| 59 | (TCV_cchdescr := C_cchd_e_414, TCV_mae1:= '00001110'B) | | |
| | localtree_varinit | | |
| 60 | +Varinit_fixcommon | | |
| 61 | (TCV_cellid:=C_CellA, TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, | | |

| | | | |
|---------------------------|--|--------------------------------------|--|
| | C_CellA), TCV_PgCh:= C_PCH_A_1, TCV_chdescr_arfcn:= 20, TCV_ia_ts:= TSPX_TmSlitNotZero) | | |
| | InitRate | | |
| 62 | [TSPC_FullRateSpeech = TRUE] | | |
| 63 | (TCV_chtype := '00001'B) | | |
| 64 | +FullRateCh_A_1_2_nociph(FreqTCHa6, C_Ass, TSPX_TmSlitDef, TSPX_TscDef, TimingAdv_01, '000'B, '001'B, '011'B) | | |
| 65 | +SysInfo_5bisSending(TCV_sacchTch, TCV_sysinfo5bis) | | |
| 66 | [TSPC_FullRateSpeech = FALSE] | | |
| 67 | (TCV_chtype := INT_TO_BIT((8 + BIT_TO_INT(TSPX_SDCCH8SubDef)),5)) | | |
| 68 | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubDef, C_Ass, TCV_slot, TCV_tsc, ChMod_sign, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_01, '000'B, '001'B, '011'B) | | |
| 69 | +SysInfo_5bisSending(TCV_sacch8, TCV_sysinfo5bis) | | |
| Detailed Comments: | | Ma1) Mobile Allocation with 1 octets | |
| | | Ma2) Mobile Allocation with 2 octets | |

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_26_10_3_1 |
| Group: | GSM_L3_MS_v4170/EGSMsignalling/ |
| Purpose: | <p>1) To verify that the MS in MM state "idle, updated" and in RR idle mode with a TMSI assigned, when made to initiate a call for a selected teleservice that is supported by the MS as declared in a PICS/PIXIT statement, starts to initiate an immediate assignment procedure by sending the CHANNEL REQUEST message.</p> <p>2) To verify that subsequently after receipt of an IMMEDIATE ASSIGNMENT message allocating an SDCCH, after completion of establishment of the main signalling link, after having sent a CM SERVICE REQUEST message, after having successfully performed authentication and cipher mode setting procedures, after having sent a SETUP message, after having received a CALL PROCEEDING message followed by an ALERTING message and an ASSIGNMENT COMMAND message allocating an appropriate TCH, the MS sends an ASSIGNMENT COMPLETE message.</p> <p>3) To verify that subsequently, after the suite of actions specified in test purposes 1 and 2, the MS after receiving a CONNECT message returns a CONNECT ACKNOWLEDGE message.</p> <p>4) To verify that after the suite of actions specified in test purposes 1 and 2, the MS after receiving a CONNECT message attaches the user connection to the radion path. (This is checked by verifying that there is a point in time after transmission of the first L2 frame containing the (complete) CONNECT message, where the MS is sending appropriate speech or data frames whenever it does not have to transmit or acknowledge an L frame on layer 2 of the FACCH.)</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|---|---|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +localtree_varinit | | | |
| 5 | | +PreEnterIdleState_23(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | +SDCCH8_A_1(TSPX_SDCCH8SubDef, C_Imm, TCV_ia_ts, TCV_tsc, ChMod_sign, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +SysInfo_5bisSending(TCV_sacch8, TCV_sysinfo5bis) | | | |
| 8 | | +FullRateCh_A_1(C_Ass, TCV_asscmd_ts, TCV_tsc, ChMod_speech, FreqTCHa_ho, FreqTCHa_hod, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 9 | | +SysInfo_5bisSending(TCV_sacchTch, TCV_sysinfo5bis) | | | |
| 10 | | +ltree_AttmpCall | | | |
| 11 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 12 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 13 | | L!DL_UdatRqImm | ImmAss_27(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 14 | | L?DL_EstInCmsRq | CmserReq_01 | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | +Authentication(TCV_ch, TCV_cks) | | | |
| 17 | | +Ciphering_on(TCV_ch) | | | |
| 18 | | +ltree_ccest | | | |
| 19 | | ltree_AttmpCall [(TSPC_FullRateSpeech = TRUE) OR | | | |

| | | | |
|---------------------------|---|--------------------|--|
| 20 | (TSPC_HalfRateSpeech=TRUE)] | | |
| | +AttmpSpchCall | | |
| 21 | +BasicServiceMO(TSPX_MO_BscSvc_SpeechCa | | |
| | ll, TSPX_MO_rate_SpeechCall) | | |
| 22 | [(TSPC_FullRateSpeech = FALSE) AND | | |
| | (TSPC_HalfRateSpeech=FALSE)] | | |
| 23 | +AttmpCall | | |
| 24 | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, | | |
| | TSPX_MO_rate_AnyCall) | | |
| | ltree_ccest | | |
| 25 | +SetupRcvMo(SetupInd_01) | | |
| 26 | L!DL_DatRqCallProc | CallProc(TCV_ch, | |
| | | TCV_CallProc) | |
| 27 | L!DL_DatRqAlert | Alert_01(TCV_TI, | |
| | | TCV_ch) | |
| 28 | (TCV_AssCmd := | | |
| | AsgnCmd_21(TCV_asscmd_ts, | | |
| | C_arfcnEgsm_asscmd)) | | |
| 29 | +AssCh_complete(TCV_ch,TCV_chTch,TCV | | |
| | _AssCmd) | | |
| 30 | L!DL_DatRqConn | Conn_01(TCV_TI, | |
| | | TCV_chTch) | |
| 31 | L?DL_DatInConnAck | ConnAckRcv_01(TCV | |
| | | _TI0) | |
| 32 | +TermCall | | |
| 33 | L?DL_DatInDisc | DiscRcv(TCV_chTch, | |
| | | Disconn_05(TCV_TI0 | |
| | |)) | |
| 34 | L!DL_DatRqRel | RelRq_04(TCV_TI, | |
| | | TCV_chTch) | |
| 35 | L?DL_DatInRelCmp | RelCmp_02(TCV_TI0 | |
| | |) | |
| 36 | +PostMainLinkRel(TCV_chTch) | | |
| | localtree_varinit | | |
| 37 | +Varinit_fixcommon | | |
| 38 | (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:= | | |
| | C_arfcnEgsm_iacmd, TCV_sacch := | | |
| | OC_SubchOfSacch4(TSPX_SDCCH4SubDef, | | |
| | C_CellA), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= | | |
| | TSPX_TmSltG, TCV_asscmd_ts:= TSPX_TmSltC) | | |
| Detailed Comments: | | | |

Test Case Dynamic Behaviour

Test Case Name: TC_26_10_3_2

Group: GSM_L3_MS_v4170/EGSMsignalling/

Purpose:

- 1) To verify that the MS in the "idle, no IMSI" state (no SIM inserted) when made to call the number 112, sends a CHANNEL REQUEST message with establishment cause "emergency call".
- 2) To verify that after assignment of a dedicated channel the first layer message sent by the MS on the assigned dedicated channel is a CM SERVICE REQUEST message specifying the correct CKSN and TMSI, with CM Service Type "emergency call establishment".
- 3) To verify that after receipt of a CM SERVICE ACCEPT message from the SS, the MS sends an EMERGENCY SETUP message.
- 4) To verify that subsequently, the SS having sent a CALL PROCEEDING message and then an ALERT message and having initiated the assignment procedure, the MS performs correctly that assignment procedure.
- 5) To verify subsequent correct performance of a connect procedure.
- 6) To verify that subsequently the MS has through connected the TCH in both directions.
- 7) To verify that the call is cleared correctly.

Default: OtherEventsFail

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|---|-----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +Varinit_fixcommon | | | |
| 5 | | (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:=40, TCV_PgCh:=C_PCH_A_1, TCV_ia_ts:=TSPX_TmSlTg) | | | |
| 6 | | +PreEnterIdleState_20(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '000'B, '011'B, '00'O) | | | |
| 7 | | +SDCCH8_A_1_nociph(TSPX_SDCCH8SubDef, C_Ass, TCV_ia_ts, TCV_tsc, ChMod_sign, FreqSDCCH8_e, FreqSDCCH8_e, TimingAdv_01, '000'B, '000'B, '011'B) | | | 1. |
| 8 | body | +AttmpEmgCall | | | |
| 9 | | +BasicServiceMO(C_EmgCallSRV, TSPX_MO_rate_EmergencyCall) | | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_18 | (P) | 2. |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L!DL_UdatRqImmass | ImmAss_27(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInCmsRq | CmserReq_06 | (P) | 3. |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | [TSPC_FullRateOnly=TRUE] | | | |
| 16 | | +testfullratems | | | |
| 17 | | [TSPC_DualRate = TRUE] | | | |
| 18 | | +testdualratems | | | |
| 19 | | testfullratems L?DL_DatInESetup (TCV_TI := DL_DatInESetup.msg.ti, TCV_TI0 := TCV_TI, TCV_TI.ti.f := '1'B) | ESetupInd_02 | (P) | 6. |
| 20 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, | | | 7. |

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| | FreqTCHa_rd, TimingAdv_01, '000'B, '000'B, '011'B) | | | |
| 21 | LIDL_DatRqCallProc | CallProc_01(TCV_TI, TCV_ch) | | |
| 22 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | | |
| 23 | +assfullratech | | | 8. |
| 24 | +localtree | | | |
| | testdualratems | | | |
| 25 | L?DL_DatInESetup (TCV_TI := DL_DatInESetup.msg.ti, TCV_TIO := TCV_TI, TCV_TI.ti_f := '1'B, TCV_Rchr := DL_DatInESetup.msg.bcap.rchr, TCV_Bcap1 := DL_DatInESetup.msg.bcap) | ESetupInd_03 | | 9. |
| 26 | [TCV_Rchr = '11'B] | | | 10. |
| 27 | (TCV_Bcap1.rchr := '01'B) | | | |
| 28 | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '000'B, '011'B) | | | 7. |
| 29 | LIDL_DatRqCallProc (DL_DatRqCallProc.msg.bcap1 := TCV_Bcap1) | CallProc_04(TCV_TI, TCV_ch) | | |
| 30 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 31 | +assfullratech | | | 8. |
| 32 | +localtree | | | |
| 33 | [TCV_Rchr = '10'B] | | | 11. |
| 34 | (TCV_Bcap1.rchr := '00'B) | | | |
| 35 | +HalfRateCh_A_1_nociph(TSPX_TCHHSubDef, C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '000'B, '011'B) | | | 12. |
| 36 | LIDL_DatRqCallProc (DL_DatRqCallProc.msg.bcap1 := TCV_Bcap1) | CallProc_04(TCV_TI, TCV_ch) | | |
| 37 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 38 | +asshalfatech | | | 13. |
| 39 | +localtree | | | |
| | localtree | | | |
| 40 | LIDL_DatRqConn | Conn_01(TCV_TI, TCV_chTch) | | |
| 41 | L?DL_DatInConnAck | ConnAckRcv_01(TCV_TIO) | (P) | |
| 42 | (TCV_Res := OO_TCHThroConnCHK()) | | | |
| 43 | [TCV_Res = FALSE] | | (F) | 14. |
| 44 | +RestoreCphKey(TCV_chTch) | | | |
| 45 | +PostMainLinkRel(TCV_chTch) | | | |
| 46 | [TCV_Res = TRUE] | | (P) | 15. |
| 47 | LIDL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 48 | L?DL_DatInRel | ReleaseInd_06(TCV_TIO) | (P) | |
| 49 | LIDL_DatRqRelCmp | RelCmpRq_05(TCV_TI, TCV_chTch) | | |
| 50 | +RestoreCphKey(TCV_chTch) | | | |
| 51 | +PostMainLinkRel(TCV_chTch) | | | |
| | assfullratech | | | |
| 52 | +ltree_Asgn1 | | | |
| 53 | (TCV_AssCmd.ch1d_at.arfcn:= INT_TO_BIT(990,10)) | | | |
| 54 | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | |

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| | asshalfratech | | | |
| 55 | +ltree_Asgn2 | | | |
| 56 | (TCV_AssCmd.ch1d_at.arfcn:= INT_TO_BIT(990,10)) | | | |
| 57 | +AssCh_complete(TCV_ch,TCV_chTch,TCV_Ass Cmd) | | | |
| | ltree_Asgn1 | | | |
| 58 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 59 | (TCV_AssCmd := AsgnCmd_tchf(TSPX_TmSlDef, TSPX_TscDef)) | | | |
| 60 | [TSPC_DCS] | | | |
| 61 | (TCV_AssCmd := AsgnCmd_dtchf(TSPX_TmSlDef, TSPX_TscDef)) | | | |
| | ltree_Asgn2 | | | |
| 62 | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 63 | (TCV_AssCmd := AsgnCmd_tchh(TSPX_TCHHSubDef, TSPX_TmSlDef, TSPX_TscDef)) | | | |
| 64 | [TSPC_DCS] | | | |
| 65 | (TCV_AssCmd := AsgnCmd_dtchh(TSPX_TCHHSubDef, TSPX_TmSlDef, TSPX_TscDef)) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To setup a physical channel 2. CHANNEL REQUEST with "emergency call establishment" cause received. 3. CM SERVICE REQUEST with "emergency call establishment" service type correct TMSI and CKSN received. 4. Authentication failed. 5. Authentication passed. 6. EMERGENCY SETUP with BC indicating "full rate channel" or without BC received. 7. To setup a physical channel as full rate traffic channel. 8. To assign a full rate channel. 9. EMERGENCY SETUP with BC indicating "dual rate / half rate preferred" or " dual rate / full rate preferred" received. 10. "dual rate / full rate preferred" case. Full rate channel is to be assigned. 11. "dual rate / half preferred" case. Half rate channel is to be assigned. 12. To setup a physical channel as full rate traffic channel. 13. To assign half rate channel. 14. The TCH channel is not through connected, fail. 15. The TCH channel is through connected. | | |

Test Group SS

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|--|
| Test Case Name: | | TC_31_2_1_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To check that the MS correctly requests a supplementary service transaction for registration of call forwarding in CHANNEL REQUEST message.</p> <p>2) To check that the MS correctly requests a supplementary service transaction for registration of call forwarding in the subsequent CM-SERVICE REQUEST.</p> <p>3) To check that the MS sends a REGISTER message containing the invoke of the RegisterSS operation with the expected parameter values for registration of call forwarding.</p> <p>4) To check that upon receipt of the result of the operation (in a RELEASE COMPLETE message), the MS provides the appropriate user indication (as described by the manufacturer).</p> <p>These checks are done for :</p> <p>a) CFNRy, for basic service group speech,</p> <p>b) CFU, for basic service group all facsimile.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +part1 | | | |
| 7 | | +part2 | | | |
| 8 | | part1 (TCV_Null := OO_InitSS("***61*00431234*11*5#")) | | | 2. international prefix + Country code |
| 9 | | +ChannelReqtree | | | |
| 10 | | +localtree | | | |
| 11 | | +Checktree(C_RegCFNRy) | | | |
| 12 | | part2 (TCV_Null := OO_InitSS("***21*1234*13#")) | | | 5. |
| 13 | | +ChannelReqtree | | | |
| 14 | | +localtree1 | | | |
| 15 | | +Checktree(C_RegCFU) | | | |
| 16 | | localtree L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, RegisterSS_01), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].registerSSComponents.registerSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(RegisterSS_01))) | | |
| 17 | | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(RegisterSSRslt_01(TCV_Invkld)))) | | 6. |

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| 18 | localtree1 L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, RegisterSS_02), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].registerSSCo mponents.registerSS_InvokeComp.invokelD, 1)) | Register_03(RegisterPdu_03(facilityIercv(RegisterSS_02))) | |
| 19 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(RegisterSSRslt_02(TCV_Invkld)))) | 6. |
| 20 | ChannelReqtree L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_04 | |
| 21 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 22 | L!DL_UdatRqImm | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 23 | L?DL_EstInCmsRq | CmserReq_08 | |
| 24 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 25 | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_c h) | |
| 26 | Checktree(par:INTEGER) (TCV_Res := OO_SSresultCHK(par)) | | |
| 27 | [TCV_Res = TRUE] | | (P) 3. |
| 28 | +PostMainLinkRel(TCV_ch) | | |
| 29 | [TCV_Res = FALSE] | | (F) 4. |
| 30 | +PostMainLinkRel(TCV_ch) | | |
| Detailed Comments: | | | |
| <ol style="list-style-type: none"> 1. To setup a physical channel as BCCH, CCCH and SDCCH4 with default parameters. 2. To initiate a registration of call forwarding service for CFNRy (speech). 3. The user indication is correct. 4. The user indication is wrong. 5. To initiate a registration of call forwarding service for CFU (all facsimile). 6. To return the ReturnResult of SSoperation by RELEASE COMPLETE message. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|--|
| Test Case Name: | | TC_31_2_1_1_2 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To check that the MS correctly requests the establishment of a parallel MM transaction for supplementary service transaction of registration of call forwarding, sending a CM-SERVICE REQUEST.</p> <p>2) To check that the MS sends a REGISTER message containing the invoke of the RegisterSS operation with the expected parameter values for registration of call forwarding.</p> <p>3) To check that upon receipt of the RELEASE COMPLETE message related to the present SS transaction, the first transaction remains unaffected.</p> <p>4) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the Manufacturer).</p> <p>These checks are performed with a call transaction already established for :</p> <p>a) CFB, for all asynchronous services, the RELEASE COMPLETE message being sent with a facility IE containing a return_error(error) where error is "Bearer Service not provisioned".</p> <p>b) CF, for all facsimile, the RELEASE COMPLETE message being sent with a facility IE containing a reject(involve_problem) where involve_problem is "resource limitation".</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDDef) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | | 2. |
| 8 | | (TCV_Null := OO_InitSS("***67*00431234*21#")) | | | 3. international prefix + Country code |
| 9 | | +part1 | | | |
| 10 | | (TCV_Null := OO_InitSS("***002*00431234*13#")) | | | 4. international prefix + Country code |
| 11 | | +part2 | | | |
| | | part1 | | | |
| 12 | | L?DL_DatInCmsRq | CmsRdatReq_08 | | |
| 13 | | L!DL_DatRqCmsAcp | CmsRacp_01(TCV_chTch) | | |
| 14 | | L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1) | Register_03(RegisterPdu_03(facilityIErcv(RegisterSS_03))) | | |
| 15 | | (TCV_n := OC_PosinSet(TCV_Comp, RegisterSS_03), TCV_InvkId := OC_Asn1intToOct(TCV_Comp.[TCV_n].registerSSComponents.registerSS_InvokeComp.invoke ID, 1)) | | | |
| 16 | | +localtree | | | |
| | | localtree | | | |
| 17 | | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ | | |

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|---|--|--|-----|
| 18 | L!DL_DatRqCcstEnq | chTch, ReleaseCmp_09(TCV_TI2, facilitylEtsndiei(RegisterSSerr_01(TCV_Invklid)))) | |
| 19 | L?DL_DatInCcst | CCStEq_01(TCV_TI, TCV_chTch) | (P) |
| 20 | part2 L?DL_DatInCmsRq | CmsrDatReq_08 | |
| 21 | L!DL_DatRqCmsAcp | CmsrAcp_01(TCV_c hTch) | |
| 22 | L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1) | Register_03(RegisterPdu_03(facilitylErcv(RegisterSS_04))) | |
| 23 | (TCV_n := OC_PosinSet(TCV_Comp, RegisterSS_04), TCV_Invklid := OC_Asn1intToOct(TCV_Comp.[TCV_n].register SSComponents.registerSS_InvokeComp.invoke ID, 1)) | | |
| 24 | +localtree1 | | |
| 25 | localtree1 L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ chTch, ReleaseCmp_09(TCV_TI2, facilitylEtsndiei(RegisterSSRej_01(TCV_Invklid)))) | |
| 26 | (TCV_Res := OO_SSresultCHK(C_RegCF)) | | |
| 27 | [TCV_Res] | | (P) |
| 28 | L!DL_DatRqCcstEnq | CCStEq_01(TCV_TI, TCV_chTch) | |
| 29 | L?DL_DatInCcst | CCSt_14(TCV_TI0, C_U10) | (P) |
| 30 | +PostMainLinkRel(TCV_chTch) | | |
| 31 | [NOT TCV_Res] | | (F) |
| 32 | L!DL_DatRqCcstEnq | CCStEq_01(TCV_TI, TCV_chTch) | |
| 33 | L?DL_DatInCcst | CCSt_14(TCV_TI0, C_U10) | (P) |
| 34 | +PostMainLinkRel(TCV_chTch) | | |
| Detailed Comments: | | | |
| 1. To setup physical channels as BCCH, CCCH and SDCCH4 with default parameters and full rate traffic channel. | | | |
| 2. To establish a mobile originating call. | | | |
| 3. To initiate a registration of call forwarding service for CFB (all asynchronous service). | | | |
| 4. To initiate a registration of call forwarding service for CF (all facsimile). | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Case Name: | | TC_31_2_1_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To check that the MS correctly requests supplementary service transaction for erasure of call forwarding in CHANNEL REQUEST message.</p> <p>2) To check that the MS correctly requests supplementary service transaction for erasure of call forwarding in the subsequent CM-SERVICE REQUEST.</p> <p>3) To check that the MS sends a REGISTER message containing the invoke of the EraseSS operation with the expected parameter values for erasure of call forwarding.</p> <p>4) To check that upon receipt of the result of the operation (in a RELEASE COMPLETE message), the MS provides the appropriate user indication (as described by the manufacturer).</p> <p>These checks are done for :</p> <p>a) CFC, for basic service group all facsimile.</p> <p>b) CFNRc, for all basic service groups.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | (TCV_Null := OO_InitSS("##004**13#")) | | | 2. |
| 7 | | +part1 | | | |
| 8 | | (TCV_Null := OO_InitSS("##62#")) | | | 3. |
| 9 | | +part2 | | | |
| | | part1 | | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInCmsRq | CmsReq_08 | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqCmsAcp | CmsAcp_01(TCV_ch) | | |
| 16 | | +localtree | | | |
| | | localtree | | | |
| 17 | | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_T10 := TCV_TI, TCV_T10.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, EraseSS_01), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].eraseSSComponents.eraseSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(EraseSS_01))) | | |
| 18 | | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndie(EraseSSrslt_01(| | 4. |

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|----|---|---|-------------------------|
| 19 | +Checktree(C_ErsCFC) | TCV_Invkld)))) | |
| 20 | part2 L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | |
| 21 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 22 | LIDL_UdatRqImm | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 23 | L?DL_EstInCmsRq | CmserReq_08 | |
| 24 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 25 | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_c h) | |
| 26 | +localtree1 | | |
| 27 | localtree1 L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, EraseSS_02), TCV_Invkld := OC_Asn1intToOct(TCV_Comp,[TCV_n].eraseSSCom ponents.eraseSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIercv(EraseSS_02))) | |
| 28 | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_ ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(EraseSSRslt_02(TCV_Invkld)))) | 5. |
| 29 | +Checktree(C_ErsCFNRc) | | |
| 30 | Checktree(par:INTEGER) (TCV_Res := OO_SSresultCHK(par)) | | |
| 31 | [TCV_Res = TRUE] | | (P) 6. |
| 32 | +PostMainLinkRel(TCV_ch) | | |
| 33 | [TCV_Res = FALSE] | | (F) 7. |
| 34 | +PostMainLinkRel(TCV_ch) | | |

Detailed Comments:

1. To setup a physical channel as BCCH, CCCH and SDCCH4 with default parameters.
2. To initiate an EraseSS operation of call forwarding service for CFC (all facsimile).
3. To initiate an EraseSS operation of call forwarding service for CFNRc (all basic services).
4. To return the ReturnResult of SSoperation by RELEASE COMPLETE message.
5. To return the ReturnResult of SSoperation by RELEASE COMPLETE message.
6. The user indication is correct.
7. The user indication is wrong.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|----------|
| Test Case Name: | | TC_31_2_1_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To check that the MS correctly requests the establishment of a parallel MM transaction for supplementary service transaction of erasure of call forwarding, sending a CM-SERVICE REQUEST.</p> <p>2) To check that the MS sends a REGISTER message containing the invoke of the EraseSS operation with the expected parameter values for erasure of call forwarding.</p> <p>3) To check that upon receipt of the RELEASE COMPLETE message related to the present SS transaction, the first transaction remains unaffected.</p> <p>4) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the Manufacturer).</p> <p>These checks are performed with a call transaction already established for :</p> <p>a) CFU, for speech, the RELEASE COMPLETE message being sent with a facility IE containing a return_error(error) where error is "Teleservice not provisioned".</p> <p>b) CFNRy, for all facsimile, the RELEASE COMPLETE message being sent with a facility IE containing a reject(invoked_problem) where invoked_problem is "resource limitation".</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | | 2. |
| 8 | | (TCV_Null := OO_InitSS("##21**11#")) | | | 3. |
| 9 | | +part1 | | | |
| 10 | | (TCV_Null := OO_InitSS("##61**13#")) | | | 4. |
| 11 | | +part2 | | | |
| | | part1 | | | |
| 12 | | L?DL_DatInCmsRq | CmsRdatReq_08 | | |
| 13 | | LIDL_DatRqCmsAcp | CmsRacp_01(TCV_chTch) | | |
| 14 | | +localtree | | | |
| | | localtree | | | |
| 15 | | L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, EraseSS_03), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].eraseSSCom ponents.eraseSS_InvokeComp.invokelD, 1)) | Register_03(RegisterPdu_03(facilityIErcv(EraseSS_03))) | | |
| 16 | | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_chTch, ReleaseCmp_09(TCV_TI2, facilityIEtsndiei(EraseSSErr_01(| | |

| | | | |
|---|--|--|-----|
| 17 | L!DL_DatRqCstEnq | TCV_Invkld)))) CCStEq_01(TCV_TI, TCV_chTch) | |
| 18 | L?DL_DatInCst | CCSt_14(TCV_TI0, C_U10) | (P) |
| | part2 | | |
| 19 | L?DL_DatInCmsRq | CmserDatReq_08 | |
| 20 | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_c hTch) | |
| 21 | +localtree1 | | |
| | localtree1 | | |
| 22 | L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, EraseSS_04), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].eraseSSCom ponents.eraseSS_InvokComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(EraseSS_04))) | |
| 23 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ chTch, ReleaseCmp_09(TCV_TI2, facilityIEtsndiei(EraseSSrej_01(TCV_Invkld)))) | |
| 24 | (TCV_Res := OO_SSresultCHK(C_ErsCFNRy)) | | |
| 25 | [TCV_Res] | | (P) |
| 26 | L!DL_DatRqCstEnq | CCStEq_01(TCV_TI, TCV_chTch) | |
| 27 | L?DL_DatInCst | CCSt_14(TCV_TI0, C_U10) | (P) |
| 28 | +PostMainLinkRel(TCV_chTch) | | |
| 29 | [NOT TCV_Res] | | (F) |
| 30 | +PostMainLinkRel(TCV_chTch) | | |
| Detailed Comments: | | | |
| 1. To setup physical channels as BCCH, CCCH and SDCCH4 with default parameters and full rate traffic channel. | | | |
| 2. To establish a mobile originating call. | | | |
| 3. To initiate an erasure of call forwarding service for CFU (speech). | | | |
| 4. To initiate an erasure of call forwarding service for CFNRy (all facsimile). | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_31_2_1_3 |
| Group: | GSM_L3_MS_v4170/SS/ |
| Purpose: | <p>1) To check that the MS correctly requests a supplementary service transaction for activation of call forwarding in CHANNEL REQUEST message.</p> <p>2) To check that the MS correctly requests a supplementary service transaction for activation of call forwarding in the subsequent CM-SERVICE REQUEST.</p> <p>3) To check that the MS sends a REGISTER message containing the invoke of the ActivateSS operation with the expected parameter values for activation of call forwarding.</p> <p>4) To check that upon receipt of the result of the operation (in a RELEASE COMPLETE message), the MS provides the appropriate user indication (as described by the manufacturer).</p> <p>These checks are done for :</p> <p>a) CF, for basic service group "all synchronous services".</p> <p>b) CFU, for all basic service groups.</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|---|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | (TCV_Null := OO_InitSS("**002**22#")) | | | 2. |
| 7 | | +part1 | | | |
| 8 | | (TCV_Null := OO_InitSS("**21#")) | | | 3. |
| 9 | | +part2 | | | |
| | | part1 | | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInCmsRq | CmsrReq_08 | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqCmsAcp | CmsrAcp_01(TCV_ch) | | |
| 16 | | +localtree | | | |
| | | localtree | | | |
| 17 | | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ActivateSS_01), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].activateSSComponents.activateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(ActivateSS_01))) | | |
| 18 | | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(| | |

| | | | |
|--|---|---|-------------------------|
| 19 | +Checktree(C_ActCF) | ActivateSSRslt_01(TCV_Invkld)))) | |
| 20 | part2 L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | |
| 21 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 22 | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 23 | L?DL_EstInCmsRq | CmserReq_08 | |
| 24 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 25 | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | |
| 26 | +localtree1 | | |
| 27 | localtree1 L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ActivateSS_02), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].activateSSCom ponents.activateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIercv(ActivateSS_02))) | |
| 28 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIetsndie(ActivateSSRslt_02(TCV_Invkld)))) | 5. |
| 29 | +Checktree(C_ActCFU) | | |
| 30 | Checktree(par:INTEGER) (TCV_Res := OO_SSresultCHK(par)) | | 6. |
| 31 | [TCV_Res = TRUE] | (P) | |
| 32 | +PostMainLinkRel(TCV_ch) | | |
| 33 | [TCV_Res = FALSE] | (F) | |
| 34 | +PostMainLinkRel(TCV_ch) | | |
| Detailed Comments: | | | |
| 1. To setup a physical channel as BCCH, CCCH and SDCCH4 with default parameters. | | | |
| 2. To initiate an ActivateSS operation of call forwarding service for CF (all synchronous services). | | | |
| 3. To initiate an ActivateSS operation of call forwarding service for CFU (all basic services). | | | |
| 4. To return the ReturnResult of SSoperation by FACILITY message. | | | |
| 5. To return the ReturnResult of SSoperation by RELEASE COMPLETE message. | | | |
| 6. To check whether the user indication is correct. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Case Name: | | TC_31_2_1_4 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To check that the MS correctly requests a supplementary service transaction for deactivation of call forwarding in CHANNEL REQUEST message.</p> <p>2) To check that the MS correctly requests a supplementary service transaction for deactivation of call forwarding in the subsequent CM-SERVICE REQUEST.</p> <p>3) To check that the MS sends a REGISTER message containing the invoke of the DeactivateSS operation with the expected parameter values for deactivation of call forwarding.</p> <p>4) To check that upon receipt of the result of the operation (in a RELEASE COMPLETE message), the MS provides the appropriate user indication (as described by the manufacturer).</p> <p>These checks are done for :</p> <p>a) CFC, for basic service group speech.</p> <p>b) CFNRc, for basic service group all facsimile.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | (TCV_Null := OO_InitSS("#004**11#")) | | | 2. |
| 7 | | +part1 | | | |
| 8 | | (TCV_Null := OO_InitSS("#62**13#")) | | | 3. |
| 9 | | +part2 | | | |
| | | part1 | | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInCmsRq | CmsReq_08 | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqCmsAcp | CmsReq_01(TCV_ch) | | |
| 16 | | +localtree | | | |
| | | localtree | | | |
| 17 | | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TIO := TCV_TI, TCV_TIO.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, DeactivateSS_01), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].deactivateSSComponents.deactivateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(DeactivateSS_01))) | | |
| 18 | | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndie(DeactivateSSRslt_01(| | |

| | | | |
|----|---|--|-------------------------|
| 19 | +Checktree(C_DeactCFC) | TCV_Invkld)))) | |
| 20 | part2 L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | |
| 21 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 22 | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 23 | L?DL_EstInCmsRq | CmserReq_08 | |
| 24 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 25 | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | |
| 26 | +localtree1 | | |
| 27 | localtree1 L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, DeactivateSS_02), TCV_Invkld := OC_Asn1intToOct(TCV_Comp,[TCV_n].deactivateSS Components.deactivateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIercv(DeactivateSS_02))) | |
| 28 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIetsndiei(DeactivateSSRslt_02(TCV_Invkld)))) | 5. |
| 29 | +Checktree(C_DeactCFNRc) | | |
| 30 | Checktree(par:INTEGER) (TCV_Res := OO_SSresultCHK(par)) | | 6. |
| 31 | [TCV_Res = TRUE] | (P) | |
| 32 | +PostMainLinkRel(TCV_ch) | | |
| 33 | [TCV_Res = FALSE] | (F) | |
| 34 | +PostMainLinkRel(TCV_ch) | | |

Detailed Comments:

1. To setup a physical channel as BCCH, CCCH and SDCCH4 with default parameters.
2. To initiate a DeactivateSS operation of call forwarding service for CFC (speech).
3. To initiate a DeactivateSS operation of call forwarding service for CFNRc (all facsimile).
4. To return the ReturnResult of SSoperation by FACILITY message.
5. To return the ReturnResult of SSoperation by RELEASE COMPLETE message.
6. To check whether the user indication is correct.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Case Name: | | TC_31_2_1_6_1 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To check that the MS correctly requests a supplementary service transaction for interrogation of a specific call forwarding in CHANNEL REQUEST message.</p> <p>2) To check that the MS correctly requests a supplementary service transaction for interrogation of call forwarding in the subsequent CM-SERVICE REQUEST.</p> <p>3) To check that the MS sends a REGISTER message containing the invoke of the InterrogateSS operation with the expected parameter values for interrogation of call forwarding.</p> <p>4) To check that upon receipt of the result of the operation (in a RELEASE COMPLETE message), the MS provides the appropriate user indication (as described by the manufacturer).</p> <p>These checks are done for :</p> <p>a) CFB, for all basic service groups.</p> <p>b) CFC, for basic service group speech.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | (TCV_Null := OO_InitSS("**#67#")) | | | 2. |
| 7 | | +part1 | | | |
| 8 | | (TCV_Null := OO_InitSS("**#61**11#")) | | | 3. |
| 9 | | +part2 | | | |
| | | part1 | | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInCmsRq | CmsReq_08 | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqCmsAcp | CmsAcp_01(TCV_ch) | | |
| 16 | | +localtree | | | |
| | | localtree | | | |
| 17 | | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, InterrogateSS_01), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].interrogateSSComponents.interrogateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(InterrogateSS_01))) | | |
| 18 | | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(| | |

| | | | |
|---|---|---|-------------------------|
| 19 | +Checktree(C_InterrogCFB) | InterrogateSSRslt_01(TCV_Invkld)))) | |
| 20 | part2 L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | |
| 21 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 22 | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 23 | L?DL_EstInCmsRq | CmserReq_08 | |
| 24 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 25 | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | |
| 26 | +localtree1 | | |
| 27 | localtree1 L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, InterrogateSS_02), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].interrogateSS Components.interrogateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIercv(InterrogateSS_02))) | |
| 28 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(InterrogateSSRslt_02(TCV_Invkld)))) | 5. |
| 29 | +Checktree(C_InterrogCFC) | | |
| 30 | Checktree(par:INTEGER) (TCV_Res := OO_SSresultCHK(par)) | | 6. |
| 31 | [TCV_Res = TRUE] | (P) | |
| 32 | +PostMainLinkRel(TCV_ch) | | |
| 33 | [TCV_Res = FALSE] | (F) | |
| 34 | +PostMainLinkRel(TCV_ch) | | |
| Detailed Comments: | | | |
| 1. To setup a physical channel as BCCH, CCCH and SDCCH4 with default parameters. | | | |
| 2. To initiate a InterrogateSS operation of call forwarding service for CFB (all basic services). | | | |
| 3. To initiate a InterrogateSS operation of call forwarding service for CFNRy (Speech). | | | |
| 4. To return the ReturnResult of SSoperation by FACILITY message. | | | |
| 5. To return the ReturnResult of SSoperation by RELEASE COMPLETE message. | | | |
| 6. To check whether the user indication is correct. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_31_2_1_6_2 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To check that the MS correctly requests the establishment of a parallel MM transaction for supplementary service transaction of interrogation of a specific call forwarding service, sending a CM-SERVICE REQUEST.</p> <p>2) To check that the MS sends a REGISTER message containing the invoke of the InterrogateSS operation with the expected parameter values for interrogation of call forwarding.</p> <p>3) To check that upon receipt of the RELEASE COMPLETE message related to the present SS transaction, the first transaction remains unaffected.</p> <p>4) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the Manufacturer).</p> <p>These checks are performed with a call transaction already established for :</p> <p>a) CFNRc, for all basic service group, the RELEASE COMPLETE message being sent with a facility IE containing a return_error(error) where error is "SS not available".</p> <p>b) CFB, for all facsimile, the RELEASE COMPLETE message being sent with a facility IE containing a reject(invoked_problem) where invoked_problem is "resource limitation".</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | | 2. |
| 8 | | (TCV_Null := OO_InitSS("**#62#")) | | | 3. |
| 9 | | +part1 | | | |
| 10 | | (TCV_Null := OO_InitSS("**#67**13#")) | | | 4. |
| 11 | | +part2 | | | |
| | | part1 | | | |
| 12 | | L?DL_DatInCmsRq | CmserDatReq_08 | | |
| 13 | | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_chTch) | | |
| 14 | | +localtree | | | |
| | | localtree | | | |
| 15 | | L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, InterrogateSS_03), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].interrogateSSComponents.interrogateSS_InvokeComp.invokedID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(InterrogateSS_03))) | | |
| 16 | | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_chTch, ReleaseCmp_09(| | |

| | | | |
|----|---|--|-----|
| 17 | L!DL_DatRqCcstEnq | TCV_TI2, facility!Etsndiei(InterrogateSSErr_01(TCV_Invkld)))) | |
| 18 | L?DL_DatInCcst | CCStEq_01(TCV_TI, TCV_chTch) CCSt_14(TCV_TI0, C_U10) | (P) |
| 19 | part2 L?DL_DatInCmsRq | CmsrDatReq_08 | |
| 20 | L!DL_DatRqCmsAcq | CmsrAcq_01(TCV_c hTch) | |
| 21 | +localtree1 | | |
| 22 | localtree1 L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, InterrogateSS_04), TCV_Invkld := OC_Asn1intToOct(TCV_Comp,[TCV_n].interrogateS SComponents.interrogateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facility!Ercv(InterrogateSS_04))) | |
| 23 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ chTch, ReleaseCmp_09(TCV_TI2, facility!Etsndiei(InterrogateSSRej_01(TCV_Invkld)))) | |
| 24 | +Checktree(C_InterrogCFB) | | |
| 25 | Checktree(par:INTEGER) (TCV_Res := OO_SSresultCHK(par)) | | |
| 26 | [TCV_Res] | | (P) |
| 27 | L!DL_DatRqCcstEnq | CCStEq_01(TCV_TI, TCV_chTch) | |
| 28 | L?DL_DatInCcst | CCSt_14(TCV_TI0, C_U10) | (P) |
| 29 | +PostMainLinkRel(TCV_chTch) | | |
| 30 | [NOT TCV_Res] | | (F) |
| 31 | +PostMainLinkRel(TCV_chTch) | | |

Detailed Comments:

1. To setup physical channels as BCCH, CCCH and SDCCH4 with default parameters and full rate traffic channel.
2. To establish a mobile originating call.
3. To initiate an interrogation of call forwarding service for CFNRc (all basic services).
4. To initiate an interrogation of call forwarding service for CFB (all facsimile).

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|-------------------------|
| Test Case Name: | | TC_31_2_1_7_1_1 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To check that, in state U7 or U10, upon receipt of a FACILITY message notifying an incoming call, the MS shall provide the appropriate user indication (which is to be described by the manufacturer).</p> <p>2) To check that when the notification of incoming call is received while the MS is in CC state U7 and U10 of another incoming call, it has no effect on its state.</p> <p>These checks are performed in the case of CFB.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | +BasicServiceMT(TSPX_MT_BscSvc_Speech_FullRate, C_Full, FALSE) | | | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 9 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq_msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInPgRes | PgRes_01 | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupRq_05(TCV_ch, TCV_Setup_mt) | | |
| 16 | | +AssCmdGenMT(C_Full) | | | |
| 17 | | L?DL_DatInCallCo(T CV_CallCfm:=DL_Dat InCallCo.msg) | CallCfm_01 | | |
| 18 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 19 | | L?DL_DatInAlert | AlertRcv_01 | | |
| 20 | | +continue | | | |
| 21 | | continue L!DL_DatRqFac | FacilityRq_07(TCV_chTch, FacilityPdu_25(TI_02, facilityIEtsnd(NotificationSS_01))) | | 2. |
| 22 | | (TCV_Res := OO_SSresultCHK(C_NotifyCFB)) | | | |

| | | | | |
|----|---|--|-----|----|
| 23 | [TCV_Res = TRUE] | | (P) | |
| 24 | +localtree | | | |
| 25 | [TCV_Res = FALSE] | | (F) | |
| 26 | +localtree | | | |
| | localtree | | | |
| 27 | L!DL_DatRqCcstEnq | CCStEq_01(TI_02, TCV_chTch) | | |
| 28 | L?DL_DatInCcst | CCSt_14(TI_01, C_U7) | (P) | |
| 29 | (TCV_Null := OO_HookOff()) | | | |
| 30 | L?DL_DatInConn | ConnRcv_01 | | |
| 31 | L!DL_DatRqConnAck | ConnAck_01(TCV_ch Tch) | | |
| 32 | L!DL_DatRqFac | FacilityRq_07(TCV_c hTch, FacilityPdu_25(TI_02, facilityIEtsnd(NotificationSS_01))) | | 3. |
| 33 | (TCV_Res := OO_SSresultCHK(C_NotifyCFB)) | | | |
| 34 | [TCV_Res = TRUE] | | (P) | |
| 35 | +localtree1 | | | |
| 36 | [TCV_Res = FALSE] | | (F) | |
| 37 | +localtree1 | | | |
| | localtree1 | | | |
| 38 | L!DL_DatRqCcstEnq | CCStEq_01(TI_02, TCV_chTch) | | |
| 39 | L?DL_DatInCcst | CCSt_14(TI_01, C_U10) | (P) | |
| 40 | L!DL_DatRqRelCmp | RelCmpRq_05(TI_02, TCV_chTch) | | |
| 41 | +PostMainLinkRel(TCV_chTch) | | | |

Detailed Comments:

1. To setup physical channels for BCCH, CCCH, SDCCH4 and full rate traffic channels.
2. To send a FACILITY message containing NotifySS invocation while the MS is in U7 state.
3. To send a FACILITY message containing NotifySS invocation while the MS is in U10 state.

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_31_2_1_7_1_2 |
| Group: | GSM_L3_MS_v4170/SS/ |
| Purpose: | <p>1) To check that when an outgoing call is being established, if the ALERTING message is received with the facility information element containing an SS notification, the MS correctly reaches CC state U4. This is tested for CFU.</p> <p>2) As an outgoing call is being established, if the ALERTING message is received with the facility information element containing an SS notification, the MS provides the appropriate user indication (which is to be described by the manufacturer). This is tested for CFU.</p> <p>3) As an outgoing call is being established, if the CONNECT message is received with the facility information element containing an SS notification, the MS normally sends a CONNECT ACK message and enter CC state U10. This is tested for CFC.</p> <p>4) As an outgoing call is being established, if the CONNECT message is received with the facility information element containing an SS notification (for CFU or CFC), the MS provides the appropriate user indication (which is to be described by the manufacturer). This is tested for CFC.</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-----------------|--|--|----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immss, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immss, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +AttmpFullRateCall | | | |
| 8 | | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq_msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L!DL_UdatRqImmss | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 12 | | L?DL_EstInCmsRq | CmsrReq_01 | | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | L!DL_DatRqCmsAcp | CmsrAcp_01(TCV_ch) | | |
| 15 | | +SetupRcvMo(SetupInd_01) | | | |
| 16 | | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 17 | | +AssCmdGenMO(C_Full) | | | |
| 18 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 19 | | +continue | | | |
| 20 | continue | L!DL_DatRqAlert | Alert_02(TCV_chTch, Alerting_04(TCV_TI, facilityIEtsndiei(NotificationSS_02))) | 2. | |

| | | | | |
|----|---|---|-----|----|
| 21 | (TCV_Res := OO_SSresultCHK(C_NotifyCFU)) | | | |
| 22 | [TCV_Res = TRUE] | | (P) | |
| 23 | +localtree | | | |
| 24 | [TCV_Res = FALSE] | | (F) | |
| 25 | +localtree | | | |
| | localtree | | | |
| 26 | L!DL_DatRqCstEnq | CCStEq_01(TCV_TI, TCV_chTch) | | |
| 27 | L?DL_DatInCst | CCSt_14(TCV_TI0, C_U4) | (P) | |
| 28 | LIDL_DatRqConn | Conn_03(TCV_chTch , Connect_05(TCV_TI, facility Etsndiei(NotificationSS_03))) | | 3. |
| 29 | L?DL_DatInConnAck | ConnAckRcv_01(TCV _TI0) | | |
| 30 | (TCV_Res := OO_SSresultCHK(C_NotifyCFC)) | | | |
| 31 | [TCV_Res = TRUE] | | (P) | |
| 32 | +localtree1 | | | |
| 33 | [TCV_Res = FALSE] | | (F) | |
| 34 | +localtree1 | | | |
| | localtree1 | | | |
| 35 | L!DL_DatRqCstEnq | CCStEq_01(TCV_TI, TCV_chTch) | | |
| 36 | L?DL_DatInCst | CCSt_14(TCV_TI0, C_U10) | (P) | |
| 37 | LIDL_DatRqRelCmp | RelCmpRq_05(TCV_ TI, TCV_chTch) | | |
| 38 | +PostMainLinkRel(TCV_chTch) | | | |

Detailed Comments:

1. To setup physical channels for BCCH, CCCH, SDCCH4 and full rate traffic channels.
2. To send an ALERTING message containing NotifySS invocation while the MS is in U4 state.
3. To send a CONNECT message containing NotifySS invocation while the MS is in U10 state.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|------------------|--|--|-----|-------------------------|
| Test Case Name: | | TC_31_2_1_7_2 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To check that, upon receipt of the SETUP message containing a notification indication that the call is a forwarded one, the MS correctly continues call establishment and enters CC state U6.</p> <p>2) Upon receipt of the SETUP message containing a notification indication that the call is a forwarded one, the MS provides the appropriate user indication (which is to be described by the manufacturer).</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 7 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 8 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 9 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 10 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 11 | | L?DL_EstInPgRes | PgRes_01 | | |
| 12 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 13 | | L!DL_DatRqSetup | SetupRq_05(TCV_ch, Setup_24(facilityIEtsndiei(NotificationSS_04))) | | 2. |
| 14 | | L!DL_DatRqCstEnq | CCStEq_01(TI_02, TCV_ch) | | |
| 15 | | L?DL_DatInCst | CCSt_14(TI_01, C_U6) | (P) | |
| 16 | | (TCV_Res := OO_SSresultCHK(C_NotifyCFNRc)) | | | |
| 17 | | [TCV_Res = TRUE] | | (P) | |
| 18 | | +localtree | | | |
| 19 | | [TCV_Res = FALSE] | | (F) | |
| 20 | | +localtree | | | |
| 21 | localtree | L!DL_DatRqRelCmp | RelCmpRq_05(TI_02, TCV_ch) | | |
| 22 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | <p>1. To setup a physical channel as BCCH, CCCH and SDCCH4.</p> <p>2. To send a setup message containing facility IE (notification, forwarded call).</p> | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_31_6_1_1 |
| Group: | GSM_L3_MS_v4170/SS/ |
| Purpose: | <ol style="list-style-type: none"> 1) To verify that when the MS receives the AOCC parameters in a Facility IE which is contained in the CONNECT message and when a TCH has already been assigned, the MS returns a FACILITY message containing the acknowledgement within 1 second. 2) To verify that when the MS receives the AOCC parameters in a Facility IE which is contained in a CONNECT message and when a TCH has already been assigned, the MS stores the correct value in the ACM field of the SIM. 3) To verify that the when the call has no volume related component the MS ignores non-zero AOCC e5, e6 parameters sent to it. |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|--|----|----------|
| 1 | | START T_guard(1800) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Null := OO_ACMReading()) | | 1. | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 7 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +execution1 | | | |
| 9 | | +execution2 | | | |
| 10 | | +execution3 | | | |
| 11 | | +execution4 | | | |
| 12 | | +execution5 | | | |
| | | execution1 | | | |
| 13 | | +start | | | |
| 14 | | L!DL_DatRqConn START T_dly(90000), START T_dly1(1000) | Conn_03(TCV_chTch, Connect_05(TCV_TI, facilityIEtsndiei(FwdChAdvSS_01))) | 2. | |
| 15 | | +AOC_CHK_FAC(TCV_TI0) | | | |
| 16 | | +localtree("43") | | | |
| | | execution2 | | | |
| 17 | | +start | | | |
| 18 | | L!DL_DatRqConn START T_dly(90000), START T_dly1(1000) | Conn_03(TCV_chTch, Connect_05(TCV_TI, facilityIEtsndiei(FwdChAdvSS_02))) | | |
| 19 | | +AOC_CHK_FAC(TCV_TI0) | | | |
| 20 | | +localtree("100") | | | |
| | | execution3 | | | |
| 21 | | +start | | | |
| 22 | | L!DL_DatRqConn START T_dly(90000), START T_dly1(1000) | Conn_03(TCV_chTch, Connect_05(TCV_TI, facilityIEtsndiei(FwdChAdvSS_03))) | | |
| 23 | | +AOC_CHK_FAC(TCV_TI0) | | | |
| 24 | | +localtree("2000") | | | |

| | | | | |
|---------------------------|---|---|-----|-------------------------|
| 25 | execution4 | | | |
| 26 | +start L!DL_DatRqConn START T_dly(90000), START T_dly1(1000) | Conn_03(TCV_chTch , Connect_05(TCV_TI, facilityIEtsndiei(FwdChAdvSS_04))) | | |
| 27 | +AOC_CHK_FAC(TCV_TI0) | | | |
| 28 | +localtree("89 or 90") | | | |
| 29 | execution5 | | | |
| 30 | +start L!DL_DatRqConn START T_dly(90000), START T_dly1(1000) | Conn_03(TCV_chTch , Connect_05(TCV_TI, facilityIEtsndiei(FwdChAdvSS_05))) | | |
| 31 | +AOC_CHK_FAC(TCV_TI0) | | | |
| 32 | +localtree("50 or 62.5") | | | |
| 33 | localtree(val:IA5String) | | | |
| 34 | +post (TCV_Res := OO_ACMIncCHK(val)) | | | |
| 35 | [TCV_Res] | | (P) | |
| 36 | [NOT TCV_Res] | | (F) | |
| 37 | start | | | |
| 38 | +AttmpFullRateCall +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 39 | L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq. msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq_17 | | |
| 40 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 41 | L!DL_UdatRqImmss | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 42 | L?DL_EstInCmsRq | CmserReq_01 | | |
| 43 | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 44 | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_c h) | | |
| 45 | +SetupRcvMo(SetupInd_01) | | | |
| 46 | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 47 | +AssCmdGenMO(C_Full) | | | |
| 48 | +AssCh_complete(TCV_ch,TC V_chTch,TCV_AssCmd) | | | |
| 49 | L!DL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | | |
| 50 | post ?TIMEOUT T_dly | | | |
| 51 | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 52 | L?DL_DatInRel | ReleaseInd_02 | | |
| 53 | L!DL_DatRqRelCmp | RelCmpRq_05(TCV_ TI, TCV_chTch) | | |
| 54 | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To read and note the value of ACM on SIM at the beginning of the test, 2. To send Facility IE of ForwardChargeAdvice using definite form mixed with indefinite form. 3. To check whether the increment of the value of ACM on SIM is the expected value. | | |

| Test Case Dynamic Behaviour | | | | | |
|---|-------|--|---|-----|----------|
| Test Case Name: TC_31_6_1_2 | | | | | |
| Group: GSM_L3_MS_v4170/SS/ | | | | | |
| Purpose: | | | | | |
| 1) To verify that when the MS receives certain AOCC e-parameters in a Facility IE which is contained in a FACILITY message sent after the CONNECT message and when a TCH has already been assigned, the MS returns a FACILITY message containing the acknowledgement within 1 second. | | | | | |
| 2) To verify that when the MS receives the AOCC parameters in a Facility IE which is contained in a FACILITY message and when a TCH has already been assigned, the MS stores the correct value in the ACM field of the SIM. | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(1800) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Null := OO_ACMReading()) | | 1. | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 7 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +execution1 | | | |
| 9 | | +execution2 | | | |
| 10 | | +execution3 | | | |
| 11 | | +execution4 | | | |
| 12 | | +execution5 | | | |
| execution1 | | | | | |
| 13 | | +start | | | |
| 14 | | L!DL_DatRqFac START T_dly(90000), START T_dly1(1000) | FacilityRq_07(TCV_chTch, FacilityPdu_25(TCV_TI, facilityIEtsnd(FwdChAdvSS_06))) | | 2. |
| 15 | | LIDL_DatRqConnAck | ConnAck_01(TCV_chTch) | | |
| 16 | | L?DL_DatInFac CANCEL T_dly1 | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | (P) | |
| 17 | | +post("0") | | | |
| 18 | | ?TIMEOUT T_dly1 | | (F) | 3. |
| 19 | | L?DL_DatInFac | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | | |
| 20 | | +post("0") | | | |
| execution2 | | | | | |
| 21 | | +start | | | |
| 22 | | L!DL_DatRqFac START T_dly(90000), START T_dly1(1000) | FacilityRq_07(TCV_chTch, FacilityPdu_25(TCV_TI, facilityIEtsnd(FwdChAdvSS_07))) | | |
| 23 | | LIDL_DatRqConnAck | ConnAck_01(TCV_chTch) | | |
| 24 | | L?DL_DatInFac CANCEL T_dly1 | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | (P) | |

| | | | |
|----|---|--|-----|
| 25 | +post("100") | TI_01, facilityIErcv(FwdChAdvRslt_01))) | |
| 26 | ?TIMEOUT T_dly1 | | (F) |
| 27 | L?DL_DatInFac | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | |
| 28 | +post("100") | | |
| | execution3 | | |
| 29 | +start | | |
| 30 | L!DL_DatRqFac START T_dly(90000), START T_dly1(1000) | FacilityRq_07(TCV_c hTch, FacilityPdu_25(TCV_TI, facilityIEtsnd(FwdChAdvSS_08))) | |
| 31 | L!DL_DatRqConnAck | ConnAck_01(TCV_ch Tch) | |
| 32 | L?DL_DatInFac CANCEL T_dly1 | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | (P) |
| 33 | +post("43") | | |
| 34 | ?TIMEOUT T_dly1 | | (F) |
| 35 | L?DL_DatInFac | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | |
| 36 | +post("43") | | |
| | execution4 | | |
| 37 | +start | | |
| 38 | L!DL_DatRqFac START T_dly(90000), START T_dly1(1000) | FacilityRq_07(TCV_c hTch, FacilityPdu_25(TCV_TI, facilityIEtsnd(FwdChAdvSS_09))) | |
| 39 | L!DL_DatRqConnAck | ConnAck_01(TCV_ch Tch) | |
| 40 | L?DL_DatInFac CANCEL T_dly1 | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | (P) |
| 41 | +post("89 or 90") | | |
| 42 | ?TIMEOUT T_dly1 | | (F) |
| 43 | L?DL_DatInFac | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | |
| 44 | +post("89 or 90") | | |
| | execution5 | | |
| 45 | +start | | |
| 46 | L!DL_DatRqFac START T_dly(90000), START T_dly1(1000) | FacilityRq_07(TCV_c hTch, FacilityPdu_25(TCV_TI, facilityIEtsnd(FwdChAdvSS_10))) | |
| 47 | L!DL_DatRqConnAck | ConnAck_01(TCV_ch Tch) | |
| 48 | L?DL_DatInFac CANCEL T_dly1 | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | (P) |
| 49 | +post("50 or 62.5") | | |
| 50 | ?TIMEOUT T_dly1 | | (F) |
| 51 | L?DL_DatInFac | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | |

| | | | | |
|---|---|--|-----|----|
| 52 | +post("50 or 62.5") | | | |
| | start | | | |
| 53 | +BasicServiceMT(TSPX_MTBscSvcA,TSPX_MTChRateA,TSPX_MT_ImmConnA) | | | |
| 54 | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 55 | LIDL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupSnd(TCV_ch, TCV_Setup_mt) | | |
| 56 | +AssCmdGenMT(TSPX_MTChRateA) | | | |
| 57 | L?DL_DatInCallCo(TCV_CallCfm:=DL_DatInCallCo.msg) | CallCfm_01 | | |
| 58 | +Adjust_gsmanddcs_powerlvl(0,3,TCV_AssCmd) | | | |
| 59 | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | |
| 60 | L?DL_DatInAlert | AlertRcv_01 | | |
| 61 | (TCV_Null:=OO_HookOff()) | | | |
| 62 | L?DL_DatInConn | ConnRcv_01 | | |
| | post(para:IA5String) | | | |
| 63 | ?TIMEOUT T_dly | | | |
| 64 | LIDL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 65 | L?DL_DatInRel | ReleaseInd_02 | | |
| 66 | LIDL_DatRqRelCmp | RelCmpRq_05(TCV_TI, TCV_chTch) | | |
| 67 | +PostMainLinkRel(TCV_chTch) | | | |
| 68 | (TCV_Res := OO_ACMIncCHK(para)) | | | |
| 69 | [TCV_Res] | | (P) | 4. |
| 70 | [NOT TCV_Res] | | (F) | |
| Detailed Comments: | | | | |
| 1. To read and note the value of ACM on SIM at the beginning of the test, | | | | |
| 2. To send Facility IE of ForwardChargeAdvice using definite form mixed with indefinite form. | | | | |
| 3. The expected FACILITY message does not return within 1 second, fail. | | | | |
| 4. To check whether the increment of the value of ACM on SIM is correct. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Case Name: | | TC_31_6_1_5 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | 1) To verify that when the MS receives new AOCC parameters mid-way through a call in a Facility IE which is contained within a FACILITY message the MS returns a FACILITY message containing the acknowledgement within 1 second. 2) To verify that when the MS receives new charging information mid-way through a call in the form of a Facility IE contained within a FACILITY message the MS correctly indicates the total charge considering both sets of charging information | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(600) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Null := OO_ACMReading()) | | | 1. |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +AttmpFullRateCall | | | |
| 9 | | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInCmsRq | CmserReq_01 | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | | |
| 16 | | +SetupRcvMo(SetupInd_01) | | | |
| 17 | | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 18 | | +AssCmdGenMO(C_Full) | | | |
| 19 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 20 | | L!DL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | | |
| 21 | | L!DL_DatRqConn | Conn_01(TCV_TI, TCV_chTch) | | |
| 22 | | +continue | | | |
| 23 | | continue L!DL_DatRqFac START T_dly(80000), START T_dly1(1000) | FacilityRq_07(TCV_chTch, FacilityPdu_25(TCV_TI, facilityIEtsnd(FwdChAdvSS_11))) | | |

| | | | | |
|----|---|---|-----|----|
| 24 | +AOC_CHK_FAC(TCV_TIO) | | | |
| 25 | +localtree | | | |
| | localtree | | | |
| 26 | ?TIMEOUT T_dly | | | |
| 27 | L!DL_DatRqFac START T_dly(100000), START T_dly1(1000) | FacilityRq_07(TCV_chTch, FacilityPdu_25(TCV_TI, facilitylEtsnd(FwdChAdvSS_12))) | | 2. |
| 28 | L?DL_DatInFac CANCEL T_dly1 | Facility_03(FacilityPdu_26(TCV_TIO, facilitylErcv(FwdChAdvRslt_01))) | (P) | |
| 29 | +post | | | |
| 30 | (TCV_Res := OO_ACMIncCHK("65")) | | | 3. |
| 31 | [TCV_Res] | | (P) | |
| 32 | [NOT TCV_Res] | | (F) | |
| 33 | ?TIMEOUT T_dly1 | | (F) | |
| 34 | L?DL_DatInFac | Facility_03(FacilityPdu_26(TCV_TIO, facilitylErcv(FwdChAdvRslt_01))) | | |
| 35 | +post | | | |
| 36 | (TCV_Res := OO_ACMIncCHK("65")) | | | |
| 37 | [TCV_Res] | | (P) | |
| 38 | [NOT TCV_Res] | | (F) | |
| | post | | | |
| 39 | ?TIMEOUT T_dly | | | |
| 40 | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 41 | L?DL_DatInRel | ReleaseInd_02 | | |
| 42 | LIDL_DatRqRelCmp | RelCmpRq_05(TCV_TI, TCV_chTch) | | |
| 43 | +PostMainLinkRel(TCV_chTch) | | | |

Detailed Comments:

1. To read and note the value of ACM on SIM at the beginning of the test,
2. To send second CAI.
3. To check whether the increment of the value of ACM on SIM is 65.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Case Name: | | TC_31_6_1_6 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To verify that when the MS receives a Facility IE in which certain e-parameters are set to zero the total charge accumulated is the same as that when the same e-parameters are completely omitted from the Facility IE.</p> <p>2) To verify the operation of a shortened channel release procedure where the SS does not send DISCONNECT but only the RELEASE COMPLETE and CHANNEL RELEASE messages or just the CHANNEL RELEASE message.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | Cref | V | Comments |
| 1 | | START T_guard(1200) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Null := OO_ACMReading()) | | | 1. |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +execution1 | | | |
| 9 | | +execution2 | | | |
| 10 | | +execution3 | | | |
| | | execution1 | | | |
| 11 | | +start | | | |
| 12 | | L!DL_DatRqFac START T_dly(90000) | FacilityRq_07(TCV_chTch, FacilityPdu_25(TCV_TI, facilityIEtsnd(FwdChAdvSS_13))) | | 2. |
| 13 | | +branch | | | |
| 14 | | ?TIMEOUT T_dly | | | |
| 15 | | +localtree1 | | | |
| | | localtree1 | | | |
| 16 | | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 17 | | L?DL_DatInRel | ReleaseInd_02 | | |
| 18 | | L!DL_DatRqRelCmp | RelCmpRq_05(TCV_TI, TCV_chTch) | | |
| 19 | | +localtree3 | | | |
| | | execution2 | | | |
| 20 | | +start | | | |
| 21 | | L!DL_DatRqFac START T_dly(90000) | FacilityRq_07(TCV_chTch, FacilityPdu_25(TCV_TI, facilityIEtsnd(FwdChAdvSS_14))) | | |
| 22 | | +branch | | | |
| 23 | | ?TIMEOUT T_dly | | | |
| 24 | | +localtree2 | | | |
| | | localtree2 | | | |
| 25 | | L!DL_DatRqRelCmp | RelCmpRq_05(TCV_TI, TCV_chTch) | | |
| 26 | | +localtree3 | | | |

| | | | |
|---|--|--|-------------------------|
| | execution3 | | |
| 27 | +start | | |
| 28 | L!DL_DatRqFac START T_dly(90000) | FacilityRq_07(TCV_chTch, FacilityPdu_25(TCV_TI, facilityIEtsnd(FwdChAdvSS_14))) | |
| 29 | +branch | | |
| 30 | ?TIMEOUT T_dly | | |
| 31 | +localtree3 | | |
| | localtree3 | | |
| 32 | +PostMainLinkRel(TCV_chTch) | | |
| 33 | (TCV_Res := OO_ACMIncCHK("20")) | | 4. |
| 34 | [TCV_Res] | (P) | |
| 35 | [NOT TCV_Res] | (F) | |
| | branch | | |
| 36 | L!DL_DatRqConn | Conn_01(TCV_TI, TCV_chTch) | |
| 37 | L?DL_DatInFac | Facility_03(FacilityPdu_26(TCV_TIO, facilityIErcv(FwdChAdvRslt_01))) | (P) 3. |
| 38 | L?DL_DatInConnAck | ConnAckRcv_01(TCV_TIO) | |
| 39 | L?DL_DatInConnAck | ConnAckRcv_01(TCV_TIO) | |
| 40 | L?DL_DatInFac | Facility_03(FacilityPdu_26(TCV_TIO, facilityIErcv(FwdChAdvRslt_01))) | (P) 3. |
| | start | | |
| 41 | +AttmpFullRateCall | | |
| 42 | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | |
| 43 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | |
| 44 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 45 | L!DL_UdatRqImmss | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 46 | L?DL_EstInCmsRq | CmserReq_01 | |
| 47 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 48 | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | |
| 49 | +SetupRcvMo(SetupInd_01) | | |
| 50 | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | |
| 51 | +AssCmdGenMO(C_Full) | | |
| 52 | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | |
| 53 | L!DL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | |
| Detailed Comments: | | | |
| 1. To read and note the value of ACM on SIM at the beginning of the test, | | | |
| 2. To send Facility IE of ForwardChargeAdvice using definite form mixed with indefinite form. | | | |
| 3. The expected FACILITY message received, pass. | | | |
| 4. To check whether the increment of the value of ACM on SIM is 20. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Case Name: | | TC_31_6_1_7 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To verify that when the MS invokes a Call Hold call and hence receives Facility IEs containing AOCC e-parameters for each chargeable call the MS returns a FACILITY message containing the AOCC acknowledgement within 1 second of transmission of each set of e-parameters.</p> <p>2) To verify that when the MS invokes a Call Hold call and hence receives Facility IEs containing CAI elements for each chargeable call the CCM records the sum of all the charges for the services currently being used and hence that the ME inserts the correct charge in the ACM field of the SIM.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(600) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Null := OO_ACMReading()) | | | 1. |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +AttmpFullRateCall | | | |
| 9 | | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 10 | | +continue | | | |
| | | continue | | | |
| 11 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | | |
| 12 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 13 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 14 | | L?DL_EstInCmsRq | CmsrReq_01 | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | L!DL_DatRqCmsAcp | CmsrAcp_01(TCV_ch) | | |
| 17 | | +SetupRcvMo(SetupInd_01) | | | |
| 18 | | LIDL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 19 | | +AssCmdGenMO(C_Full) | | | |
| 20 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 21 | | L!DL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | | |
| 22 | | LIDL_DatRqConn START T_dly(180000), START T_dly1(1000) | Conn_03(TCV_chTch, Connect_05(TCV_TI, facilityIEtsndie(FwdChAdvSS_15))) | | 2. |
| 23 | | +AOC_CHK_FAC(TCV_TI0) | | | |
| 24 | | +localtree | | | |
| | | localtree | | | |
| 25 | | (TCV_Null := OO_CallHold()) | | | |

| | | | |
|----|--|---|----|
| 26 | L?DL_DatInHold | Hold_01(TCV_TI0) | |
| 27 | LIDL_DatRqHoldAck | HoldAck_01(TCV_TI, TCV_chTch) | |
| 28 | +AttmpFullRateCall | | |
| 29 | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | |
| 30 | L?DL_EstInCmsRq | CmserReq_01 | |
| 31 | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_chTch) | |
| 32 | +SetupRcvMo2(SetupInd_01) | | |
| 33 | LIDL_DatRqCallProc | CallProc(TCV_chTch, TCV_CallProc) | |
| 34 | LIDL_DatRqAlert | Alert_01(TCV_TI2, TCV_chTch) | |
| 35 | LIDL_DatRqConn START T_dly2(90000), START T_dly1(1000) | Conn_03(TCV_chTch , Connect_05(TCV_TI2, facility Etsndie(FwdChAdvSS_16))) | 3. |
| 36 | +AOC_CHK_FAC(TCV_TI1) | | |
| 37 | +localtree1 | | |
| | localtree1 | | |
| 38 | ?TIMEOUT T_dly2 | | |
| 39 | +releasecall(TCV_TI2) | | 4. |
| 40 | ?TIMEOUT T_dly1 | | |
| 41 | +releasecall(TCV_TI) | | 5. |
| 42 | +releaselink | | |
| 43 | ?TIMEOUT T_dly1 | | |
| 44 | +releasecall(TCV_TI) | | 5. |
| 45 | ?TIMEOUT T_dly2 | | |
| 46 | +releasecall(TCV_TI2) | | 4. |
| 47 | +releaselink | | |
| | releasecall(ti:TI) | | |
| 48 | LIDL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(ti)) | |
| 49 | L?DL_DatInRel | ReleaseInd_02 | |
| 50 | LIDL_DatRqRelCmp | RelCmpRq_05(ti, TCV_chTch) | |
| | releaselink | | |
| 51 | +PostMainLinkRel(TCV_chTch) | | |
| 52 | (TCV_Res := OO_ACMIncCHK("54")) | | 6. |
| 53 | [TCV_Res] | (P) | |
| 54 | [NOT TCV_Res] | (F) | |

Detailed Comments:

1. To read and note the value of ACM on SIM at the beginning of the test,
2. To send Facility IE of ForwardChargeAdvice using definite form mixed with indefinite form.
3. To send second CAI.
4. To release call C.
5. To release call B.
6. To check whether the increment of the ACM value on SIM is 54.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Case Name: | | TC_31_6_1_8 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To verify that when the MS invokes a Multi-party call and hence receives Facility IEs containing AOCC e-parameters for each chargeable call the MS returns a FACILITY message containing the AOCC acknowledgement within 1 second of transmission of each set of e-parameters.</p> <p>2) To verify that when the MS originates a Multi-party call and hence receives Facility IEs containing CAI elements for each chargeable call the CCM records the sum of all the charges for the services currently being used and hence the ME inserts the correct charge in the ACM field of the SIM.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(600) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Null := OO_ACMReading()) | | | 1. |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +AttmpFullRateCall | | | |
| 9 | | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInCmsRq | CmsReq_01 | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqCmsAcp | CmsReq_01(TCV_ch) | | |
| 16 | | +SetupRcvMo(SetupInd_01) | | | |
| 17 | | +continue | | | |
| | | continue | | | |
| 18 | | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 19 | | +AssCmdGenMO(C_Full) | | | |
| 20 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 21 | | L!DL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | | |
| 22 | | L!DL_DatRqConn START T_dly(180000), START T_dly1(1000) | Conn_03(TCV_chTch, Connect_05(TCV_TI, facilityIEtsndiei(FwdChAdvSS_17))) | | 2. |
| 23 | | +AOC_CHK_FAC(TCV_TI0) | | | |
| 24 | | +localtree | | | |

| | | | | |
|----|---|--|-----|----|
| 25 | localtree (TCV_Null := OO_CallHold()) | | | 3. |
| 26 | L?DL_DatInHold | Hold_01(TCV_TI0) | | |
| 27 | LIDL_DatRqHoldAck | HoldAck_01(TCV_TI, TCV_chTch) | | |
| 28 | +AttmpFullRateCall | | | 4. |
| 29 | +BasicServiceMO(TSPX_MO_BscSvc_FRCal l, C_Full) | | | |
| 30 | L?DL_DatInCmsRq | CmserDatReq_01 | | |
| 31 | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_c hTch) | | |
| 32 | +SetupRcvMo2(SetupInd_01) | | | |
| 33 | LIDL_DatRqCallProc | CallProc(TCV_chTch, TCV_CallProc) | | |
| 34 | LIDL_DatRqAlert | Alert_01(TCV_TI2, TCV_chTch) | | |
| 35 | LIDL_DatRqConn START T_dly2(90000), START T_dly1(1000) | Conn_03(TCV_chTch , Connect_05(TCV_TI2, facilitylEtsndie(FwdChAdvSS_18))) | | 5. |
| 36 | +AOC_CHK_FAC(TCV_TI1) | | | |
| 37 | +localtree1 | | | |
| 38 | localtree1 (TCV_Null := OO_MptyCall()) | | | 6. |
| 39 | L?DL_DatInFac (TCV_Comp := DL_DatInFac.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, BldMptySS_01), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].registerSS Components.registerSS_InvokeComp.invokelD, 1), TCV_TI3 := DL_DatInFac.msg.ti, TCV_TI3.ti_f := '1'B) | Facility_03(FacilityPdu_04(TCV_TI0, TCV_TI1, facilitylErcv(BldMptySS_01))) | | |
| 40 | LIDL_DatRqFac | FacilityRq_07(TCV_ch, FacilityPdu_25(TCV_TI3, facilitylEtsnd(BuildMptySSRslt_01(TCV_Invkld)))) | | |
| 41 | +localtree2 | | | |
| 42 | localtree2 ?TIMEOUT T_dly2 | | | |
| 43 | +releasecall(TCV_TI2) | | | |
| 44 | ?TIMEOUT T_dly1 | | | |
| 45 | +releasecall(TCV_TI) | | | |
| 46 | +releaselink | | | |
| 47 | ?TIMEOUT T_dly1 | | | |
| 48 | +releasecall(TCV_TI) | | | |
| 49 | ?TIMEOUT T_dly2 | | | |
| 50 | +releasecall(TCV_TI2) | | | |
| 51 | +releaselink | | | |
| 52 | releasecall(ti: TI) LIDL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(ti)) | | |
| 53 | L?DL_DatInRel | ReleaseInd_02 | | |
| 54 | LIDL_DatRqRelCmp | RelCmpRq_05(ti, TCV_chTch) | | |
| 55 | releaselink +PostMainLinkRel(TCV_chTch) | | | |
| 56 | (TCV_Res := OO_ACMIncCHK("134")) | | | 7. |
| 57 | [TCV_Res] | | (P) | |
| 58 | [NOT TCV_Res] | | (F) | |

Detailed Comments: 1. To read and note the value of ACM on SIM at the beginning of the test,
2. To send Facility IE of ForwardChargeAdvice using definite form mixed with indefinite form.

3. To hold the first call.
4. To make a second call.
5. To send CAI for the second call.
6. To build the multi party call.
7. To check whether the increment of the value of ACM on SIM is 134.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|----|-------------------------|
| Test Case Name: | | TC_31_6_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | 1) To verify that when the SIM is removed from the ME during an active AOCC call the ME immediately terminates the call. 2) To verify that when the SIM is removed during an active AOCC call the ME has written the total charge up to that point in the call to the ACM field of the SIM. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Null := OO_ACMReading()) | | 1. | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 7 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +AttmpFullRateCall | | | |
| 9 | | +BasicServiceMO(TSPX_MO_BscSv c_FRCall, C_Full) | | | |
| 10 | body | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInCmsRq | CmserReq_01 | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_c h) | | |
| 16 | | +SetupRcvMo(SetupInd_01) | | | |
| 17 | | +continue | | | |
| 18 | | continue L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 19 | | +AssCmdGenMO(C_Full) | | | |
| 20 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 21 | | L!DL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | | |
| 22 | | L!DL_DatRqConn START T_dly(90000), START T_dly1(1000) | Conn_03(TCV_chTch, Connect_05(TCV_TI, facility!Etsndiei(FwdChAdvSS_19))) | 2. | |
| 23 | | +AOC_CHK_FAC(TCV_TI0) | | | |
| 24 | | +localtree | | | |
| 25 | | localtree ?TIMEOUT T_dly | | | |
| 26 | | START T_dly(60000) | | | |

| | | | | |
|----|---------------------------------|---|-----|----|
| 27 | (TCV_Null := OO_SIMRmv()) | | | 3. |
| 28 | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TCV_TI0) | | |
| 29 | L!DL_DatRqRel | RelRq_02(TCV_TI, TCV_chTch) | | |
| 30 | L?DL_DatInRelCmp | RelCmp_02(TCV_TI0) | (P) | |
| 31 | +PostMainLinkRel(TCV_chTch) | | | |
| 32 | CANCEL T_dly | | | |
| 33 | +localtree1 | | | |
| 34 | L?DL_DatInRelCmp | RelCmp_02(TCV_TI0) | (P) | |
| 35 | +PostMainLinkRel(TCV_chTch) | | | |
| 36 | CANCEL T_dly | | | |
| 37 | +localtree1 | | | |
| 38 | L?DL_RelIn | DLRelInd_01 | (P) | |
| 39 | CANCEL T_dly | | | |
| 40 | +localtree1 | | | |
| 41 | ?TIMEOUT T_dly | | (F) | |
| 42 | +PostMainLinkRel(TCV_chTch) | | | |
| 43 | +localtree1 | | | |
| | localtree1 | | | |
| 44 | (TCV_Res := OO_ACMIncCHK("30")) | | | 4. |
| 45 | [TCV_Res] | | (P) | |
| 46 | [NOT TCV_Res] | | (F) | |

Detailed Comments:

1. To read and note the value of ACM on SIM at the beginning of the test,
2. To send Facility IE of ForwardChargeAdvice using definite form mixed with indefinite form.
3. To remove the SIM without power off and 90 seconds after CAI sent.
4. To check whether the increment of the value of ACM on SIM is 30.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_31_6_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | To verify that when the power supply of the MS is removed during an active AOCC call the ME has written the total charge up to that point in the call to the ACM field of the SIM. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Null := OO_ACMReading()) | | | 1. |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 7 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +execution1 | | | |
| 9 | | +execution2 | | | |
| | | execution1 | | | |
| 10 | | +main | | | |
| 11 | | (TCV_Null := OO_SwitchOff()) | | | 3. |
| 12 | | (TCV_Res := OO_ACMIncCHK("30")) | | | 4. |
| 13 | | [TCV_Res] | | (P) | |
| 14 | | [NOT TCV_Res] | | (F) | |
| | | execution2 | | | |
| 15 | | (TCV_Null := OO_SwitchOn()) | | | 5. |
| 16 | | START T_dly(20000) | | | |
| 17 | | ?TIMEOUT T_dly | | | |
| 18 | | +main | | | |
| 19 | | (TCV_Null := OO_PowerDown()) | | | 6. |
| 20 | | (TCV_Res := OO_ACMIncCHK("30")) | | | 4. |
| 21 | | [TCV_Res] | | (P) | |
| 22 | | [NOT TCV_Res] | | (F) | |
| | | main | | | |
| 23 | | +AttmpFullRateCall | | | |
| 24 | | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 25 | | L?DL_RaClNChRq (TCV_Rr := DL_RaClNChRq.msg.ecau_rrf, TCV_Fn := DL_RaClNChRq.fn) | ChReq_17 | | |
| 26 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 27 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 28 | | L?DL_EstInCmsRq | CmserReq_01 | | |
| 29 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 30 | | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | | |
| 31 | | +SetupRcvMo(SetupInd_01) | | | |
| 32 | | +continue | | | |
| | | continue | | | |
| 33 | | LIDL_DatRqCallProc | CallProc(TCV_ch, | | |

| | | | |
|---|--|---|----|
| 34 | +AssCmdGenMO(C_Full) | TCV_CallProc) | |
| 35 | +AssCh_complete(TCV_ch,TCV_chTch,TCV_Ass Cmd) | | |
| 36 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | |
| 37 | LIDL_DatRqConn START T_dly(90000), START T_dly1(1000) | Conn_03(TCV_chTch , Connect_05(TCV_TI, facilityIEtsndiei(FwdChAdvSS_19))) | 2. |
| 38 | +AOC_CHK_FAC(TCV_TI0) | | |
| 39 | ?TIMEOUT T_dly | | |
| Detailed Comments: | | | |
| <ol style="list-style-type: none"> 1. To read and note the value of ACM on SIM at the beginning of the test, 2. To send Facility IE of ForwardChargeAdvice using definite form mixed with indefinite form. 3. To switch off the MS 90 seconds after CAI sent. 4. To check whether the increment of the value of ACM on SIM is 30. 5. To switch on the MS and wait for the MS back to idle state. 6. To remove battery pack 90 seconds after CAI sent. | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|-------------------------|
| Test Case Name: | | TC_31_6_2_3 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | To verify that when the MS goes out of radio coverage area and an active call is dropped the ME has written the total charge up to that point in the call to the ACM field of the SIM. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Null := OO_ACMReading()) | | | 1. |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +AttmpFullRateCall | | | |
| 8 | | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 9 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_17 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 12 | | L?DL_EstInCmsRq | CmserReq_01 | | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | | |
| 15 | | +SetupRcvMo(SetupInd_01) | | | |
| 16 | | +continue | | | |
| 17 | | continue L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 18 | | +AssCmdGenMO(C_Full) | | | |
| 19 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 20 | | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | | |
| 21 | | LIDL_DatRqConn START T_dly(90000), START T_dly1(1000) | Conn_03(TCV_chTch, Connect_05(TCV_TI, facility!Etsndiei(FwdChAdvSS_19))) | | 2. |
| 22 | | +AOC_CHK_FAC(TCV_TI0) | | | |
| 23 | | +localtree | | | |
| 24 | | localtree ?TIMEOUT T_dly | | | |
| 25 | | (TCV_Null := OM_StopCell(C_CellA)) | | | 3. |
| 26 | | (TCV_Res := OO_ACMIncCHK("30")) | | | 4. |
| 27 | | [TCV_Res] | | (P) | |
| 28 | | [NOT TCV_Res] | | (F) | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To read and note the value of ACM on SIM at the beginning of the test, 2. To send Facility IE of ForwardChargeAdvice using definite form mixed with indefinite form. 3. To switch off the cell A 90 seconds after CAI sent. 4. To check whether the increment of the value of ACM on SIM is 30. | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_31_6_2_4 |
| Group: | GSM_L3_MS_v4170/SS/ |
| Purpose: | <p>1) To verify that when the value stored in the ACM becomes equal to or exceeds its maximum value, the ACMM, any outgoing calls in progress for which a non-zero CAI exists are terminated by the ME, once the chargeable interval determined by the CAI has elapsed, with an appropriate indication given to the user.</p> <p>2) To verify that when the value stored in the ACM becomes equal to or exceeds its maximum limit, the ACMM, the making of non-emergency calls is inhibited</p> <p>3) To verify that when the value stored in the ACM becomes equal to or exceeds its maximum limit, the ACMM, the making of emergency calls is uninhibited</p> |
| Default: | OtherEventsFail |
| Comments: | The ACM is reset to zero and the ACMmax is set to 2 units before starting the test |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|--|----|-------------------------|
| 1 | | START T_guard(600) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Null := OO_ACMReading()) | | 1. | |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +execution1 | | | |
| 9 | | +execution2 | | | |
| 10 | | +execution3 | | | |
| | | execution1 | | | |
| 11 | | +AttmpFullRateCall | | | |
| 12 | | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 13 | | L?DL_RaClNChRq (TCV_Rr := DL_RaClNChRq.msg.ecau_rrf, TCV_Fn := DL_RaClNChRq.fn) | ChReq_17 | | |
| 14 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 15 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 16 | | L?DL_EstInCmsRq | CmserReq_01 | | |
| 17 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 18 | | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | | |
| 19 | | +SetupRcvMo(SetupInd_01) | | | |
| 20 | | +continue | | | |
| | | continue | | | |
| 21 | | LIDL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 22 | | +AssCmdGenMO(C_Full) | | | |
| 23 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 24 | | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | | |

| | | | |
|----|--|--|-------------------------|
| 25 | L!DL_DatRqConn START T_dly1(1000), START T_dly(100000) | Conn_03(TCV_chTch , Connect_05(TCV_TI, facilityIetsndiei(FwdChAdvSS_20))) | 2. |
| 26 | +AOC_CHK_FAC(TCV_TI0) | | |
| 27 | +localtree | | |
| | localtree | | |
| 28 | L?DL_DatInDisc READTIMER T_dly(TCV_Time), CANCEL T_dly | DiscRcv(TCV_chTch, Disconn_05(TCV_TI0) | 3. |
| 29 | [(88000 <= TCV_Time) AND (TCV_Time <= 92000)] | | (P) 4. |
| 30 | +localtree1 | | |
| 31 | [(88000 > TCV_Time) OR(TCV_Time > 92000)] | | (F) |
| 32 | +localtree1 | | |
| | localtree1 | | |
| 33 | L!DL_DatRqRel | RelRq_04(TCV_TI, TCV_chTch) | |
| 34 | L?DL_DatInRelCmp | RelCmp_02(TCV_TI0) | |
| 35 | +PostMainLinkRel(TCV_chTch) | | |
| 36 | (TCV_Res := OO_ACMIncCHK("2")) | | 5. |
| 37 | [TCV_Res] | | (P) |
| 38 | [NOT TCV_Res] | | (F) |
| | execution2 | | |
| 39 | +AttmpFullRateCall | | |
| 40 | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | |
| 41 | START T_dly(5000) | | |
| 42 | ?TIMEOUT T_dly | | (P) |
| 43 | L?DL_RaInChRq CANCEL T_dly | ChReq_02 | (F) |
| | execution3 | | |
| 44 | +AttmpEmgCall | | 6. |
| 45 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_18 | |
| 46 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 47 | LIDL_UdatRqImmss | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 48 | L?DL_EstInCmsRq | CmserReq_01 | |
| 49 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 50 | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_c h) | |
| 51 | +SetupRcvE(ESetup_01) | | |
| 52 | +continue1 | | |
| | continue1 | | |
| 53 | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | |
| 54 | +AssCmdGenMO(C_Full) | | |
| 55 | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | |
| 56 | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_chTch) | |
| 57 | LIDL_DatRqConn START T_dly1(1000), START T_dly(120000) | Conn_03(TCV_chTch , Connect_05(TCV_TI, facilityIetsndiei(FwdChAdvSS_06))) | 7. |
| 58 | +AOC_CHK_FAC(TCV_TI0) | | |
| 59 | ?TIMEOUT T_dly | | 9. |

| | | | | | |
|----|--|--------------------------------|--|-----|----|
| 60 | | +TermCall | | | |
| 61 | | +localtree2 | | | |
| | | localtree2 | | | |
| 62 | | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TCV_T10)) | (P) | |
| 63 | | L!DL_DatRqRel | RelRq_04(TCV_T1, TCV_chTch) | | |
| 64 | | L?DL_DatInRelCmp | RelCmp_02(TCV_T10) | | |
| 65 | | +PostMainLinkRel(TCV_chTch) | | | |
| 66 | | (TCV_Res := OO_ACMIncCHK("0")) | | | 8. |
| 67 | | [TCV_Res] | | (P) | |
| 68 | | [NOT TCV_Res] | | (F) | |

Detailed Comments:

1. To reset the ACM = 0 and set the ACMmax to 2.
2. To send Facility IE of ForwardChargeAdvice using definite form mixed with indefinite form.
3. The call is terminated when the ACM reaches the ACMmax (cause value #68).
4. The time duration is 90 +- 2 seconds, pass.
5. To check whether the ACM increment is 2.
6. To make an emergency call.
7. To send Facility IE of ForwardChargeAdvice using definite form mixed with indefinite form.
8. To check whether the value of ACM is still 2.
9. The time duration is 120 seconds.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------------------------------|---|----------|
| Test Case Name: | | TC_31_6_2_5 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To verify that when the value stored in the ACM becomes equal to or exceeds its maximum value, the ACMM, any mobile terminating calls in progress for which a non-zero CAI exists are terminated by the ME, once the chargeable interval determined by the CAI has elapsed, with an appropriate indication given to the user.</p> <p>2) To verify that when the value stored in the ACM becomes equal to or exceeds its maximum value, the ACMM, and an incoming call is received for which subsequently a non-zero CAI is received, then the call is terminated by the ME with an appropriate indication given to the user.</p> <p>3) To verify that when the value stored in the ACM becomes equal to or exceeds its maximum limit, the ACMM, the receiving of calls for which the CAI is zero is uninhibited.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(600) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_Null := OO_ACMReading()) | | | 1. |
| 5 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 6 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 8 | | +execution1 | | | |
| 9 | | +execution2 | | | |
| 10 | | +execution3 | | | |
| | | execution1 | | | |
| 11 | | +init | | | |
| 12 | | +branchA | | | |
| 13 | | +branchF | | | |
| 14 | | +TimerCheck | | | |
| 15 | | +step20("2") | | | 5. |
| | | execution2 | | | |
| 16 | | +init | | | |
| 17 | | +branchB | | | |
| 18 | | +branchC | | | |
| 19 | | +branchD | | | |
| 20 | | +branchE | | | |
| 21 | | +branchG | | | |
| 22 | | +step20("0") | | | 8. |
| | | execution3 | | | |
| 23 | | +init | | | |
| 24 | | +branchA | | | |
| 25 | | +branchH | | | |
| 26 | | +step20("0") | | | 8. |
| | | init | | | |
| 27 | | +PreEstRRConn(TCV_slot, TCV_tsc, TimingAdv_01) | | | |
| 28 | | LIDL_DatRqSetup | SetupRq_05(TCV_ch, Setup_01) | | |
| 29 | | L?DL_DatInCallCo(TCV_CallCfm := | CallCfm_01 | | |

| | | | |
|----|---|--|-----------------------|
| 30 | DL_DatInCallCo.msg) | | |
| 31 | +AssCmdGenMT(C_Full) | | |
| 32 | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | |
| 33 | L?DL_DatInAlert | AlertRcv_01 | |
| 34 | (TCV_Null := OO_HookOff()) | | |
| 35 | L?DL_DatInConn | ConnRcv_01 | |
| 36 | L!DL_DatRqConnAck | ConnAck_01(TCV_ch Tch) | |
| 37 | L?DL_DatInConn | ConnRcv_01 | |
| 38 | L!DL_DatRqConnAck | ConnAck_01(TCV_ch Tch) | |
| | branchA | | |
| 39 | L!DL_DatRqFac START T_dly(120000) | FacilityRq_07(TCV_c hTch, FacilityPdu_25(TI_02, facilityIEtsnd(FwdChAdvSS_20))) | 2., 7. |
| 40 | L?DL_DatInFac | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | (P) |
| | branchB | | |
| 41 | L!DL_DatRqFac | FacilityRq_07(TCV_c hTch, FacilityPdu_25(TI_02, facilityIEtsnd(FwdChAdvSS_20))) | 2. |
| 42 | L?DL_DatInFac | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | (P) |
| | branchC | | |
| 43 | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TI_01)) | 6. |
| 44 | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TI_01)) | 6. |
| 45 | L?DL_DatInFac | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | (P) |
| | branchD | | |
| 46 | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TI_01)) | 6. |
| 47 | L?DL_DatInFac | Facility_03(FacilityPdu_26(TI_01, facilityIErcv(FwdChAdvRslt_01))) | (P) |
| | branchE | | |
| 48 | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_10(TI_01)) | 6., with ReturnResult |
| | branchF | | |
| 49 | L?DL_DatInDisc READTIMER T_dly(TCV_Time), CANCEL T_dly | DiscRcv(TCV_chTch, Disconn_05(TI_01)) | 3. |
| 50 | L!DL_DatRqRel | RelRq_04(TI_02, TCV_chTch) | |
| 51 | L?DL_DatInRelCmp | RelCmp_02(TI_01) | |
| 52 | +PostMainLinkRel(TCV_chTch) | | |
| | branchG | | |
| 53 | L!DL_DatRqRel | RelRq_04(TI_02, TCV_chTch) | |
| 54 | L?DL_DatInRelCmp | RelCmp_09(TI_01) | |
| 55 | +PostMainLinkRel(TCV_chTch) | | |
| | branchH | | |
| 56 | ?TIMEOUT T_dly | | 9. |
| 57 | +TermCall | | |
| 58 | L?DL_DatInDisc (TCV_Fn1 := DL_DatInDisc.fn) | DiscRcv(TCV_chTch, Disconn_05(TI_01)) | 3. |
| 59 | L!DL_DatRqRel | RelRq_04(TI_02, | |

| | | | | |
|---|---|------------------|-----|----|
| 57 | L?DL_DatInRelCmp | TCV_chTch) | | |
| 58 | +PostMainLinkRel(TCV_chTch) | RelCmp_02(TI_01) | | |
| | step20(val:IA5String) | | | |
| 59 | (TCV_Res := OO_ACMIncCHK(val)) | | | |
| 60 | [TCV_Res] | | (P) | |
| 61 | [NOT TCV_Res] | | (F) | |
| | TimerCheck | | | |
| 62 | [(88000 <= TCV_Time) AND (TCV_Time <= 92000)] | | (P) | 4. |
| 63 | [(88000 > TCV_Time) OR(TCV_Time > 92000)] | | (F) | 4. |
| Detailed Comments: | | | | |
| <ol style="list-style-type: none"> 1. To reset the ACM = 0 and set the ACMmax to 2. 2. To send Facility IE of ForwardChargeAdvice using definite form mixed with indefinite form. 3. The call is terminated when the ACM reaches the ACMmax. 4. To check whether the time duration is 90 +- 2 seconds. 5. To check whether the ACM increment is 2. 6. The call is unsuccessful. 7. To send Facility IE of ForwardChargeAdvice with zero CAI. 8. To check whether the value of ACM is still 2. 9. The time duration is 120 seconds. | | | | |

Test Case Dynamic Behaviour

Test Case Name: TC_31_8_1_1

Group: GSM_L3_MS_v4170/SS/

Purpose:

- 1) To check that the MS correctly requests a supplementary service transaction for registration of a password for all call restriction services in CHANNEL REQUEST message.
- 2) To check that the MS correctly requests a supplementary service transaction for registration of a password for all call restriction services in the subsequent CM-SERVICE REQUEST.
- 3) To check that the MS sends a REGISTER message containing the invoke of the RegisterPassword operation with the expected parameter values for registration of a password for all barring services.
- 4) To check that when the mobile subscriber wants to register a new password, the old password the new and the repeat of the new password shall be entered into the MS before the MS sends to the network a CHANNEL REQUEST..
- 5) To check that the MS is able to send a password by sending a FACILITY message in accordance to the user request (MMI actions).
- 6) To check that upon receipt of the result of the procedure, contained in RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the manufacturer).

These checks are done for:
all barring services, the result of the operation being sent in a RELEASE COMPLETE message

Default: OtherEventsFail

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | (TCV_Null := OO_InitSS("***03*330*1234*9876*9876#")) | | 2. | |
| 7 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 8 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 9 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 10 | | L?DL_EstInCmsRq | CmsReq_08 | | |
| 11 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 12 | | L!DL_DatRqCmsAcp | CmsReq_01(TCV_ch) | | |
| 13 | | +continue | | | |
| 14 | | continue L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, RegPasswdSS_01), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].registerPasswordComponents.registerPassword_InvokeComp.invokelD, 1)) | Register_03(RegisterPdu_03(facilityIercv(RegPasswdSS_01))) | | |
| 15 | | L!DL_DatRqFac | FacilityRq_07(TCV_ch, FacilityPdu_25_ci(TCV_TI, | | |

| | | | |
|----|---------------------------|---|-------|
| 16 | L?DL_DatInFac | facilityIEtsnd(GetPasswdSS_01(TCV_Invkld)))) Facility_03(FacilityPdu_26_ci(TCV_TI, facilityIErcv(GetPasswdRslt_01)))) | 3 |
| 17 | LIDL_DatRqFac | FacilityRq_07(TCV_ch, FacilityPdu_25_ci(TCV_TI, facilityIEtsnd(GetPasswdSS_02(TCV_Invkld)))) Facility_03(FacilityPdu_26_ci(TCV_TI, facilityIErcv(GetPasswdRslt_02)))) | 4 |
| 18 | L?DL_DatInFac | facilityIEtsnd(GetPasswdSS_03(TCV_Invkld)))) Facility_03(FacilityPdu_26_ci(TCV_TI, facilityIErcv(GetPasswdRslt_02)))) | 5 |
| 19 | LIDL_DatRqFac | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndie(RegPasswdSSRslt_01(TCV_Invkld)))) | (P) 5 |
| 20 | L?DL_DatInFac | | |
| 21 | LIDL_DatRqRelCmp | | |
| 22 | +PostMainLinkRel(TCV_ch) | | |

Detailed Comments:

1. To set up physical channel as BCCH, CCCH and SDCCH4.
2. To initiate the Registration of password supplementary service.
3. Received the old password.
4. Received the new password.
5. Received the repeat of new password.

Test Case Dynamic Behaviour

Test Case Name: TC_31_8_1_2_1

Group: GSM_L3_MS_v4170/SS/

Purpose:

- 1) To check that, when a call transaction is already established, the MS correctly requests the establishment of a parallel MM transaction for supplementary service transaction of registration of a password for all call restriction services, sending a CM-SERVICE REQUEST.
- 2) To check that the MS sends a REGISTER message containing the invoke of the RegisterPassword operation with the expected parameter values for registration of a password for all call restriction services.
- 3) To check that upon receipt of the RELEASE COMPLETE message related to the present SS transaction, the first transaction remains unaffected.
- 4) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the Manufacturer).

Those checks are performed with a call transaction already established for:
 all call restriction services, the RELEASE COMPLETE message being sent at the beginning of the procedure with a facility IE containing a return_error(error) where error is "SS subscription violation".

Default: OtherEventsFail

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|--|-----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | 2. | |
| 8 | | (TCV_Null := OO_InitSS("***03*330*1234*9876*9877#")) | | 3. | |
| 9 | | L?DL_DatInCmsRq | CmserDatReq_08 | | |
| 10 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_chTch) | | |
| 11 | | +localtree | | | |
| 12 | | localtree L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, RegPasswdSS_01), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].registerPasswordComponents.registerPassword_InvokeComp.invokedID, 1)) | Register_03(RegisterPdu_03(facilityErcv(RegPasswdSS_01))) | (P) | |
| 13 | | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_chTch, ReleaseCmp_09(TCV_TI2, facilityEtsndiei(RegPasswdSSErr_01(TCV_Invkld)))) | 4. | |
| 14 | | L!DL_DatRqCstEnq | CCStEq_01(TCV_TI, TCV_chTch) | | |
| 15 | | L?DL_DatInCst | CCSt_14(TCV_TI0, | (P) | |

| | | |
|--|-----------------------------|--------|
| 16 | +PostMainLinkRel(TCV_chTch) | C_U10) |
| Detailed Comments: <ol style="list-style-type: none">1. To set up physical channels as BCCH, CCCH, SDCCH4 and full rate traffic channel.2. To establish a mobile originating call, bring the MS into state U10.3. To initiate RegisterPassword supplementary service.4. To reject the RegisterPassword supplementary service invocation. | | |

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_31_8_1_2_2 |
| Group: | GSM_L3_MS_v4170/SS/ |
| Purpose: | <p>1) To check that, when a call transaction is already established, the MS correctly requests the establishment of a parallel MM transaction for supplementary service transaction of registration of a password for all call restriction services, sending a CM-SERVICE REQUEST.</p> <p>2) To check that the MS sends a REGISTER message containing the invoke of the RegisterPassword operation with the expected parameter values for registration of a password for all call restriction services.</p> <p>3) To check that upon receipt of the RELEASE COMPLETE message related to the present SS transaction, the first transaction remains unaffected.</p> <p>4) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the Manufacturer).</p> <p>Those checks are performed with a call transaction already established for :</p> <p style="padding-left: 40px;">all call restriction services, the RELEASE COMPLETE message being sent at the end of the procedure with a facility IE containing a return_error(error) where error is "NegativePasswordCheck".</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDef) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | 2. | |
| 8 | body | (TCV_Null := OO_InitSS("***03*330*1234*9876*9876#")) | | 3. | |
| 9 | | L?DL_DatInCmsRq | CmsrDatReq_08 | | |
| 10 | | L!DL_DatRqCmsAcp | CmsrAcp_01(TCV_chTch) | | |
| 11 | | +continue | | | |
| 12 | | continue L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, RegPasswdSS_01), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].registerPasswordComponents.registerPassword_InvokeComp.invokelD, 1)) | Register_03(RegisterPdu_03(facilityIErcv(RegPasswdSS_01))) | | |
| 13 | | L!DL_DatRqFac | FacilityRq_07(TCV_chTch, FacilityPdu_25_ci(TCV_TI2, facilityIEtsnd(GetPasswdSS_01(TCV_Invkld)))) | | |
| 14 | | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI1, facilityIErcv(| 4 | |

| | | | |
|----|--|--|-----|
| 15 | L!DL_DatRqRelCmp | GetPasswdRslt_01))) RelCmpRq_10(TCV_ chTch, ReleaseCmp_09(TCV_TI2, facilityIEtsndiei(RegPasswdSSErr_02 (TCV_InvkId)))) | 5. |
| 16 | +MMI_indic_chk | | |
| 17 | L!DL_DatRqCcstEnq | CCStEq_01(TCV_TI, TCV_chTch) | |
| 18 | L?DL_DatInCcst | CCSt_14(TCV_TI0, C_U10) | (P) |
| 19 | +PostMainLinkRel(TCV_chTch) | | |
| | MMI_indic_chk | | |
| 20 | (TCV_Res := OO_SSresultCHK(C_RegPswd)) | | |
| 21 | [TCV_Res] | | (P) |
| 22 | [NOT TCV_Res] | | (F) |

Detailed Comments:

1. To set up physical channels as BCCH, CCCH, SDCCH4 and full rate traffic channel.
2. To establish a mobile originating call, bring the MS into state U10.
3. To initiate the Registration of password supplementary service.
4. Received the wrong password.
5. Negative password check, indefinite form.
6. Check whether the MS provides correct MMI user indication.

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_31_8_1_2_3 |
| Group: | GSM_L3_MS_v4170/SS/ |
| Purpose: | <p>1) To check that, when a call transaction is already established, the MS correctly requests the establishment of a parallel MM transaction for supplementary service transaction of registration of a password for all call restriction services, sending a CM-SERVICE REQUEST.</p> <p>2) To check that the MS sends a REGISTER message containing the invoke of the RegisterPassword operation with the expected parameter values for registration of a password for all call restriction services.</p> <p>3) To check that upon receipt of the RELEASE COMPLETE message related to the present SS transaction, the first transaction remains unaffected.</p> <p>4) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the Manufacturer).</p> <p>Those checks are performed with a call transaction already established for : all call restriction services, the RELEASE COMPLETE message being sent at the end of the procedure with a facility IE containing a return_error(error) where error is "PasswordRegistrationFailure" with diagnostic "new password mismatch".</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|--|----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | 2. | |
| 8 | | (TCV_Null := OO_InitSS("***03*330*1234*9876*9877#")) | | 3. | |
| 9 | | L?DL_DatInCmsRq | CmserDatReq_08 | | |
| 10 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_c hTch) | | |
| 11 | | +continue | | | |
| 12 | | continue L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, RegPasswdSS_01), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].registerPasswordComponents.registerPassword_InvokeComp.invokedID, 1)) | Register_03(RegisterPdu_03(facilityErcv(RegPasswdSS_01))) | | |
| 13 | | L!DL_DatRqFac | FacilityRq_07(TCV_c hTch, FacilityPdu_25_ci(TCV_TI2, facilityEtsnd(GetPasswdSS_01(TCV_Invkld)))) | | |
| 14 | | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI1, | 4. | |

| | | | |
|---|--|---|-----|
| 15 | LIDL_DatRqFac | facilityErcv(GetPasswdRslt_01))) FacilityRq_07(TCV_c hTch, FacilityPdu_25_ci(TCV_TI2, facilityEtsnd(GetPasswdSS_02(TCV_InvkId)))) | |
| 16 | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI1, facilityErcv(GetPasswdRslt_02))) | 5. |
| 17 | LIDL_DatRqFac | FacilityRq_07(TCV_c hTch, FacilityPdu_25_ci(TCV_TI2, facilityEtsnd(GetPasswdSS_03(TCV_InvkId)))) | |
| 18 | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI1, facilityErcv(GetPasswdRslt_03))) | 6. |
| 19 | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_ chTch, ReleaseCmp_09(TCV_TI2, facilityEtsndiei(RegPasswdSSErr_03 (TCV_InvkId)))) | 7. |
| 20 | +MMI_indic_chk | | |
| 21 | LIDL_DatRqCstEnq | CCStEq_01(TCV_TI, TCV_chTch) | |
| 22 | L?DL_DatInCst | CCSt_14(TCV_TI0, C_U10) | (P) |
| 23 | +PostMainLinkRel(TCV_chTch) | | |
| 24 | MMI_indic_chk (TCV_Res := OO_SSresultCHK(C_RegPswd)) | | |
| 25 | [TCV_Res] | | (P) |
| 26 | [NOT TCV_Res] | | (F) |
| Detailed Comments: | | | |
| 1. To set up physical channels as BCCH, CCCH, SDCCH4 and full rate traffic channel. | | | |
| 2. To establish a mobile originating call, bring the MS into state U10. | | | |
| 3. To initiate the Registration of password supplementary service. | | | |
| 4. Received the old password. | | | |
| 5. Received the new password. | | | |
| 6. TReceived a different new password. | | | |
| 7. New password mismatch. | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_31_8_3_1 |
| Group: | GSM_L3_MS_v4170/SS/ |
| Purpose: | <p>1) To check that the MS correctly requests a supplementary service transaction for activation of a specific call restriction service in CHANNEL REQUEST message.</p> <p>2) To check that the MS correctly requests a supplementary service transaction for activation of call restriction service in the subsequent CM-SERVICE REQUEST.</p> <p>3) To check that the MS sends a REGISTER message containing the invoke of the ActivateSS operation with the expected parameter values for activation of a specific call restriction service.</p> <p>4) To check that upon receipt of FACILITY message requiring the password, the MS provides the appropriate user indication (as described by the manufacturer).</p> <p>5) To check that the MS is able to send a password by sending a FACILITY message in accordance to the user request (MMI actions).</p> <p>6) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (which is to be described by the manufacturer).</p> <p>These checks are done for:</p> <p>a) BAOC, for basic service group "all synchronous services" the result of the operation being sent in a FACILITY message.</p> <p>b) BICRoam, for all basic service groups, the result of the operation being sent in a RELEASE COMPLETE message.</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|-----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | (TCV_Null := OO_InitSS("**33**22#")) | | 2. | |
| 7 | | +part1 | | | |
| 8 | | (TCV_Null := OO_InitSS("**351#")) | | 3. | |
| 9 | | +part2 | | | |
| | | part1 | | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | (P) | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInCmsRq | CmserReq_08 | | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | | |
| 16 | | +localtree | | | |
| | | localtree | | | |
| 17 | | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ActivateSS_03), TCV_InvkId := OC_Asn1intToOct(TCV_Comp.[TCV_n].activateSSCo | Register_03(RegisterPdu_03(facilityIercv(ActivateSS_03))) | (P) | |

| | | | |
|----|---|---|-------------------------|
| 18 | mponents.activateSS_InvokeComp.invokeID, 1)) L!DL_DatRqFac | FacilityRq_07(TCV_ch, FacilityPdu_25_ci(TCV_TI, facilityEtsnd(GetPasswdSS_01(TCV_Invkld)))) | 4. |
| 19 | (TCV_Null := OO_EnterPswd("1234")) | | 5. |
| 20 | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI0, facilityIErcv(GetPasswdRslt_01))) | (P) |
| 21 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityEtsndiei(ActivateSSRslt_03(TCV_Invkld)))) | |
| 22 | +Checktree(C_ActBOAC) | | |
| 23 | +PostMainLinkRel(TCV_ch) | | |
| 24 | part2 L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq. msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq_04 | (P) |
| 25 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 26 | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 27 | L?DL_EstInCmsRq | CmsReq_08 | |
| 28 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 29 | L!DL_DatRqCmsAcp | CmsReqAcp_01(TCV_ch) | |
| 30 | +localtree1 | | |
| 31 | localtree1 L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ActivateSS_04), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].activateSSCo mponents.activateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(ActivateSS_04))) | (P) |
| 32 | L!DL_DatRqFac | FacilityRq_07(TCV_ch, FacilityPdu_25_ci(TCV_TI, facilityEtsnd(GetPasswdSS_01(TCV_Invkld)))) | 4. |
| 33 | +Checktree(C_RegPswd) | | |
| 34 | (TCV_Null := OO_EnterPswd("1234")) | | 5. |
| 35 | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI0, facilityIErcv(GetPasswdRslt_01))) | |
| 36 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityEtsndiei(ActivateSSRslt_04(TCV_Invkld)))) | |
| 37 | +Checktree(C_ActBICRoam) | | |
| 38 | +PostMainLinkRel(TCV_ch) | | |
| | Checktree(par:INTEGER) | | |

| | | | | |
|--|----------------------------------|--|-----|----|
| 39 | (TCV_Res := OO_SSresultCHK(par)) | | | 6. |
| 40 | [TCV_Res = TRUE] | | (P) | |
| 41 | +PostMainLinkRel(TCV_ch) | | | |
| 42 | [TCV_Res = FALSE] | | (F) | |
| 43 | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: | | | | |
| 1. To setup physical channel as BCCH, CCCH and SDCCH4. | | | | |
| 2. To initiate Activation for BAOC. | | | | |
| 3. To initiate Activation for BICRoam. | | | | |
| 4. To send GetPassword invocation to the MS. | | | | |
| 5. To enter password at the MMI. | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_31_8_3_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To check that, when a call transaction is already established, the MS correctly requests the establishment of a parallel MM transaction for supplementary service transaction of specific call barring service, sending a CM-SERVICE REQUEST.</p> <p>2) To check that the MS sends a REGISTER message containing the invoke of the ActivateSS operation with the expected parameter values for specific call barring service.</p> <p>3) To check that upon receipt of the RELEASE COMPLETE message related to the present SS transaction, the first transaction remains unaffected.</p> <p>4) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the Manufacturer).</p> <p>Those checks are performed with a call transaction already established for : BOIC, the RELEASE COMPLETE message being sent at the beginning of the procedure with a facility IE containing a return_error(error) where error is "SS subscription violation".</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | | 2. |
| 8 | | (TCV_Null := OO_InitSS("**331#")) | | | 3. |
| 9 | | L?DL_DatInCmsRq | CmserDatReq_08 | | |
| 10 | | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_chTch) | | |
| 11 | | +localtree | | | |
| 12 | | localtree L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ActivateSS_05), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].activateSScomponents.activateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(ActivateSS_05))) | (P) | |
| 13 | | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_chTch, ReleaseCmp_09(TCV_TI2, facilityIEtsndiei(ActivateSSErr_01(TCV_Invkld)))) | | 4. |
| 14 | | (TCV_Res := OO_SSresultCHK(C_ActBOIC)) | | | |
| 15 | | [TCV_Res] | | (P) | 5. |
| 16 | | +localtree1 | | | |
| 17 | | [NOT TCV_Res] | | (F) | |
| 18 | | +localtree1 | | | |
| | | localtree1 | | | |

| | | | |
|----|-----------------------------|---------------------------------|-----|
| 19 | L!DL_DatRqCcstEnq | CCStEq_01(TCV_TI, TCV_chTch) | |
| 20 | L?DL_DatInCcst | CCSt_14(TCV_TI0, C_U10) | (P) |
| 21 | +PostMainLinkRel(TCV_chTch) | | |

Detailed Comments:

1. To setup physical channels as BCCH, CCCH, SDCCH4 and full rate traffic channel.
2. To establish a mobile originating call to bring the MS into state U10.
3. To initiate the ActivateSS for BOIC.
4. To send ReturnError for the invocation of ActivateSS.
5. The user indication is correct, pass.

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_31_8_3_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To check that, when a call transaction is already established, the MS correctly requests the establishment of a parallel MM transaction for supplementary service transaction of activation of one specific call restriction service, sending a CM-SERVICE REQUEST.</p> <p>2) To check that the MS sends a REGISTER message containing the invoke of the ActivateSS operation with the expected parameter values for activation of one specific call restriction service.</p> <p>3) To check that upon receipt of the RELEASE COMPLETE message related to the present SS transaction, the first transaction remains unaffected.</p> <p>4) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the Manufacturer).</p> <p>Those checks are performed with a call transaction already established for :</p> <p>BAIC, the RELEASE COMPLETE message being sent at the end of the procedure with a facility IE containing a return_error(error) where error is "NegativePasswordCheck".</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlTDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | | 2. |
| 8 | | (TCV_Null := OO_InitSS("**35#")) | | | 3. |
| 9 | | L?DL_DatInCmsRq | CmserDatReq_08 | (P) | |
| 10 | | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_chTch) | | |
| 11 | | +localtree | | | |
| 12 | | localtree L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ActivateSS_06), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].activateSScomponents.activateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(ActivateSS_06))) | (P) | |
| 13 | | LIDL_DatRqFac | FacilityRq_07(TCV_chTch, FacilityPdu_25_ci(TCV_TI2, facilityIEtsnd(GetPasswdSS_01(TCV_Invkld)))) | | |
| 14 | | (TCV_Res := OO_SSresultCHK(C_RegPswd)) | | | |
| 15 | | [TCV_Res] | | (P) | |
| 16 | | +localtree1 | | | |
| 17 | | [NOT TCV_Res] | | (F) | |
| 18 | | +localtree1 | | | |
| | | localtree1 | | | |

| | | | | |
|----|--|--|-----|----|
| 19 | (TCV_Null := OO_EnterPswd("1234")) | | | 4. |
| 20 | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI1, facilityIercv(GetPasswdRslt_01))) | | |
| 21 | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_chTch, ReleaseCmp_09(TCV_TI2, facilityIetsndiei(ActivateSSErr_02(TCV_Invkld))) | | 5. |
| 22 | (TCV_Res := OO_SSresultCHK(C_ActBAIC)) | | | |
| 23 | [TCV_Res] | | (P) | 6. |
| 24 | +localtree2 | | | |
| 25 | [NOT TCV_Res] | | (F) | |
| 26 | +localtree2 | | | |
| | localtree2 | | | |
| 27 | L!DL_DatRqCcstEnq | CCStEq_01(TCV_TI, TCV_chTch) | | |
| 28 | L?DL_DatInCcst | CCSt_14(TCV_TI0, C_U10) | (P) | |
| 29 | +PostMainLinkRel(TCV_chTch) | | | |

Detailed Comments:

1. To setup physical channels as BCCH, CCCH, SDCCH4 and full rate traffic channel.
2. To establish a mobile originating call, bring the MS into state U10.
3. To initiate the Activation supplementary service.
4. To enter password.
5. ReturnError indication negative password checking.
6. The user indication is correct, pass.

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_31_8_4_1 |
| Group: | GSM_L3_MS_v4170/SS/ |
| Purpose: | <p>1) To check that the MS correctly requests a supplementary service transaction for deactivation of a group of call barring services in CHANNEL REQUEST message.</p> <p>2) To check that the MS correctly requests a supplementary service transaction for deactivation of a group of call barring services in the subsequent CM-SERVICE REQUEST.</p> <p>3) To check that the MS sends a REGISTER message containing the invoke of the DeactivateSS operation with the expected parameter values for deactivation of a group of call restriction services.</p> <p>4) To check that upon receipt of FACILITY message requiring the password, the MS provides the appropriate user indication (as described by the manufacturer).</p> <p>5) To check that the MS is able to send a password by sending a FACILITY message in accordance to the user request (MMI actions).</p> <p>6) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (which is to be described by the manufacturer).</p> <p>These checks are done for:</p> <p>a) all restrictions, for basic service group "speech".</p> <p>b) barring of outgoing calls, for all facsimile.</p> |

Default: OtherEventsFail

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|-----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | (TCV_Null := OO_InitSS("#330**11#")) | | 2. | |
| 7 | | +part1 | | | |
| 8 | | (TCV_Null := OO_InitSS("#333**13#")) | | 3. | |
| 9 | | +part2 | | | |
| | | part1 | | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | (P) | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInCmsRq | CmsReq_08 | (P) | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqCmsAcp | CmsReq_01(TCV_ch) | | |
| 16 | | +localtree | | | |
| | | localtree | | | |
| 17 | | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, DeactivateSS_03), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].deactivateSS | Register_03(RegisterPdu_03(facilityIErcv(DeactivateSS_03))) | (P) | |

| | | | |
|----|---|---|-------------------------|
| 18 | Components.deactivateSS_InvokeComp.invokeID, 1)) L!DL_DatRqFac | FacilityRq_07(TCV_ch, FacilityPdu_25_ci(TCV_TI, facilitylEtsnd(GetPasswdSS_01(TCV_Invkld)))) | |
| 19 | (TCV_Res := OO_SSresultCHK(C_RegPswd)) | | |
| 20 | [TCV_Res] | | (P) |
| 21 | +localtree1 | | |
| 22 | [NOT TCV_Res] | | (F) |
| 23 | +localtree1 | | |
| | localtree1 | | |
| 24 | (TCV_Null := OO_EnterPswd("1234")) | | 4. |
| 25 | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI0, facilitylErcv(GetPasswdRslt_01))) | |
| 26 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilitylEtsndie(DeactivateSSRslt_03(TCV_Invkld)))) | |
| 27 | +PostMainLinkRel(TCV_ch) | | |
| | part2 | | |
| 28 | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_04 | (P) |
| 29 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 30 | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 31 | L?DL_EstInCmsRq | CmserReq_08 | (P) |
| 32 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 33 | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | |
| 34 | +localtree2 | | |
| | localtree2 | | |
| 35 | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, DeactivateSS_04), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].deactivateSS | Register_03(RegisterPdu_03(facilitylErcv(DeactivateSS_04))) | (P) |
| 36 | Components.deactivateSS_InvokeComp.invokeID, 1)) L!DL_DatRqFac | FacilityRq_07(TCV_ch, FacilityPdu_25_ci(TCV_TI, facilitylEtsnd(GetPasswdSS_01(TCV_Invkld)))) | |
| 37 | (TCV_Res := OO_SSresultCHK(C_RegPswd)) | | |
| 38 | [TCV_Res] | | (P) |
| 39 | +localtree3 | | |
| 40 | [NOT TCV_Res] | | (F) |
| 41 | +localtree3 | | |
| | localtree3 | | |
| 42 | (TCV_Null := OO_EnterPswd("1234")) | | |
| 43 | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI0, | (P) |

| | | | | | |
|---|--|--|---|-----|--|
| 44 | | LIDL_DatRqRelCmp | facilityIErcv(GetPasswdRslt_01))) RelCmpRq_10(TCV_ ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(DeactivateSSRslt_04(TCV_InvkId)))) | | |
| 45 | | (TCV_Res := OO_SSresultCHK(C_DeactBO)) | | | |
| 46 | | [TCV_Res] | | (P) | |
| 47 | | +PostMainLinkRel(TCV_ch) | | | |
| 48 | | [NOT TCV_Res] | | (F) | |
| 49 | | +PostMainLinkRel(TCV_ch) | | | |
| Detailed Comments: <ol style="list-style-type: none"> 1. To setup physical channel as BCCH, CCCH and SDCCH4. 2. To initiate Deactivation for B. 3. To initiate Deactivation for BO. 4. To send GetPassword invocation to the MS. 5. To enter password at the MMI. | | | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_31_8_4_2_1 |
| Group: | GSM_L3_MS_v4170/SS/ |
| Purpose: | <p>1) To check that, when a call transaction is already established, the MS correctly requests the establishment of a parallel MM transaction for supplementary service transaction of a group of call barring services, sending a CM-SERVICE REQUEST.</p> <p>2) To check that the MS sends a REGISTER message containing the invoke of the DeactivateSS operation with the expected parameter values for a group of call barring services.</p> <p>3) To check that upon receipt of the RELEASE COMPLETE message related to the present SS transaction, the first transaction remains unaffected.</p> <p>4) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the Manufacturer).</p> <p>These checks are performed with a call transaction already established for : Bl, the RELEASE COMPLETE message being sent at the beginning of the procedure with a facility IE containing a return_error(error) where error is "SS subscription violation".</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|-----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | 2. | |
| 8 | | (TCV_Null := OO_InitSS("#353#")) | | 3. | |
| 9 | | L?DL_DatInCmsRq | CmserDatReq_08 | | |
| 10 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_chTch) | | |
| 11 | | +localtree | | | |
| 12 | | localtree L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, DeactivateSS_05), TCV_InvkId := OC_Asn1intToOct(TCV_Comp.[TCV_n].deactivateSS Components.deactivateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(DeactivateSS_05))) | (P) | |
| 13 | | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_chTch, ReleaseCmp_09(TCV_TI2, facilityIEtsndiei(DeactivateSSErr_01(TCV_InvkId)))) | 4. | |
| 14 | | (TCV_Res := OO_SSresultCHK(C_DeactBl)) | | | |
| 15 | | [TCV_Res] | | (P) | 5. |
| 16 | | +localtree1 | | | |
| 17 | | [NOT TCV_Res] | | (F) | |
| 18 | | +localtree1 | | | |

| | | | | |
|--|--|---------------------------------|-----|--|
| 19 | localtree1 L!DL_DatRqCcstEnq | CCStEq_01(TCV_TI, TCV_chTch) | | |
| 20 | L?DL_DatInCcst | CCSt_14(TCV_TI0, C_U10) | (P) | |
| 21 | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | | | |
| <ol style="list-style-type: none"> 1. To setup physical channels as BCCH, CCCH, SDCCH4 and full rate traffic channel. 2. To establish a mobile originating call to bring the MS into state U10. 3. To initiate the DeactivateSS for BI. 4. To send ReturnError for the invocation of DeactivateSS. 5. The user indication is correct, pass. | | | | |

Test Case Dynamic Behaviour

Test Case Name: TC_31_8_4_2_2

Group: GSM_L3_MS_v4170/SS/

Purpose:

- 1) To check that, when a call transaction is already established, the MS correctly requests the establishment of a parallel MM transaction for supplementary service transaction of deactivation of a group of call restriction services, sending a CM-SERVICE REQUEST.
- 2) To check that the MS sends a REGISTER message containing the invoke of the DeactivateSS operation with the expected parameter values for deactivation of a group of call restriction service.
- 3) To check that upon receipt of the RELEASE COMPLETE message related to the present SS transaction, the first transaction remains unaffected.
- 4) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the Manufacturer).

Those checks are performed with a call transaction already established for :

BOICExHC, the RELEASE COMPLETE message being sent at the end of the procedure with a facility IE containing a return_error(error) where error is "NegativePasswordCheck".

Default: OtherEventsFail

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|---|-----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | | 2. |
| 8 | | (TCV_Null := OO_InitSS("#332#")) | | | 3. |
| 9 | | L?DL_DatInCmsRq | CmserDatReq_08 | (P) | |
| 10 | | LIDL_DatRqCmsAcp | CmserAcp_01(TCV_c hTch) | | |
| 11 | | +localtree | | | |
| 12 | | localtree L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, DeactivateSS_06), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].deactivateSS Components.deactivateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(DeactivateSS_06))) | (P) | |
| 13 | | L!DL_DatRqFac | FacilityRq_07(TCV_c hTch, FacilityPdu_25_ci(TCV_TI2, facilityIEtsnd(GetPasswdSS_01(TCV_Invkld)))) | | |
| 14 | | (TCV_Res := OO_SSresultCHK(C_RegPswd)) | | | |
| 15 | | [TCV_Res] | | (P) | |
| 16 | | +localtree1 | | | |
| 17 | | [NOT TCV_Res] | | (F) | |
| 18 | | +localtree1 | | | |
| | | localtree1 | | | |

| | | | | |
|--|---|---|-----|----|
| 19 | (TCV_Null := OO_EnterPswd("1234")) | | | 4. |
| 20 | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI1, facilityIErcv(GetPasswdRslt_01))) | | |
| 21 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ chTch, ReleaseCmp_09(TCV_TI2, facilityIEtsndiei(DeactivateSSErr_02(TCV_Invkld)))) | | 5. |
| 22 | (TCV_Res := OO_SSresultCHK(C_DeactBOICExHC)) | | | |
| 23 | [TCV_Res] | | (P) | 6. |
| 24 | +localtree2 | | | |
| 25 | [NOT TCV_Res] | | (F) | |
| 26 | +localtree2 | | | |
| | localtree2 | | | |
| 27 | L!DL_DatRqCstEnq | CCStEq_01(TCV_TI, TCV_chTch) | | |
| 28 | L?DL_DatInCst | CCSt_14(TCV_TI0, C_U10) | (P) | |
| 29 | +PostMainLinkRel(TCV_chTch) | | | |
| Detailed Comments: | | | | |
| 1. To setup physical channels as BCCH, CCCH, SDCCH4 and full rate traffic channel. | | | | |
| 2. To establish a mobile originating call, bring the MS into state U10. | | | | |
| 3. To initiate the deactivation supplementary service. | | | | |
| 4. To enter password. | | | | |
| 5. ReturnError indication negative password checking. | | | | |
| 6. The user indication is correct, pass. | | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|---|
| Test Case Name: | TC_31_8_6_1 |
| Group: | GSM_L3_MS_v4170/SS/ |
| Purpose: | <p>1) To check that the MS correctly requests a supplementary service transaction for interrogation of a specific call barring service in CHANNEL REQUEST message.</p> <p>2) To check that the MS correctly requests a supplementary service transaction for interrogation of a call barring service in the subsequent CM-SERVICE REQUEST.</p> <p>3) To check that the MS sends a REGISTER message containing the invoke of the InterrogateSS operation with the expected parameter values for interrogation of one call restriction service.</p> <p>4) To check that upon receipt of FACILITY message requiring the password, the MS provides the appropriate user indication (as described by the manufacturer).</p> <p>5) To check that the MS is able to send a password by sending a FACILITY message in accordance to the user request (MMI actions).</p> <p>6) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (which is to be described by the manufacturer).</p> <p>These checks are done for :</p> <p>a) BAIC, the result of the operation being a Basic Service code sent in a FACILITY message.</p> <p>b) BOICExHC, the result of the operation being a SS-status sent in a RELEASE COMPLETE message.</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|--|-----|-------------------------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Imm, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Imm, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | (TCV_Null := OO_InitSS("#35#")) | | 2. | |
| 7 | | +part1 | | | |
| 8 | | (TCV_Null := OO_InitSS("#332#")) | | 3. | |
| 9 | | +part2 | | | |
| | | part1 | | | |
| 10 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | (P) | |
| 11 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 12 | | LIDL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 13 | | L?DL_EstInCmsRq | CmserReq_08 | (P) | |
| 14 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 15 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | | |
| 16 | | +localtree | | | |
| | | localtree | | | |
| 17 | | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_Ti0 := TCV_TI, TCV_Ti0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, InterrogateSS_07), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].interrogateS | Register_03(RegisterPdu_03(facilityIercv(InterrogateSS_07))) | (P) | |

| | | | |
|----|--|--|-------------------------|
| 18 | SComponents.interrogateSS_InvokeComp.invokeID, 1)) L?DL_DatRqFac | FacilityRq_07(TCV_ch, FacilityPdu_25_ci(TCV_TI, facilityIEtsnd(GetPasswdSS_01(TCV_Invkld)))) | |
| 19 | (TCV_Res := OO_SSresultCHK(C_RegPswd)) | | |
| 20 | [TCV_Res] | | (P) |
| 21 | +localtree1 | | |
| 22 | [NOT TCV_Res] | | (F) |
| 23 | +localtree1 | | |
| 24 | localtree1 (TCV_Null := OO_EnterPswd("1234")) | | 4. |
| 25 | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI0, facilityIErcv(GetPasswdRslt_01))) | |
| 26 | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndie(InterrogateSSRslt_03(TCV_Invkld)))) | |
| 27 | +PostMainLinkRel(TCV_ch) | | |
| 28 | part2 L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_04 | (P) |
| 29 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 30 | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 31 | L?DL_EstInCmsRq | CmsrReq_08 | (P) |
| 32 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 33 | LIDL_DatRqCmsAcp | CmsrAcp_01(TCV_ch) | |
| 34 | +localtree2 | | |
| 35 | localtree2 L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, InterrogateSS_08), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].interrogateSS SComponents.interrogateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(InterrogateSS_08))) | (P) |
| 36 | LIDL_DatRqFac | FacilityRq_07(TCV_ch, FacilityPdu_25_ci(TCV_TI, facilityIEtsnd(GetPasswdSS_01(TCV_Invkld)))) | |
| 37 | (TCV_Res := OO_SSresultCHK(C_RegPswd)) | | |
| 38 | [TCV_Res] | | (P) |
| 39 | +localtree3 | | |
| 40 | [NOT TCV_Res] | | (F) |
| 41 | +localtree3 | | |
| 42 | localtree3 (TCV_Null := OO_EnterPswd("1234")) | | |
| 43 | L?DL_DatInFac | Facility_03(| (P) |

| | | | | | |
|---|--|---|---|-----|--|
| 44 | | LIDL_DatRqRelCmp | FacilityPdu_26_ci(TCV_TI0, facilityIrcv(GetPasswdRslt_01))) | | |
| 45 | | (TCV_Res := OO_SSresultCHK(C_InterrogBOICExHC)) | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(InterrogateSSRslt_04(TCV_Invkld)))) | | |
| 46 | | [TCV_Res] | | (P) | |
| 47 | | +PostMainLinkRel(TCV_ch) | | | |
| 48 | | [NOT TCV_Res] | | (F) | |
| 49 | | +PostMainLinkRel(TCV_ch) | | | |
| <p>Detailed Comments:</p> <ol style="list-style-type: none"> 1. To setup physical channel as BCCH, CCCH and SDCCH4. 2. To initiate Interrogation for BAIC. 3. To initiate Interrogation for BOICExHC. 4. To send GetPassword invocation to the MS. 5. To enter password at the MMI. | | | | | |

Test Case Dynamic Behaviour

| | |
|------------------------|--|
| Test Case Name: | TC_31_8_6_2 |
| Group: | GSM_L3_MS_v4170/SS/ |
| Purpose: | <p>1) To check that the MS correctly requests the establishment of a parallel MM transaction for supplementary service transaction of interrogation of a specific call barring service message, sending a CM-SERVICE REQUEST.</p> <p>2) To check that the MS sends a REGISTER message containing the invoke of the InterrogateSS operation with the expected parameter values for interrogation of call barring.</p> <p>3) To check that upon receipt of the RELEASE COMPLETE message related to the present SS transaction, the first transaction remains unaffected.</p> <p>4) To check that upon receipt of the RELEASE COMPLETE message, the MS provides the appropriate user indication (as described by the Manufacturer).</p> <p>These checks are performed with a call transaction already established for :</p> <p>a) BICRoam, the RELEASE COMPLETE message being sent with a facility IE containing a return_error(error) where error is "SS not available".</p> <p>b) BOIC, the RELEASE COMPLETE message being sent with a facility IE containing a reject(involve_problem) where involve_problem is "resource limitation".</p> |
| Default: | OtherEventsFail |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|---|---|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef), TCV_cksn := TSPX_CKSNDf) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +EstMsOrigFullRateCall(TimingAdv_01) | | | 2. |
| 8 | | (TCV_Null := OO_InitSS("**#351#")) | | | 3. |
| 9 | | +part1 | | | |
| 10 | | (TCV_Null := OO_InitSS("**#331#")) | | | 4. |
| 11 | | +part2 | | | |
| | | part1 | | | |
| 12 | | L?DL_DatInCmsRq | CmserDatReq_08 | | |
| 13 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_chTch) | | |
| 14 | | +localtree | | | |
| | | localtree | | | |
| 15 | | L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, InterrogateSS_05), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].interrogateSSComponents.interrogateSS_InvokeComp.invokelD, 1)) | Register_03(RegisterPdu_03(facilityIErcv(InterrogateSS_05))) | | |
| 16 | | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_chTch, ReleaseCmp_09(TCV_TI2, | | |

| | | | |
|---|---|--|-----|
| 17 | L!DL_DatRqCstEnq | facility!Etsndiei(InterrogateSSErr_02(TCV_Invkld)))) | |
| 18 | L?DL_DatInCst | CCStEq_01(TCV_TI, TCV_chTch) | (P) |
| 19 | part2 | | |
| 20 | L?DL_DatInCmsRq | CmserDatReq_08 | |
| 21 | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_chTch) | |
| 22 | +localtree1 | | |
| 23 | localtree1 | | |
| 24 | L?DL_DatInRegister (TCV_TI1 := DL_DatInRegister.msg.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, InterrogateSS_06), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].interrogateSSComponents.interrogateSS_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facility!Ercv(InterrogateSS_06))) | |
| 25 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_chTch, ReleaseCmp_09(TCV_TI2, facility!Etsndiei(InterrogateSSRej_02(TCV_Invkld)))) | |
| 26 | (TCV_Res := OO_SSresultCHK(C_InterrogBOIC)) | | |
| 27 | [TCV_Res] | | (P) |
| 28 | L!DL_DatRqCstEnq | CCStEq_01(TCV_TI, TCV_chTch) | |
| 29 | L?DL_DatInCst | CCSt_14(TCV_TI0, C_U10) | (P) |
| 30 | +PostMainLinkRel(TCV_chTch) | | |
| 31 | [NOT TCV_Res] | | (F) |
| 32 | L!DL_DatRqCstEnq | CCStEq_01(TCV_TI, TCV_chTch) | |
| 33 | L?DL_DatInCst | CCSt_14(TCV_TI0, C_U10) | (P) |
| 34 | +PostMainLinkRel(TCV_chTch) | | |
| Detailed Comments: | | | |
| 1. To setup physical channels as BCCH, CCCH and SDCCH4 with default parameters and full rate traffic channel. | | | |
| 2. To establish a mobile originating call. | | | |
| 3. To initiate an interrogation for BICRoam. | | | |
| 4. To initiate an interrogation for BOIC. | | | |

| Test Case Dynamic Behaviour | | | | | |
|--|-------|--|--|-----|-------------------------|
| Test Case Name: | | TC_31_8_7 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | To check that upon receipt of the RELEASE COMPLETE message the MS provides the appropriate user indication (as described by the manufacturer). | | | |
| Default: | | OtherEventsFail | | | |
| This is tested in the case of barring of incoming calls. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | +AttmpFullRateCall | | | |
| 8 | | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 9 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | | |
| 10 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 11 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 12 | | L?DL_EstInCmsRq | CmsReq_01 | | |
| 13 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 14 | | L!DL_DatRqCmsAcp | CmsReq_01(TCV_ch) | | |
| 15 | | L?DL_DatInSetup (TCV_TI := DL_DatInSetup.msg.ti, TCV_TI0 := TCV_TI, TCV_TI.ti_f := '1'B) | SetupIn_01 | | |
| 16 | | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(NotificationSS_05))) | | |
| 17 | | (TCV_Res := OO_SSresultCHK(C_NotifyBI)) | | | |
| 18 | | [TCV_Res] | | (P) | |
| 19 | | +PostMainLinkRel (TCV_ch) | | | |
| 20 | | [NOT TCV_Res] | | (F) | |
| 21 | | +PostMainLinkRel (TCV_ch) | | | |
| Detailed Comments: | | | | | |

Test Case Dynamic Behaviour

Test Case Name: TC_31_9_1_1
Group: GSM_L3_MS_v4170/SS/
Purpose: 1) To verify that the mobile station invokes an USSD request by sending a REGISTER message to the network containing a ProcessUnstructuredSS-Request invoke component. This message will contain the alphabet indicator set to "SMS default alphabet" and the language indicator set to "language unspecified". The ussd-string parameter shall contain the following digits and symbols depending on the operation initiated:

Activation *NN(N)# (no supplementary information included)
 *NN(N)*SI#(one field of supplementary information included)
 *NN(N)*SIA*SIB#(two fields of supplementary information included)

Deactivation #NN(N)# (no supplementary information included)
 #NN(N)*SI#(one field of supplementary information included)
 #NN(N)*SIA*SIB#(two fields of supplementary information included)

Interrogation *#NN(N)# (no supplementary information included)
 *#NN(N)*SI#(one field of supplementary information included)
 *#NN(N)*SIA*SIB#(two fields of supplementary information included)

Registration **NN(N)# (no supplementary information included)
 **NN(N)*SI#(one field of supplementary information included)
 **NN(N)*SIA*SIB#(two fields of supplementary information included)

Erasure ##NN(N)# (no supplementary information included)
 ##NN(N)*SI#(one field of supplementary information included)
 ##NN(N)*SIA*SIB#(two fields of supplementary information included)

Operations not yet defined in GSM 02.30 (see 2)

NN(N) features a set of service codes which have not yet been allocated for GSM supplementary services (see GSM 02.30 for service codes already specified).
 N is a digit within 1..9 and SI, SIA, SIB strings of characters.

2) To check that the entry of 1 or 2 characters defined in the GSM 03.38 default alphabet followed by "SEND" shall be interpreted by the MS as an USSD request unless the MS is not engaged in a call and the first of the two character entry followed by "SEND" is a "1".

3) To verify that, for supplementary service procedures independent of any call, the initiating side must establish a MM-connection between the network and the mobile station according to the rules in TS GSM 4.07 and 4.08.

4) To verify that, within a call the MS shall transmit a USSD request if any. See TS GSM 4.07 and 4.08 for the handling of multiple MM connections.

5) To check that upon receipt of the RELEASE COMPLETE message, the MS shall display the information contained to the user in a way described by the manufacturer.

Default: OtherEventsFail

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|------|----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | 1. | |
| 6 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 7 | | (TCV_counter_c:=1, TCV_counter_k:=1) | | | |

| | | | |
|----|--|--|--|
| 8 | (TCV_PreviousOctets:='A2120201'O, TCV_FollowingOctets:='300E02013B0F C6F038CD4ED3F391E712'O) | | USSD String for FACILITY message (random): "Facility OK" |
| 9 | REPEAT Itree_c_loop UNTIL [TCV_counter_c>17] | | |
| | Itree_c_loop | | |
| 10 | +ItreeSetLoopParameters | | |
| 11 | (TCV_Null:=OO_InitSS(TCV_UssdString)) | | |
| 12 | +Itree_MMConnection | | |
| 13 | +Itree_UssdOperation(TCV_ch) | | |
| 14 | +PostMainLinkRel(TCV_ch) | | |
| 15 | +Itree_continue | | |
| | Itree_continue | | |
| 16 | +Itree_MsOrigCall | | |
| 17 | (TCV_Null := OO_InitSS(TCV_UssdString)) | | |
| 18 | +DTMFSignalling(OC_LengthOfString(TCV_Ussd String), TCV_ti_orig, TCV_ti_dest, TCV_chTch) | | |
| 19 | +Itree_UssdOperation(TCV_chTch) | | |
| 20 | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_ti_d est)) | |
| 21 | L?DL_DatInRel | ReleaseInd_02 | |
| 22 | L!DL_DatRqRelCmp | RelCmpRq_05(TCV_t i_dest, TCV_chTch) | |
| 23 | +PostMainLinkRel(TCV_chTch) | | |
| 24 | (TCV_counter_c := TCV_counter_c+1) | | |
| | Itree_MMConnection | | |
| 25 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | |
| 26 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 27 | L!DL_UdatRqImmss | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| | Itree_MsOrigCall | | |
| 28 | +AttmpFullRateCall | | |
| 29 | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | |
| 30 | +Itree_MMConnection | | |
| 31 | L?DL_EstInCmsRq | CmsRqReq_01 | |
| 32 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 33 | L!DL_DatRqCmsAcp | CmsRqAcp_01(TCV_c hTch) | |
| 34 | L?DL_DatInSetup (TCV_ti_orig := DL_DatInSetup.msg.ti, TCV_ti_dest := TCV_ti_orig, TCV_ti_dest.ti_f :='1'B, TCV_Setup_mo := DL_DatInSetup.msg, TCV_CallProc := OC_CallProcGen(TCV_Setup_mo,CallPr oced_03)) | SetupIn_01 | |
| 35 | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | |
| 36 | L!DL_DatRqAlert | Alert_01(TCV_ti_dest, TCV_chTch) | |
| 37 | L!DL_DatRqConn | Conn_01(TCV_ti_dest , TCV_chTch) | |
| 38 | L?DL_DatInConnAck | ConnAckRcv_01(TCV _ti_orig) | |
| | Itree_UssdOperation(ch: LOGICCH) | | |
| 39 | L?DL_DatInCmsRq | CmsRqDatReq_08 | |
| 40 | ACTIVATE(OtherEventsFail) | | Restore Normal default |

| | | | |
|----|---|--|--|
| 41 | LIDL_DatRqCmsAcp | CmserAcp_01(ch) | |
| 42 | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti.f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ProcessUSSDRReq_01(TCV_UssdString)), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].proces sUnstructuredSSRequestComponents.process UnstructuredSSRequest_InvokeComp.invokeID , 1)) | Register_03(RegisterPdu_03(facilityIercv(ProcessUSSDRReq_01 (TCV_UssdString)))) | (P) |
| 43 | LIDL_DatRqRelCmp | RelCmpRq_10(ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(USSDRReq_01(TCV_Invkld, TCV_PreviousOctets, TCV_FollowingOctets , TCV_UssdString)))) | |
| | ItreeSetLoopParameters | | |
| 44 | [TCV_counter_c=1] | | |
| 45 | (TCV_UssdString:="*60#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | activation with no supplement. information |
| 46 | [TCV_counter_c=2] | | |
| 47 | (TCV_UssdString:="*201*35#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | activation with one field of sup. information |
| 48 | [TCV_counter_c=3] | | |
| 49 | (TCV_UssdString:="*70*635*562#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | activation with two fields of sup. information |
| 50 | [TCV_counter_c=4] | | |
| 51 | (TCV_UssdString:="*#60#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | deactivation with no supplement. information |
| 52 | [TCV_counter_c=5] | | |
| 53 | (TCV_UssdString:="*#201*35#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | deactivation with one field of sup. information |
| 54 | [TCV_counter_c=6] | | |
| 55 | (TCV_UssdString:="*#70*635*562#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | deactivation with two fields of sup. information |
| 56 | [TCV_counter_c=7] | | |
| 57 | (TCV_UssdString:="*#60#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | interrogation with no supplement. information |
| 58 | [TCV_counter_c=8] | | |
| 59 | (TCV_UssdString:="*#201*35#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | interrogation with one field of sup. information |
| 60 | [TCV_counter_c=9] | | |
| 61 | (TCV_UssdString:="*#70*635*562#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | interrogation with two fields of sup. information |
| 62 | [TCV_counter_c=10] | | |
| 63 | (TCV_UssdString:="***60#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | registration with no supplement. information |
| 64 | [TCV_counter_c=11] | | |
| 65 | (TCV_UssdString:="***201*35#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | registration with one field of sup. information |
| 66 | [TCV_counter_c=12] | | |
| 67 | (TCV_UssdString:="***70*635*562#", TCV_PreviousOctets:"O", TCV_FollowingOctets:"O) | | registration with two fields of sup. information |
| 68 | [TCV_counter_c=13] | | |

| | | | |
|---------------------------|---|--|--|
| 69 | (TCV_UssdString:="##60#", TCV_PreviousOctets:="O", TCV_FollowingOctets:="O) | | erasure with no supplement. information |
| 70 | [TCV_counter_c=14] | | |
| 71 | (TCV_UssdString:="##201*35#", TCV_PreviousOctets:="O", TCV_FollowingOctets:="O) | | erasure with one field of sup. information |
| 72 | [TCV_counter_c=15] | | |
| 73 | (TCV_UssdString:="##70*635*562#", TCV_PreviousOctets:="O", TCV_FollowingOctets:="O) | | erasure with two fields of sup. information |
| 74 | [TCV_counter_c=16] | | |
| 75 | (TCV_UssdString:="7", TCV_PreviousOctets:="O", TCV_FollowingOctets:="O) | | acc. requirement 1a (GSM 11.10) |
| 76 | [TCV_counter_c=17] | | |
| 77 | (TCV_UssdString:="26", TCV_PreviousOctets:="O", TCV_FollowingOctets:="O) | | acc. requirement 1a (GSM 11.10) |
| Detailed Comments: | | | |

| Test Case Dynamic Behaviour | | | | | |
|--|-------|---|---|-----|---|
| Test Case Name: TC_31_9_1_2 | | | | | |
| Group: GSM_L3_MS_v4170/SS/ | | | | | |
| Purpose: 1)To verify that if a mobile initiated USSD request using protocole version 2 is rejected by the network, and the reason for the rejection is indicated either by the problem code "unrecognized operation" or a cause "facility rejected", the mobile station shall assume that the network only supports protocole version 1 of USSD operation. The mobile station shall re-attempt the request by using the appropriate protocole version 1 USSD operation without a SS version indicator if the unstructured data entered by the user can be coded as an IA5 string. 2)To check that, upon receipt of the RELEASE COMPLETE message, the MS shall provide the appropriate user indication (which is to be described by the manufacturer). If ussd-string information is included this shall be given to the user (in a way described by the manufacturer). | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_part1 | | | |
| 4 | | +ltree_part2 | | | |
| 5 | | +ltree_part3 | | | |
| | | ltree_preamble | | | |
| 6 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 7 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 8 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 9 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 10 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 11 | | (TCV_counter_k:=1, TCV_UssdString:="*70*635*562#") | | | |
| | | ltree_part1 | | | |
| 12 | | (TCV_Null:=OO_InitSS(TCV_UssdString)) | | | |
| 13 | | +ltree_MMConnection | | | |
| 14 | | L?DL_EstInCmsRq | CmsrReq_08 | | |
| 15 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 16 | | LIDL_DatRqCmsAcp | CmsrAcp_01(TCV_ch) | | |
| 17 | | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ProcessUSSDReq_01(TCV_UssdString)), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].processUnstructuredSSRequestComponents.processUnstructuredSSRequest_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityIErcv(ProcessUSSDReq_01 (TCV_UssdString)))) | (P) | Invoke ProcessUnstructuredUSS-Request |
| 18 | | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(ProcessUSSRequest_02(TCV_Invkld, TCV_PreviousOctets, TCV_FollowingOctets)))) | | Return result ProcessUnstructuredUSS-Data |
| 19 | | L?DL_DatInCmsRq | CmsrDatReq_08 | | |

| | | | |
|----|---|---|--|
| 20 | L!DL_DatRqCmsAcp | CmsAcq_01(TCV_ch) | |
| 21 | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ProcessUSSData_01(TCV_UssdString)), TCV_InvkId := OC_Asn1intToOct(TCV_Comp.[TCV_n].processUnstructuredSSRequestComponents.processUnstructuredSSRequest_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityErcv(ProcessUSSData_01(TCV_UssdString)))) | (P) Invoke ProcessUnstructuredUSS -Data |
| 22 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityEtsndiei(ProcessUSSData_02(TCV_InvkId, TCV_PreviousOctets, TCV_FollowingOctets)))) | Return result ProcessUnstructuredUSS -Data |
| 23 | +PostMainLinkRel(TCV_ch) | | |
| 24 | ltree_part2 (TCV_Null:=OO_InitSS(TCV_UssdString)) | | |
| 25 | +ltree_MMConnection | | |
| 26 | L?DL_EstInCmsRq | CmsReq_08 | |
| 27 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 28 | L!DL_DatRqCmsAcp | CmsAcq_01(TCV_ch) | |
| 29 | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ProcessUSSReq_01(TCV_UssdString)), TCV_InvkId := OC_Asn1intToOct(TCV_Comp.[TCV_n].processUnstructuredSSRequestComponents.processUnstructuredSSRequest_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityErcv(ProcessUSSReq_01(TCV_UssdString)))) | (P) Invoke ProcessUnstructuredUSS -Request |
| 30 | L!DL_DatRqRelCmp | RelCmpRq_37(TCV_ch, TCV_TI) | Facility rejected |
| 31 | +PostMainLinkRel(TCV_ch) | | |
| 32 | +ltree_MMConnection | | |
| 33 | L?DL_DatInCmsRq | CmsDatReq_08 | |
| 34 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 35 | L!DL_DatRqCmsAcp | CmsAcq_01(TCV_ch) | |
| 36 | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ProcessUSSData_01(TCV_UssdString)), TCV_InvkId := OC_Asn1intToOct(TCV_Comp.[TCV_n].processUnstructuredSSRequestComponents.processUnstructuredSSRequest_InvokeComp.invokeID, 1)) | Register_03(RegisterPdu_03(facilityErcv(ProcessUSSData_01(TCV_UssdString)))) | (P) Invoke ProcessUnstructuredUSS -Data |
| 37 | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, | Return result ProcessUnstructuredUSS -Data |

| | | | |
|----|---|--|---|
| 38 | +PostMainLinkRel(TCV_ch) | facility!Etsndiei(ProcessUSSData_02(TCV_Invkld, TCV_PreviousOctets, TCV_FollowingOctets)))) | |
| 39 | ltree_part3 REPEAT ltree_k_loop UNTIL [TCV_counter_k>10] | | |
| 40 | ltree_k_loop +ltreeSetLoopParameters | | |
| 41 | +ltree_MsOrigCall | | |
| 42 | (TCV_Null:=OO_InitSS(TCV_UssdString)) | | |
| 43 | L?DL_DatInCmsRq | CmsrDatReq_08 | |
| 44 | LIDL_DatRqCmsAcp | CmsrAcp_01(TCV_chTch) | |
| 45 | L?DL_DatInRegister (TCV_TI := DL_DatInRegister.msg.ti, TCV_TI0 := TCV_TI, TCV_TI0.ti_f := '1'B, TCV_Comp := DL_DatInRegister.msg.fie.components_1, TCV_n := OC_PosinSet(TCV_Comp, ProcessUSSDRReq_01(TCV_UssdString)), TCV_Invkld := OC_Asn1intToOct(TCV_Comp.[TCV_n].processUnstructuredSSRequestComponents.processUnstructuredSSRequest_InvokeComponent.invokeID, 1)) | Register_03(RegisterPdu_03(facility!Ercv(ProcessUSSDRReq_01 (TCV_UssdString)))) | (P) Invoke ProcessUnstructuredUSS-Request |
| 46 | +ltree_ReleaseCmpAccCounterK | | |
| 47 | LIDL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_tiest)) | |
| 48 | L?DL_DatInRel | ReleaseInd_02 | |
| 49 | LIDL_DatRqRelCmp | RelCmpRq_05(TCV_tiest, TCV_chTch) | |
| 50 | +PostMainLinkRel(TCV_chTch) | | |
| 51 | (TCV_counter_k:=TCV_counter_k+1) | | |
| 52 | ltree_ReleaseCmpAccCounterK [TCV_counter_k<5] | | |
| 53 | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_chTch, ReleaseCmp_09(TCV_TI, facility!Etsndiei(ProcessUSSRequest_02(TCV_Invkld, TCV_PreviousOctets, TCV_FollowingOctets)))) | Return error ProcessUnstructuredUSS-Request |
| 54 | [TCV_counter_k>4] | | |
| 55 | LIDL_DatRqRelCmp | RelCmpRq_10(TCV_chTch, ReleaseCmp_09(TCV_TI, facility!Etsndiei(ProcessUSSRequest_02(TCV_Invkld, TCV_PreviousOctets, TCV_FollowingOctets)))) | Reject ProcessUnstructuredUSS-Request |
| 56 | ltree_MMConnection L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | |
| 57 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 58 | LIDL_UdatRqImmAss | ImmAss_01Def(TCV_agch, TCV_Rr, | |

| | | | |
|----|--|--|--|
| | | TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| | Itree_MsOrigCall | | |
| 59 | +AttmpFullRateCall | | |
| 60 | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | |
| 61 | +Itree_MMConnection | | |
| 62 | L?DL_EstInCmsRq | CmsrReq_01 | |
| 63 | ACTIVATE(OtherEventsFail) | | Restore Normal default |
| 64 | L!DL_DatRqCmsAcp | CmsrAcp_01(TCV_c hTch) | |
| 65 | L?DL_DatInSetup (TCV_ti_orig := DL_DatInSetup.msg.ti, TCV_ti_dest := TCV_ti_orig, TCV_ti_dest.ti_f :='1'B, TCV_Setup_mo := DL_DatInSetup.msg, TCV_CallProc := OC_CallProcGen(TCV_Setup_mo,CallPr oced_03)) | SetupIn_01 | |
| 66 | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | |
| 67 | L!DL_DatRqAlert | Alert_01(TCV_ti_dest, TCV_chTch) | |
| 68 | L!DL_DatRqConn | Conn_01(TCV_ti_dest , TCV_chTch) | |
| 69 | L?DL_DatInConnAck | ConnAckRcv_01(TCV _ti_orig) | |
| | ItreeSetLoopParameters | | |
| 70 | [TCV_counter_k=1] | | |
| 71 | (TCV_PreviousOctets:='A3060201'O, TCV_FollowingOctets:='020122'O) | | RETURN ERR Error code system failure |
| 72 | [TCV_counter_k=2] | | |
| 73 | (TCV_PreviousOctets:='A3060201'O, TCV_FollowingOctets:='020123'O) | | RETURN ERR Error code data missing |
| 74 | [TCV_counter_k=3] | | |
| 75 | (TCV_PreviousOctets:='A3060201'O, TCV_FollowingOctets:='020147'O) | | RETURN ERR Error code unknown alphabet |
| 76 | [TCV_counter_k=4] | | |
| 77 | (TCV_PreviousOctets:='A3060201'O, TCV_FollowingOctets:='020124'O) | | RETURN ERR Error code unexpected data value |
| 78 | [TCV_counter_k=5] | | |
| 79 | (TCV_PreviousOctets:='A4060201'O, TCV_FollowingOctets:='800100'O) | | REJECT Gen. Problem unrecognized component |
| 80 | [TCV_counter_k=6] | | |
| 81 | (TCV_PreviousOctets:='A4060201'O, TCV_FollowingOctets:='800101'O) | | REJECT Gen. Problem Mistyped component |
| 82 | [TCV_counter_k=7] | | |
| 83 | (TCV_PreviousOctets:='A4060201'O, TCV_FollowingOctets:='800102'O) | | REJECT Gen. Problem badly structured component |
| 84 | [TCV_counter_k=8] | | |
| 85 | (TCV_PreviousOctets:='A4060201'O, TCV_FollowingOctets:='800102'O) | | REJECT Invoke Problem Mistyped parameter |
| 86 | [TCV_counter_k=9] | | |
| 87 | (TCV_PreviousOctets:='A4060201'O, TCV_FollowingOctets:='800103'O) | | REJECT Invoke Problem resource limitation |
| 88 | [TCV_counter_k=10] | | |
| 89 | (TCV_PreviousOctets:='A4060201'O, TCV_FollowingOctets:='800104'O) | | REJECT Invoke Problem initiating release |

Detailed Comments:

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Case Name: | | TC_31_9_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | <p>1) To verify that for a USSD request, the MS shall display the text provided and await user input. If the user enters a response, the MS shall acknowledge the operation by sending a FACILITY message containing an empty result component to the network</p> <p>2) To verify that the MS includes alphabet and language indicators in the response to the network. The alphabet indicator shall indicate "SMS default alphabet". The language indicator shall indicate "language unspecified".</p> <p>3) To check that the MS is able to process the operation during a call or out of a call.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_body | | | |
| | | ltree_preamble | | | |
| 4 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 5 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | (TCV_cellid:=C_CellA, TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts:= '000'B, TCV_asscmd_ts := TSPX_TmSltB, TCV_chdescr_arfcn := C_arfcnA, TCV_ts := TSPX_TmSltB) | | | |
| 7 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 8 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 9 | | (TCV_UssdString:="Transaction OK") | | | |
| | | ltree_body | | | |
| 10 | | +RRmtcallprepareNoAuthNoCiph(TimingAdv_01) | | | |
| 11 | | L!DL_DatRqRegister(TCV_TI.ti.v:='000'B, TCV_TI.ti.f:='0'B, TCV_TI0.ti.v:='000'B, TCV_TI0.ti.f:='1'B, TCV_Invkld:='00'O) | RegisterReq_01(TCV_ch, RegisterPdu_34(TCV_TI, facilityIEtsnd(NotificationSS_06(TCV_Invkld, TCV_UssdString)))) | | |
| 12 | | +CheckUssdStringDisplayed(TCV_UssdString) | | | |
| 13 | | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI0, facilityIErcv(NotificationSS_07(TCV_Invkld)))) | (P) | |
| 14 | | +CC_EstMsTermCall | | | |
| 15 | | L!DL_DatRqRelCmp | RelCmpRq_42(TCV_chTch, TCV_TI) | | |
| 16 | | L!DL_DatRqRegister(TCV_TI2.ti.v:='001'B, TCV_TI2.ti.f:='0'B, TCV_TI3.ti.v:='001'B, TCV_TI3.ti.f:='1'B, TCV_Invkld:='01'O) | RegisterReq_01(TCV_chTch, RegisterPdu_34(TCV_TI2, facilityIEtsnd(NotificationSS_06(TCV_Invkld, TCV_UssdString)))) | | |
| 17 | | +CheckUssdStringDisplayed(TCV_UssdString) | | | |
| 18 | | L?DL_DatInFac | Facility_03(| (P) | |

| | | | |
|---------------------------|--|------------------------|--------------------|
| | | | FacilityPdu_26_ci(|
| | | | TCV_TI3, |
| | | | facilitylErcv(|
| | | | NotificationSS_07(|
| | | | TCV_InvkId)))) |
| 19 | | LIDL_DatRqRelCmp | RelCmpRq_42(TCV_ |
| | | | chTch, TCV_TI2) |
| 20 | | LIDL_DatRqDisc | DiscSnd(TCV_chTch, |
| | | | Disconn_07(TI_02)) |
| 21 | | L?DL_DatInRel | ReleaseInd_02 |
| 22 | | LIDL_DatRqRelCmp | RelCmpRq_05(TI_02, |
| | | | TCV_chTch) |
| 23 | | +ChanRel_end(TCV_chTch | |
| | |) | |
| Detailed Comments: | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Case Name: | | TC_31_9_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | To verify that when the mobile station receives an USSD operation in parallel to any call independent supplementary transaction, it responds with a return error component in a RELEASE COMPLETE message, containing "USSD-Busy" error. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_body | | | |
| ltree_preamble | | | | | |
| 4 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 5 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | (TCV_cellid:=C_CellA, TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts := '000'B, TCV_asscmd_ts := TSPX_TmSltB, TCV_chdescr_arfcn := C_arfcnA, TCV_ts := TSPX_TmSltB) | | | |
| 7 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 8 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 9 | | (TCV_UssdString:="Transaction OK") | | | |
| ltree_body | | | | | |
| 10 | | +RRmtcallprepareNoAuthNoCiph(TimingAdv_01) | | | |
| 11 | | L!DL_DatRqRegister(TCV_TI.ti.v:='000'B, TCV_TI.ti.f:='0'B, TCV_TI0.ti.v:='000'B, TCV_TI0.ti.f:='1'B, TCV_Invkld0:='00'O) | RegisterReq_01(TCV_ch, RegisterPdu_34(TCV_TI, facilityIEtsnd(NotificationSS_06(TCV_Invkld0, TCV_UssdString)))) | | |
| 12 | | +CheckUssdStringDisplayed(TCV_UssdString) | | | |
| 13 | | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI0, facilityIErcv(NotificationSS_07(TCV_Invkld0)))) | (P) | |
| 14 | | L!DL_DatRqRegister(TCV_TI2.ti.v:='001'B, TCV_TI2.ti.f:='0'B, TCV_TI3.ti.v:='001'B, TCV_TI3.ti.f:='1'B, TCV_Invkld1:='01'O) | RegisterReq_01(TCV_ch, RegisterPdu_34(TCV_TI2, facilityIEtsnd(NotificationSS_06(TCV_Invkld1, TCV_UssdString)))) | | |
| 15 | | L?DL_DatInRelCmp | RelCmp_11(TCV_TI3, TCV_Invkld1) | (P) | |
| 16 | | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndie(NotificationSS_08(TCV_Invkld0)))) | | |
| 17 | | +ChanRel_end(TCV_ch) | | | |
| Detailed Comments: | | | | | |

Test Case Dynamic Behaviour

Test Case Name: TC_31_9_2_3

Group: GSM_L3_MS_v4170/SS/

Purpose:

- 1) To verify that for a USSD notification, the MS shall display the text provided and await user input. If the user enters a response, the MS shall return the response to the network, maintaining the transaction.
- 2) To verify that the MS includes alphabet and language indicators in the response to the network. The alphabet indicator shall indicate "SMS default alphabet". The language indicator shall indicate "language unspecified".
- 3) To check that the MS is able to process the operation during a call or out of a call.

Default: OtherEventsFail

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|---|--|-----|----------|
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_body | | | |
| | | ltree_preamble | | | |
| 4 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 5 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | (TCV_cellid:=C_CellA, TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_PgCh:= C_PCH_A_1, TCV_ia_ts := '000'B, TCV_asscmd_ts := TSPX_TmSltB, TCV_chdescr_arfcn := C_arfcnA, TCV_ts := TSPX_TmSltB) | | | |
| 7 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 8 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 9 | | (TCV_UssdString1:="Type *70*635*562# and send", TCV_UssdString2:="*70*635*562#") | | | |
| | | ltree_body | | | |
| 10 | | +RRmtcallprepareNoAuthNoCiph(TimingAdv_01) | | | |
| 11 | | L!DL_DatRqRegister(TCV_TI.ti.v:='000'B, TCV_TI.ti.f:='0'B, TCV_TI0.ti.v:='000'B, TCV_TI0.ti.f:='1'B, TCV_InvkId:='00'O) | RegisterReq_01(TCV_ch, RegisterPdu_34(TCV_TI, facilityEtsnd(USSDReq_03(TCV_InvkId, TCV_UssdString1)))) | | |
| 12 | | +CheckUssdStringDisplayed(TCV_UssdString1) | | | |
| 13 | | (TCV_Null:=OO_InitSS(TCV_UssdString2)) | | | |
| 14 | | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI0, facilityIErcv(USSDReq_04(TCV_InvkId, TCV_UssdString2)))) | (P) | |
| 15 | | +CC_EstMsTermCall | | | |
| 16 | | L!DL_DatRqRelCmp | RelCmpRq_42(TCV_chTch, TCV_TI) | | |
| 17 | | L!DL_DatRqRegister(TCV_TI2.ti.v:='001'B, TCV_TI2.ti.f:='0'B, TCV_TI3.ti.v:='001'B, TCV_TI3.ti.f:='1'B, TCV_InvkId:='01'O) | RegisterReq_01(TCV_chTch, RegisterPdu_34(TCV_TI2, facilityEtsnd(USSDReq_03(TCV_InvkId, | | |

| | | | | |
|---------------------------|--|--|---|-----|
| 18 | | +CheckUssdStringDisplayed(TCV_UssdString1) | TCV_UssdString1)))) | |
| 19 | | (TCV_Null:=OO_InitSS(TCV_UssdString2)) | | |
| 20 | | +DTMFSignalling(OC_LengthOfString(TCV_UssdString2), TI_01, TI_02, TCV_chTch) | | |
| 21 | | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI3, facilityIErcv(USSDReq_04(TCV_InvkId, TCV_UssdString2)))) | (P) |
| 22 | | LIDL_DatRqRelCmp | RelCmpRq_42(TCV_chTch, TCV_TI2) | |
| 23 | | LIDL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TI_02)) | |
| 24 | | L?DL_DatInRel | ReleaseInd_02 | |
| 25 | | LIDL_DatRqRelCmp | RelCmpRq_05(TI_02, TCV_chTch) | |
| 26 | | +ChanRel_end(TCV_chTch) | | |
| Detailed Comments: | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Case Name: | | TC_31_9_2_4 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | To verify that when the mobile station receives an USSD operation in parallel to any call independent supplementary transaction, it responds with a return error component in a RELEASE COMPLETE message, containing "USSD-Busy" error. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_body | | | |
| ltree_preamble | | | | | |
| 4 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 5 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 6 | | (TCV_cellid:=C_CellA, TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_PgCh := C_PCH_A_1, TCV_ja_ts := '000'B, TCV_asscmd_ts := TSPX_TmSltB, TCV_chdescr_arfcn := C_arfcnA, TCV_ts := TSPX_TmSltB) | | | |
| 7 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 8 | | +FullRateCh_A_1_nociph(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| 9 | | (TCV_UssdString1:="Type *70*635*562# and send", TCV_UssdString2:="*70*635*562#") | | | |
| ltree_body | | | | | |
| 10 | | +RRmtcallprepareNoAuthNoCiph(TimingAdv_01) | | | |
| 11 | | L!DL_DatRqRegister(TCV_TI.ti_v:='000'B, TCV_TI.ti_f:='0'B, TCV_TI0.ti_v:='000'B, TCV_TI0.ti_f:='1'B, TCV_Invkld0:='00'O) | RegisterReq_01(TCV_ch, RegisterPdu_34(TCV_TI, facilityIEtsnd(NotificationSS_06(TCV_Invkld0, TCV_UssdString1)))) | | |
| 12 | | +CheckUssdStringDisplayed(TCV_UssdString1) | | | |
| 13 | | (TCV_Null:=OO_InitSS(TCV_UssdString2)) | | | |
| 14 | | L?DL_DatInFac | Facility_03(FacilityPdu_26_ci(TCV_TI0, facilityIErcv(USSDReq_04(TCV_Invkld0, TCV_UssdString2)))) | (P) | |
| 15 | | L!DL_DatRqRegister(TCV_TI2.ti_v:='001'B, TCV_TI2.ti_f:='0'B, TCV_TI3.ti_v:='001'B, TCV_TI3.ti_f:='1'B, TCV_Invkld1:='01'O) | RegisterReq_01(TCV_ch, RegisterPdu_34(TCV_TI2, facilityIEtsnd(NotificationSS_06(TCV_Invkld1, TCV_UssdString1)))) | | |
| 16 | | L?DL_DatInRelCmp | RelCmp_12(TCV_TI3, TCV_Invkld1) | (P) | |
| 17 | | L!DL_DatRqRelCmp | RelCmpRq_10(TCV_ch, ReleaseCmp_09(TCV_TI, facilityIEtsndiei(USSDReq_06(TCV_Invkld0)))) | | |

| | | | | | |
|--------------------|--|----------------------|--|--|--|
| 18 | | +ChanRel_end(TCV_ch) | | | |
| Detailed Comments: | | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|-------------------------|
| Test Case Name: | | TC_31_10 | | | |
| Group: | | GSM_L3_MS_v4170/SS/ | | | |
| Purpose: | | To check that the entry of two digits in the form !X (X in the set 0..9) followed by SEND is accepted by the mobile station in idle mode as a normal call establishment for the 1X number. It is checked that the MS sends a CHANNEL REQUEST, sends CM SERVICE REQUEST message for mobile originated call (after having received an IMMEDIATE ASSIGNMENT), and then sends the SETUP message containing the 1X phone number as called number (after having received the CM SERVICE ACCEPT message) | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 3 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 4 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA)) | | | |
| 5 | | +PreEnterIdleState_03(C_Immass, TCV_slot, TCV_tsc, 5, 1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 6 | | +test("10") | | | |
| 7 | | +test("11") | | | |
| 8 | | +test("12") | | | |
| 9 | | +test("13") | | | |
| 10 | | +test("14") | | | |
| 11 | | +test("15") | | | |
| 12 | | +test("16") | | | |
| 13 | | +test("17") | | | |
| 14 | | +test("18") | | | |
| 15 | | +test("19") | | | |
| | | test(num:IA5String) | | | |
| 16 | | (TCV_Null := OO_InitSS(num)) | | | 2. |
| 17 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | | |
| 18 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 19 | | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 20 | | L?DL_EstInCmsRq | CmserReq_04 | | |
| 21 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 22 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | | |
| 23 | | L?DL_DatInSetup (TCV_TI := DL_DatInSetup.msg.ti, TCV_CalledNum := DL_DatInSetup.msg.cdpn, TCV_TI0 := TCV_TI, TCV_TI.ti_f := '1'B) | SetupIn_01 | | |
| 24 | | L!DL_DatRqRelCmp | RelCmpRq_05(TCV_TI, TCV_ch) | | |
| 25 | | +PostMainLinkRel(TCV_ch) | | | |
| 26 | | (TCV_Res := OC_CalledNumCHK(TCV_CalledNum.digits, num)) | | | 3. |
| 27 | | [TCV_Res] | | (P) | |
| 28 | | START T_dly(10000) | | | |
| 29 | | ?TIMEOUT T_dly | | | |
| 30 | | [NOT TCV_Res] | | (F) | |
| 31 | | START T_dly(10000) | | | |
| 32 | | ?TIMEOUT T_dly | | | |
| Detailed Comments: | | 1. To setup physical channel as BCCH, CCCH and SDCCH4. 2. To dial the two digits number. | | | |

3. To check whether the received called party number is the same as the dialled number.

Test Group SM

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|-----|----------|
| Test Case Name: | | TC_34_2_1 | | | |
| Group: | | GSM_L3_MS_v4170/SM/ | | | |
| Purpose: | | To verify the ability of a MS to receive and decode the SMS where provided for the point to point service. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_part1 | | 1 | |
| 4 | | +ltree_part2 | | 2 | |
| 5 | | +ltree_part3 | | 3 | |
| 6 | | +ltree_part4 | | 4 | |
| ltree_part1 | | | | | |
| 7 | | +ltree_PrepareEnvironmentPart1 | | | |
| 8 | | +ltree_sms1(TCV_ch) | | | |
| 9 | | +ChanRel(TCV_ch) | | | |
| 10 | | (TCV_Res := OO_CheckMessageDisplayed(160, TCV_SMcntns)) | | | |
| 11 | | [TCV_Res =FALSE] | | (F) | |
| 12 | | [TCV_Res =TRUE] | | (P) | |
| 13 | | +ltree_PrepareEnvironmentPart1 | | | |
| 14 | | +ltree_sms3(TCV_ch) | | | |
| 15 | | +ChanRel(TCV_ch) | | | |
| 16 | | (TCV_Res:=OO_CheckMessageDispl ayed(160, TCV_SMcntns)) | | | |
| 17 | | [TCV_Res =FALSE] | | (F) | |
| 18 | | [TCV_Res =TRUE] | | (P) | |
| 19 | | +ltree_PrepareEnvironmentPart1 | | | |
| 20 | | +ltree_sms4(TCV_ch, 5) | | | |
| 21 | | +ChanRel(TCV_ch) | | | |
| 22 | | (TCV_Res:=OO_CheckMes sageDisplayed(160, TCV_SMcntns)) | | | |
| 23 | | [TCV_Res =FALSE] | | (F) | |
| 24 | | [TCV_Res =TRUE] | | (P) | |
| 25 | | (TCV_Null:=OO_Empty MessageStorage()) | | | |
| ltree_part2 | | | | | |
| 26 | | +ltree_PrepareEnvironmentPart2 | | | |
| 27 | | +ltree_sms1(TCV_chTch) | | | |
| 28 | | +ChanRel(TCV_chTch) | | | |
| 29 | | (TCV_Res:=OO_CheckMessageDisplayed(160, TCV_SMcntns)) | | | |
| 30 | | [TCV_Res =FALSE] | | (F) | |
| 31 | | [TCV_Res =TRUE] | | (P) | |
| 32 | | (TCV_Null:=OO_EmptyMessageStorage()) | | | |
| 33 | | +ltree_PrepareEnvironmentPart2 | | | |
| 34 | | +ltree_sms3(TCV_chTch) | | | |
| 35 | | +ChanRel(TCV_chTch) | | | |
| 36 | | (TCV_Res:=OO_CheckMessageDis played(160, TCV_SMcntns)) | | | |
| 37 | | [TCV_Res =FALSE] | | (F) | |
| 38 | | [TCV_Res =TRUE] | | (P) | |
| 39 | | (TCV_Null:=OO_EmptyMessag eStorage()) | | | |
| 40 | | +ltree_PrepareEnvironmentP art2 | | | |
| 41 | | +ltree_sms4(TCV_chTch, 15) | | | |
| 42 | | +ChanRel(TCV_chTch) | | | |

| | | |
|----|---|-----|
| 43 | (TCV_Res:=OO_Check MessageDisplayed(160, TCV_SMcntns)) | |
| 44 | [TCV_Res =FALSE] | (F) |
| 45 | [TCV_Res =TRUE] | (P) |
| 46 | (TCV_Null:=OO_E mptyMessageStora ge()) | |
| | ltree_part3 | |
| 47 | +ltree_PrepareEnvironmentParts3_4 | |
| 48 | +ltree_ClearSpeechChannel_SS | |
| 49 | +ltree_sms1(TCV_chTch) | |
| 50 | +ChanRel(TCV_chTch) | |
| 51 | (TCV_Res:=OO_CheckMessageDisplayed(16 0, TCV_SMcntns)) | |
| 52 | [TCV_Res =FALSE] | (F) |
| 53 | [TCV_Res =TRUE] | (P) |
| 54 | (TCV_Null:=OO_EmptyMessageStorage()) | |
| | ltree_part4 | |
| 55 | +ltree_PrepareEnvironmentParts3_4 | |
| 56 | START T_dly(15000) | |
| 57 | +ltree_ClearSpeechChannel_MS | |
| 58 | ?TIMEOUT T_dly | |
| 59 | +ltree_sms1(TCV_chTch) | |
| 60 | +ChanRel(TCV_chTch) | |
| 61 | (TCV_Res:=OO_CheckMessageDisplaye d(160, TCV_SMcntns)) | |
| 62 | [TCV_Res =FALSE] | (F) |
| 63 | [TCV_Res =TRUE] | (P) |
| 64 | (TCV_Null:=OO_EmptyMessageStora ge()) | |
| | ltree_preamble | |
| 65 | (TCV_Null:=OO_EmptyMessageStorage()) | |
| 66 | +Varinit_fixcommon | |
| 67 | (TCV_cellid:=C_CellA, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, TCV_cellid), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, TCV_cellid), TCV_PgCh:= C_PCH_A_1, TCV_asscmd_ts := TSPX_TmSlitDef, TCV_RPOA_MT:='1111111111'O, TCV_TPOA1:='3333333333'O, TCV_Rpmr := '00'O, TCV_slot := C_S0, TCV_tsc := C_BCC) | |
| 68 | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | |
| 69 | [TSPC_PGSM OR TSPC_EGSM] | |
| 70 | (TCV_chdescr_arfcn := 20, TCV_tchcarrier:= TSPX_TCHcarrierA) | |
| 71 | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | |
| 72 | +FullRateCh_A_1(C_Ass, TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | |
| 73 | [TSPC_DCS] | |
| 74 | (TCV_chdescr_arfcn := 590, TCV_tchcarrier:= TSPX_TCHcarrierA) | |
| 75 | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | |
| 76 | +FullRateCh_A_1(C_Ass, | |

| | | | |
|-----|---|--|--|
| | TSPX_TmSlitDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | |
| | Itree_PrepareEnvironmentPart1 | | |
| 77 | +RRmtcallprepare(TimingAdv_01) | | |
| 78 | +Itree_set_sapi3_SDCCH | | |
| 79 | (TCV_CPDDataRetx:=0, TCV_ti_v_2:='000'B, TCV_chSms:=TCV_ch) | | |
| | Itree_PrepareEnvironmentPart2 | | |
| 80 | +EstMsTermFullRateCallNonFH(TimingAdv_01) | | |
| 81 | (TCV_CPDDataRetx:=0, TCV_ti_v_2:='000'B, TCV_chSms:=C_SACCHF_A_1) | | |
| 82 | +Itree_set_sapi3_SACCH | | |
| | Itree_PrepareEnvironmentParts3_4 | | |
| 83 | +EstMsTermFullRateCallNonFH(TimingAdv_01) | | |
| 84 | (TCV_CPDDataRetx:=0, TCV_ti_v_2:='000'B, TCV_chSms:=C_SACCHF_A_1) | | |
| 85 | +Itree_set_sapi3_SACCH | | |
| | Itree_set_sapi3_SDCCH | | |
| 86 | L!DL_EstRq | DLEstRq_01(TCV_ch) | SABM(SAPI=3) |
| 87 | L?DL_EstCo | DLEstCo_01(TCV_ch) | UA(SAPI=3) |
| | Itree_set_sapi3_SACCH | | |
| 88 | L!DL_EstRq | DLEstRq_02(TCV_ch Sms) | SABM(SAPI=3) |
| 89 | L?DL_EstCo | DLEstCo_02(TCV_ch Sms) | UA(SAPI=3) |
| | Itree_ClearSpeechChannel_SS | | |
| 90 | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TI_02)) | |
| 91 | L?DL_DatInRel | ReleaseInd_03(TI_01) | (P) |
| 92 | L!DL_DatRqRelCmp | RelCmpRq_05(TI_02, TCV_chTch) | |
| | Itree_ClearSpeechChannel_MS | | |
| 93 | L?DL_DatInRel | ReleaseInd_03(TI_01) | (P) |
| 94 | L!DL_DatRqRelCmp | RelCmpRq_05(TI_02, TCV_chTch) | |
| | Itree_sms1(ch: LOGICCH) | | |
| 95 | +Itree_sms2(ch) | | |
| 96 | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | CP-ACK n->ms |
| | Itree_sms2(ch: LOGICCH) | | |
| 97 | L!DL_DatRqCpData (TCV_SMcntns := DL_DatRqCpData.msg.CPdata.rpdata.rpusrdat.tpdeli ver.ud) | DatRqCpData(CpDataPdu_01(TCV_ti_v_2, CpData_01(TCV_TPOA1, TCV_RPOA_MT, TCV_Rpmr, C_Tzone0)), TCV_chSms) | CP-DATA including RP- Data(SMS DELIVER) n- >ms |
| 98 | START T_dly(25000) | | |
| 99 | ?TIMEOUT T_dly | | (F) |
| 100 | +ChanRel(ch) | | |

| | | | | |
|---|---|---|-----|---|
| 101 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | | CP-ACK ms->n |
| 102 | START T_dly(60000) | | | |
| 103 | ?TIMEOUT T_dly | | (F) | |
| 104 | +ChanRel(ch) | | | |
| 105 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | | CP-DATA including RP-Ack ms->n |
| | Itree_sms3(ch: LOGICCH) | | | |
| 106 | +Itree_sms2(ch) | | | |
| 107 | START T_dly(C_T_TwiceTC1M) | | | |
| 108 | ?TIMEOUT T_dly | | (F) | First CP-DATA(Rp-Ack) not acknowledged |
| 109 | +ChanRel(ch) | | | |
| 110 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | | CP-DATA(RP-Ack) retransmitted |
| 111 | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | Second CP-DATA(Rp-Ack) acknowledged |
| | Itree_sms4(ch: LOGICCH; time: INTEGER) | | | |
| 112 | +Itree_sms2(ch) | | | |
| 113 | REPEAT Itree_sms5(ch) UNTIL [TCV_CPDDataRetx=TSPX_MaxCPDataRetx] | | | CP-DATA(RP-Ack) retransmitted |
| 114 | START T_dly(((TSPX_TC1M + time) * 1000)) | | | |
| 115 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | (F) | RP-Ack shall not be sent more than TSPX_MaxCPDataRetx times |
| 116 | +ChanRel(ch) | | | |
| 117 | ?TIMEOUT T_dly | | (P) | |
| | Itree_sms5(ch: LOGICCH) | | | |
| 118 | START T_dly(C_T_TwiceTC1M) | | | |
| 119 | ?TIMEOUT T_dly | | (F) | |
| 120 | +ChanRel(ch) | | | |
| 121 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | | CP-DATA (RP-Ack) ms->n |
| 122 | (TCV_CPDDataRetx:=TCV_CPDDataRetx + 1) | | | |
| Detailed Comments: | | | | |
| 1: Parts a) to f) of the test procedure as described in GSM 11.10, 34.2.1 | | | | |
| 2: Parts g) to j) of the test procedure as described in GSM 11.10, 34.2.1 | | | | |
| 3: Part k) of the test procedure as described in GSM 11.10, 34.2.1 | | | | |
| 4: Part l) of the test procedure as described in GSM 11.10, 34.2.1 | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|--|
| Test Case Name: | | TC_34_2_2 | | | |
| Group: | | GSM_L3_MS_v4170/SM/ | | | |
| Purpose: | | To verify the MS ability to correctly send a short message where the SMS is provided for the point to point service. It also verifies the MS capability to simultaneously receive a network originated SM whilst sending a mobile originated SM. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_part1 | | | 1 |
| 4 | | +ltree_part2 | | | 2 |
| 5 | | +ltree_part3 | | | 3 |
| 6 | | +ltree_part4 | | | 4 |
| | | ltree_preamble | | | |
| 7 | | (TCV_Null:=OO_EmptyMessageStorage()) | | | |
| 8 | | +Varinit_fixcommon | | | |
| 9 | | (TCV_cellid:=C_CellA, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, TCV_cellid), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, TCV_cellid), TCV_PgCh:= C_PCH_A_1, TCV_asscmd_ts := TSPX_TmSltDef, TCV_RPOA_MT:='1111111111'O, TCV_TPOA1:='5555555555'O, TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 10 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 11 | | +GsmOrDcs | | | |
| 12 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 13 | | +FullRateCh_A_1(C_Ass, TSPX_TmSltDef, TSPX_TscDef, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, TimingAdv_01, '000'B, '001'B, '011'B) | | | |
| | | GsmOrDcs | | | |
| 14 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 15 | | (TCV_chdescr_arfcn := C_arfcnA, TCV_tchcarrier:= 30) | | | |
| 16 | | [TSPC_DCS] | | | |
| 17 | | (TCV_chdescr_arfcn := C_arfcnAd, TCV_tchcarrier:= 650) | | | |
| | | ltree_part1 | | | |
| 18 | | +ltree_PrepareEnvironmentParts1_3 | | | |
| 19 | | +ltree_sms1 | | | Initiate MO-SM |
| 20 | | +ltree_sms2(TCV_ch) | | | Terminate MO-SM |
| 21 | | +ChanRel(TCV_ch) | | | |
| 22 | | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 23 | | +ltree_PrepareEnvironmentParts1_3 | | | |
| 24 | | +ltree_sms1 | | | Initiate MO-SM |
| 25 | | REPEAT ltree_sms3(TCV_ch) UNTIL [TCV_CPDDataRetx =TSPX_MaxCPDataRetx] | | | MO-SM is retransmitted |
| 26 | | START T_dly(((TSPX_TC1M + 5) * 1000)) | | | |
| 27 | | L?DL_DatInCpData(TCV_Rpmr := DL_DatInCpData.msg.CPdata.rpdata a.rpmr, TCV_ti_v:=DL_DatInCpData.msg.ti. ti_v) | DatInCpData(CpDataPdu_03(CpData_03(RpData_03))) | (F) | RP-Data(RP Data SMS SUBMIT) shall NOT be sent more than TSPX_MaxCPDataRetx times |
| 28 | | +ChanRel(TCV_ch) | | | |
| 29 | | ?TIMEOUT T_dly | | | |

| | | | |
|----|---|---|--|
| 30 | +ChanRel(TCV_ch) | | |
| 31 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | |
| 32 | +ltree_PrepareEnvironmentParts1_3 | | |
| 33 | +ltree_sms1 | | Initiate MO-SM |
| 34 | +ltree_sms4 | | CP-Error |
| 35 | +ChanRel(TCV_ch) | | |
| 36 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | |
| | ltree_part2 | | |
| 37 | +ltree_PrepareEnvironmentPart2 | | |
| 38 | +ltree_sms1 | | Initiate MO-SM |
| 39 | +ltree_sms2(TCV_chTch) | | Terminate MO-SM |
| 40 | +ChanRel(TCV_chTch) | | |
| 41 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | |
| 42 | +ltree_PrepareEnvironmentPart2 | | |
| 43 | +ltree_sms1 | | Initiate MO-SM |
| 44 | REPEAT ltree_sms3(TCV_chTch) UNTIL [TCV_CPDataRetx = TSPX_MaxCPDataRetx] | | MO-SM is retransmitted |
| 45 | START T_dly(((TSPX_TC1M + 15) * 1000)) | | |
| 46 | L?DL_DatInCpData(TCV_Rpmr := DL_DatInCpData.msg.CPdata.rpdata.a.rpmr, TCV_ti_v := DL_DatInCpData.msg.ti.v) | DatInCpData(CpDataPdu_03(CpData_03(RpData_03))) | (F) RP-Data(RP Data SMS SUBMIT) shall NOT be sent more than TSPX_MaxCPDataRetx times |
| 47 | +ChanRel(TCV_chTch) | | |
| 48 | ?TIMEOUT T_dly | | |
| 49 | +ChanRel(TCV_chTch) | | |
| 50 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | |
| | ltree_part3 | | |
| 51 | +ltree_PrepareEnvironmentParts1_3 | | |
| 52 | +ltree_sms1 | | Initiate MO-SM |
| 53 | +ltree_sms5 | | MT-SM |
| 54 | +ltree_sms2(TCV_ch) | | Terminate MO-SM |
| 55 | +ChanRel(TCV_ch) | | |
| 56 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | |
| 57 | (TCV_Res:=OO_CheckMessageDisplaye d(160, TCV_SMcntns)) | | |
| 58 | [TCV_Res =FALSE] | | (F) |
| 59 | [TCV_Res =TRUE] | | (P) |
| | ltree_part4 | | |
| 60 | +ltree_PrepareEnvironmentPart4 | | |
| 61 | +ChanRel_end(TCV_ch) | | |
| | ltree_PrepareEnvironmentParts1_3 | | |
| 62 | (TCV_Null:=OO_SendMOShortMessage()) | | |
| 63 | L?DL_RaInChRq(TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | |
| 64 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 65 | LIDL_UdatRqlmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 66 | ACTIVATE(OtherEventsFail) | | Restore normal default |

| | | | |
|----|--|--|------------------------------------|
| 67 | L?DL_EstInCmsRq | CmsrReq_09 | tree |
| 68 | +Authentication(TCV_ch, TCV_cks) | | |
| 69 | +Cipherring_on(TCV_ch) | | |
| 70 | +ltree_set_sapi3_SDCCH | | |
| 71 | (TCV_CPDDataRetx:=0, TCV_chSms:=TCV_ch) | | |
| | ltree_PrepareEnvironmentPart2 | | |
| 72 | +EstMsTermFullRateCallNonFH(TimingAdv_01) | | |
| 73 | (TCV_Null:=OO_SendMOShortMessage()) | | |
| 74 | L?DL_DatInCmsRq | CmsrDatReq_09 | |
| 75 | L!DL_DatRqCmsAcp | CmsrAcp_01(TCV_c hTch) | |
| 76 | +ltree_set_sapi3_SACCH | | |
| 77 | (TCV_CPDDataRetx:=0, TCV_chSms:=C_SACCHF_A_1) | | |
| | ltree_PrepareEnvironmentPart4 | | |
| 78 | (TCV_Null:=OO_SendMOShortMessage()) | | |
| 79 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | |
| 80 | ACTIVATE(OtherEventsFail_02) | | To match ChReq retrans. |
| 81 | L!DL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | |
| 82 | L?DL_EstInCmsRq | CmsrReq_09 | |
| 83 | ACTIVATE(OtherEventsFail) | | Restore normal default tree |
| 84 | L!DL_DatRqCmsRej | CmsrRej_03(TCV_c h) | Service Option not supported |
| 85 | START T_dly(5000) | | |
| 86 | ?TIMEOUT T_dly | | |
| 87 | +ChanRel(TCV_ch) | | |
| 88 | +ltree_set_sapi3_SDCCH_inv | | SAPI-3 shall NOT be established |
| | ltree_sms1 | | |
| 89 | L?DL_DatInCpData(TCV_Rpmr := DL_DatInCpData.msg.CPdata.rpdata.rpmr, TCV_ti_v := DL_DatInCpData.msg.ti.v) | DatInCpData(CpDataPdu_03(CpData_03(RpData_03))) | CP-DATA(RP-Data SMS SUBMIT) |
| | ltree_sms2(ch: LOGICCH) | | |
| 90 | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_01(TCV_ti_v), TCV_chSms) | CP-ACK n->ms |
| 91 | L!DL_DatRqCpData | DatRqCpData(CpDataPdu_02(TCV_ti_v, CpData_04(TCV_Rpmr)), TCV_chSms) | CP-DATA(RP-Ack) n- >ms |
| 92 | START T_dly(25000) | | |
| 93 | ?TIMEOUT T_dly | | (F) |
| 94 | +ChanRel(ch) | | |
| 95 | L?DL_DatInCpDataAck | DatInCpDataAck(CpDataAckPdu_02(TCV_ti_v)) | (P) CP-ACK ms->n |
| 96 | CANCEL T_dly | | |
| | ltree_sms3(ch: LOGICCH) | | |
| 97 | START T_dly(C_T_TwiceTC1M) | | |
| 98 | ?TIMEOUT T_dly | | (F) |
| 99 | +ChanRel(ch) | | |

| | | | | |
|---|--|--|-----|-------------------------------------|
| 100 | +ltree_sms1 | | | |
| 101 | (TCV_CPDataRetx:=TCV_CPDataRetx + 1) | | | |
| 102 | CANCEL T_dly | | | |
| | ltree_sms4 | | | |
| 103 | L!DL_DatRqCpError | DatRqCpError_01(CpErrPdu_01(TCV_ti_v), TCV_chSms) | | CP error n->ms "Network Failure" |
| | ltree_sms5 | | | |
| 104 | +ltree_ti | | | |
| 105 | L!DL_DatRqCpData (TCV_SMcmts := DL_DatRqCpData.msg.CPdata.rpdata.rpusrdat.tpde liver.ud) START T_dly(25000) | DatRqCpData(CpDataPdu_01(TCV_ti_v_2, CpData_01(TCV_TPOA1, TCV_RPOA_MT, TCV_Rpmr, C_Tzone1)), TCV_chSms) | | CP-DATA(RP-Data SMS DELIVER), n->ms |
| 106 | ?TIMEOUT T_dly | | (F) | |
| 107 | +ChanRel(TCV_ch) | | | |
| 108 | L?DL_DatInCpDataAck START T_dly(60000) | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | (P) | CP-ACK ms->n |
| 109 | ?TIMEOUT T_dly | | (F) | |
| 110 | +ChanRel(TCV_ch) | | | |
| 111 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | (P) | CP-DATA(RP-Ack) n->ms |
| 112 | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | |
| | ltree_set_sapi3_SDCCH | | | |
| 113 | L?DL_EstIn | DLEstInd_02 | | |
| | ltree_set_sapi3_SDCCH_inv | | | |
| 114 | L?DL_EstIn | DLEstInd_02 | (F) | SAPI-3 shall NOT be established |
| 115 | +ChanRel(TCV_ch) | | | |
| | ltree_set_sapi3_SACCH | | | |
| 116 | L?DL_EstIn | DLEstInd_02 | | |
| | ltree_ti | | | |
| 117 | [TCV_ti_v='000'B] | | | |
| 118 | (TCV_ti_v_2:='001'B) | | | |
| 119 | [NOT(TCV_ti_v='000'B)] | | | |
| 120 | (TCV_ti_v_2:='000'B) | | | |
| Detailed Comments: | | | | |
| 1: Parts a) to f) of the test procedure as described in GSM 11.10, 34.2.2.3 | | | | |
| 2: Parts g) to i) of the test procedure as described in GSM 11.10, 34.2.2.3 | | | | |
| 3: Part j) of the test procedure as described in GSM 11.10, 34.2.2.3 | | | | |
| 4: Part k) of the test procedure as described in GSM 11.10, 34.2.2.3 | | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Case Name: | | TC_34_2_3 | | | |
| Group: | | GSM_L3_MS_v4170/SM/ | | | |
| Purpose: | | <p>1. To verify that the MS sends the correct acknowledgement when its memory in the SIM becomes full.</p> <p>2. To verify that the MS sends the correct acknowledgement when its memory in the ME and the SIM becomes full, and sets the "memory exceeded" notification flag in the SIM.</p> <p>3. To verify that the MS performs the "memory available" procedure when its message store becomes available for receiving short messages, and only at this moment.</p> | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_part1 | | | 1 |
| 4 | | +ltree_part2 | | | 2 |
| 5 | | +ltree_part3 | | | 3 |
| 6 | | +ltree_part4 | | | 4 |
| | | ltree_preamble | | | |
| 7 | | (TCV_Null:=OO_EmptyMessageStorage()) | | | |
| 8 | | (TCV_Null:=OO_MSSetupStoreClass1SMInMEMemory()) | | | |
| 9 | | (TCV_Null:=OO_ConnectSIMSimulator()) | | | |
| 10 | | +Varinit_fixcommon | | | |
| 11 | | (TCV_cellid:=C_CellA, TCV_ch:=OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, TCV_cellid), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, TCV_cellid), TCV_PgCh:= C_PCH_A_1, TCV_RPOA_MT:= '1111111111'O, TCV_TPOA1:= '3333333333'O, TCV_Rpmr:= '00'O, TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 12 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 13 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 14 | | (TCV_chdescr_arfcn := 20) | | | |
| 15 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 16 | | [TSPC_DCS] | | | |
| 17 | | (TCV_chdescr_arfcn := 590) | | | |
| 18 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| | | ltree_part1 | | | |
| 19 | | (TCV_ProtErrorUnspec:=FALSE, TCV_MemCapExcd:=FALSE) | | | |
| 20 | | REPEAT ltree_sms1 UNTIL [(TCV_ProtErrorUnspec) OR(TCV_MemCapExcd)] | | | |
| | | ltree_part2 | | | |
| 21 | | (TCV_MemCapExcd:=FALSE) | | | |
| 22 | | REPEAT ltree_sms2 UNTIL [TCV_MemCapExcd] | | | |
| | | ltree_part3 | | | |
| 23 | | +ltree_sms3 | | | |
| | | ltree_part4 | | | |
| 24 | | +ltree_sms4 | | | |
| | | ltree_PrepareEnvironmentParts1_2_3 | | | |
| 25 | | +RRmtcallprepare(TimingAdv_01) | | | |

| | | | | |
|----|--|--|-----|---|
| 26 | +ltree_set_sapi3_SDCCH_MT | | | |
| 27 | (TCV_ti_v_2:=000'B, TCV_chSms:=TCV_ch) | | | |
| | ltree_PrepareEnvironmentPart4 | | | |
| 28 | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq, msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 29 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 30 | LIDL_UdatRqImmss | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 31 | L?DL_EstInCmsRq | CmserReq_09 | | |
| 32 | ACTIVATE(OtherEventsFail) | | | Restore normal default tree |
| 33 | +Authentication(TCV_ch, TCV_cks) | | | |
| 34 | +Cipherring_on(TCV_ch) | | | |
| 35 | +ltree_set_sapi3_SDCCH_MO | | | |
| 36 | (TCV_chSms:=TCV_ch) | | | |
| | ltree_sms1 | | | |
| 37 | +ltree_PrepareEnvironmentParts1_2_3 | | | |
| 38 | LIDL_DatRqCpData | DatRqCpData(CpDataPdu_01(TCV_ti_v_2, CpData_05(TCV_TPOA1, TCV_RPOA_MT, TCV_Rpmr, C_Tzone2)), TCV_chSms) | | CP-DATA(RP-Data SMS DELIVER), n->ms class 2 MT-SM |
| 39 | START T_dly(25000) | | | |
| 40 | ?TIMEOUT T_dly | | (F) | |
| 41 | +ChanRel(TCV_ch) | | | |
| 42 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | (P) | CP-ACK ms->n |
| 43 | START T_dly(60000) | | | |
| 44 | ?TIMEOUT T_dly | | (F) | |
| 45 | +ChanRel(TCV_ch) | | | |
| 46 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | (P) | CP-DATA(RP-Ack) ms->n |
| 47 | LIDL_DatRqCpDataAck CANCEL T_dly | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | CP-ACK n->ms |
| 48 | +ChanRel(TCV_ch) | | | |
| 49 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 50 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_07(TCV_Rpmr))) | (P) | CP-DATA(RP-Error: Protocol Error, unspecified) |
| 51 | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | CP-ACK n->ms |
| 52 | (TCV_ProtErrorUnspec:=TRUE) | | | |
| 53 | +ChanRel(TCV_ch) | | | |
| 54 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 55 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_08(TCV_Rpmr))) | (P) | CP-DATA(RP-Error: Memory Capacity Exceeded) |
| 56 | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | SMS storage in SIM full |
| | | | | CP-ACK n->ms |

| | | | | |
|-------------------|---|--|-----|--|
| 57 | (TCV_MemCapExcd:=TRUE) | CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | SMS storage in ME + SIM full |
| 58 | +ChanRel(TCV_ch) | | | |
| 59 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 60 | (TCV_Res:=OO_CheckMCEFO SIM()) | | | |
| 61 | [TCV_Res =FALSE] | | (F) | |
| 62 | [TCV_Res =TRUE] | | (P) | |
| Itree_sms2 | | | | |
| 63 | +Itree_PrepareEnvironmentParts1_2_3 | | | |
| 64 | L!DL_DatRqCpData | DatRqCpData(CpDataPdu_01(TCV_ti_v_2, CpData_06(TCV_TPOA1, TCV_RPOA_MT, TCV_Rpmr, C_Tzone2)), TCV_chSms) | | CP-DATA(RP-Data SMS DELIVER), n->ms, class 1 MT-SM |
| 65 | START T_dly(25000) | | | |
| 66 | ?TIMEOUT T_dly | | (F) | |
| 67 | +ChanRel(TCV_ch) | | | |
| 68 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | | CP-ACK ms->n |
| 69 | START T_dly(60000) | | | |
| 70 | ?TIMEOUT T_dly | | (F) | |
| 71 | +ChanRel(TCV_ch) | | | |
| 72 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | | CP-DATA(RP-Ack) ms->n |
| 73 | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | CP-ACK n->ms |
| 74 | +ChanRel(TCV_ch) | | | |
| 75 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 76 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_08(TCV_Rpmr))) | | CP-DATA(RP-Error: Memory Capacity Exceeded) |
| 77 | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | CP-ACK n->ms |
| 78 | (TCV_MemCapExcd:=TRUE) | | | SMS storage in ME + SIM full |
| 79 | +ChanRel(TCV_ch) | | | |
| 80 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 81 | (TCV_Res:=OO_CheckMCEFO SIM()) | | | |
| 82 | [TCV_Res =FALSE] | | (F) | |
| 83 | [TCV_Res =TRUE] | | (P) | |
| Itree_sms3 | | | | |
| 84 | +Itree_PrepareEnvironmentParts1_2_3 | | | |
| 85 | L!DL_DatRqCpData | DatRqCpData(CpDataPdu_01(TCV_ti_v_2, CpData_01(TCV_TPOA1, | | CP-DATA(RP-Data SMS DELIVER) TP-DCS is 0 |

| | | | | |
|-----|---|---|-----|---|
| 86 | START T_dly(25000) | TCV_RPOA_MT, TCV_Rpmr, C_Tzone2)), TCV_chSms) | | |
| 87 | ?TIMEOUT T_dly | | (F) | |
| 88 | +ChanRel(TCV_ch) | | | |
| 89 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | | CP-ACK ms->n |
| 90 | START T_dly(60000) | | | |
| 91 | ?TIMEOUT T_dly | | (F) | |
| 92 | +ChanRel(TCV_ch) | | | |
| 93 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_08(TCV_Rpmr))) | | CP-DATA(RP-Error: Memory Capacity Exceeded) |
| 94 | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | CP-ACK n->ms |
| 95 | +ChanRel(TCV_ch) | | | |
| 96 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 97 | (TCV_Null:=OO_RemoveOneSM()) | | | |
| | ltree_sms4 | | | |
| 98 | +ltree_PrepareEnvironmentPart4 | | | |
| 99 | L?DL_DatInCpData(TCV_Rpmr := DL_DatInCpData.msg.CPdata.rpdata.rpmr, TCV_ti_v:=DL_DatInCpData.msg.ti.ti_v) | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_09)) | | CP-DATA(RP-SMMA), ms->n |
| 100 | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_01(TCV_ti_v), TCV_chSms) | | CP-ACK n->ms |
| 101 | LIDL_DatRqCpData | DatRqCpData(CpDataPdu_02(TCV_ti_v, CpData_04(TCV_Rpmr)), TCV_chSms) | | CP-DATA(RP-Ack) n->ms |
| 102 | START T_dly(25000) | | | |
| 103 | ?TIMEOUT T_dly | | (F) | |
| 104 | +ChanRel(TCV_ch) | | | |
| 105 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_02(TCV_ti_v)) | | CP-ACK ms->n |
| 106 | +ChanRel(TCV_ch) | | | |
| 107 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 108 | (TCV_Res:=OO_CheckMCEFOOnSIM Unset()) | | | |
| 109 | [TCV_Res =FALSE] | | (F) | |
| 110 | [TCV_Res =TRUE] | | (P) | |
| 111 | (TCV_Null:=OO_RemoveOneSM()) | | | |
| 112 | START T_dly(60000) | | | |
| 113 | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) CANCEL T_dly | ChReq_04 | (F) | The MS shall not attempt to send RP-SSMA |
| 114 | +ChanRel(TCV_ch) | | | |
| 115 | ?TIMEOUT T_dly | | (P) | |
| | ltree_set_sapi3_SDCCH_MT | | | |
| 116 | L!DL_EstRq | DLEstRq_01(TCV_ch) | | |
| 117 | L?DL_EstCo | DLEstCo_01(TCV_ch | | |

| | | | | | |
|---------------------------|--|---|---|--|--|
| 118 | | ltree_set_sapi3_SDCCH_MO L?DL_EstIn |) | | |
| Detailed Comments: | | 1: Part a) of the test procedure as described in GSM 11.10, 34.2.3.3 2: Parts b) to c) of the test procedure as described in GSM 11.10, 34.2.3.3 3: Parts d) to e) of the test procedure as described in GSM 11.10, 34.2.3.3 4: Parts f) to k) of the test procedure as described in GSM 11.10, 34.2.3.3 | | | |

| Test Case Dynamic Behaviour | | | | | |
|---|-------|--|--|---|---|
| Test Case Name: | | TC_34_2_4 | | | |
| Group: | | GSM_L3_MS_v4170/SM/ | | | |
| Purpose: | | 1) To verify that the MS is able to accept a SMS-STATUS-REPORT TPDU. 2) To verify that a MS able to use the SMS-COMMAND functionality correctly sends a SMS-COMMAND TPDU with the correct TP-Message-Reference. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | START T_guard(300) | | | |
| 3 | | +ltree_preamble | | | |
| 4 | body | +ltree_part1 | | 1 | |
| 5 | | +ltree_part2 | | 2 | |
| 6 | | +ltree_part3 | | 3 | |
| 7 | | +ltree_part4 | | 4 | |
| ltree_preamble | | | | | |
| 8 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 9 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 10 | | +IdleState_cellA(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 11 | | (TCV_RPOA_MT := '1111111111'O, TCV_TPDA := '5555555555'O) | | | |
| ltree_part1 | | | | | |
| 12 | | (TCV_Null := OO_SendMOShortMessage()) | | | |
| 13 | | +ltree_PrepareEnvironmentParts1_3_4 | | | |
| 14 | | +ltree_sms1 | | | Initiate MO-SM, status report requested |
| 15 | | +ltree_sms2 | | | Terminate MO-SM |
| ltree_part2 | | | | | |
| 16 | | +ltree_PrepareEnvironmentPart2 | | | |
| 17 | | +ltree_sms3 | | | MT-SM (SMS Status Report) |
| ltree_part3 | | | | | |
| 18 | | (TCV_Null := OO_SendSMSCOMMANDEng()) | | | |
| 19 | | +ltree_PrepareEnvironmentParts1_3_4 | | | |
| 20 | | +ltree_sms4 | | | Initiate MO-SM (SMS COMMAND, enquiry) |
| 21 | | +ltree_sms2 | | | Terminate MO-SM |
| ltree_part4 | | | | | |
| 22 | | (TCV_Null := OO_SendSMSCOMMANDDel()) | | | |
| 23 | | +ltree_PrepareEnvironmentParts1_3_4 | | | |
| 24 | | +ltree_sms5 | | | Initiate MO-SM (SMS COMMAND, deletion) |
| 25 | | +ltree_sms2 | | | Terminate MO-SM |
| ltree_PrepareEnvironmentParts1_3_4 | | | | | |
| 26 | | (TCV_chSms := TCV_ch) | | | |
| 27 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 28 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 29 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 30 | | L?DL_EstInCmsRq | CmsrReq_09 | | |

| | | | |
|----|---|--|-----------------------------|
| 31 | ACTIVATE(OtherEventsFail) | | Restore normal default tree |
| 32 | +Authentication(TCV_ch, TCV_cksn) | | |
| 33 | +Cipherring_on(TCV_ch) | | |
| 34 | +ltree_set_sapi3_SDCCH_MO | | |
| | ltree_PrepareEnvironmentPart2 | | |
| 35 | +RRmtcallprepare(TimingAdv_01) | | |
| 36 | +ltree_set_sapi3_SDCCH_MT | | |
| 37 | (TCV_ti_v_2 := '000'B, TCV_chSms := TCV_ch) | | |
| | ltree_sms1 | | |
| 38 | L?DL_DatInCpData(TCV_Rpmr := DL_DatInCpData.msg.CPdata.rpdata.rpmr, TCV_Tpmr := DL_DatInCpData.msg.CPdata.rpdata.rpusrdat.tpsub mit.mr, TCV_ti_v := DL_DatInCpData.msg.ti.v) | DatInCpData(CpDataPdu_03(CpData_03(RpData_08))) | RP-Data |
| | ltree_sms2 | | |
| 39 | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_01(TCV_ti_v), TCV_chSms) | |
| 40 | L!DL_DatRqCpData | DatRqCpData(CpDataPdu_02(TCV_ti_v, CpData_04(TCV_Rpmr)), TCV_chSms) | RP-Ack |
| 41 | START T_dly(25000) | | |
| 42 | ?TIMEOUT T_dly | | (F) |
| 43 | +ChanRel(TCV_ch) | | |
| 44 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_02(TCV_ti_v)) | |
| 45 | +ChanRel_P(TCV_ch) | | |
| 46 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | |
| | ltree_sms3 | | |
| 47 | +ltree_PrepareEnvironmentPart2 | | |
| 48 | L!DL_DatRqCpData | DatRqCpData(CpDataPdu_01(TCV_ti_v_2, CpData_12(TCV_TPDA, TCV_RPOA_MT, TCV_Tpmr, TCV_Rpmr, C_Tzone3)), TCV_chSms) | RP-Data status report |
| 49 | START T_dly(25000) | | |
| 50 | ?TIMEOUT T_dly | | (F) |
| 51 | +ChanRel(TCV_ch) | | |
| 52 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | |
| 53 | START T_dly(60000) | | |
| 54 | ?TIMEOUT T_dly | | (F) |
| 55 | +ChanRel(TCV_ch) | | |
| 56 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | RP-Ack |
| 57 | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | |
| 58 | +ChanRel(TCV_ch) | | |

| | | | |
|---------------------------|---|---|-----------------------------------|
| 59 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | |
| 60 | Itree_sms4 L?DL_DatInCpData(TCV_Rpmr := DL_DatInCpData.msg.CPdata.rpdata.rpmr, TCV_Tpmr := DL_DatInCpData.msg.CPdata.rpdata.rpusrdat.tpcom mand.mr, TCV_ti_v:=DL_DatInCpData.msg.ti.ti_v) | DatInCpData(CpDataPdu_03(CpData_03(RpData_11(TCV_Rpmr, TpCommand_01(TCV_Tpmr)))))) | RP-Data, SMS COMMAND, enquiry |
| 61 | Itree_sms5 L?DL_DatInCpData(TCV_Rpmr := DL_DatInCpData.msg.CPdata.rpdata.rpmr, TCV_ti_v := DL_DatInCpData.msg.ti.ti_v) | DatInCpData(CpDataPdu_03(CpData_03(RpData_11(TCV_Rpmr, TpCommand_02(TCV_Tpmr)))))) | RP-Data, SMS COMMAND, deletion |
| 62 | Itree_set_sapi3_SDCCH_MO L?DL_EstIn | DLEstInd_02 | |
| 63 | Itree_set_sapi3_SDCCH_MT L!DL_EstRq | DLEstRq_01(TCV_ch) | |
| 64 | L?DL_EstCo | DLEstCo_01(TCV_ch) | |
| Detailed Comments: | | | |

| Test Case Dynamic Behaviour | | | | | |
|---|-------|--|---|-----|-----------------------------------|
| Test Case Name: | | TC_34_2_5_1 | | | |
| Group: | | GSM_L3_MS_v4170/SM/ | | | |
| Purpose: | | To verify that the MS will accept and display but not store a class 0 message, and that it will accept and display a class 0 message if its message store is full. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_part1 | | 1 | |
| 4 | | +ltree_part2 | | 2 | |
| 5 | | +ltree_part3 | | 3 | |
| ltree_preamble | | | | | |
| 6 | | (TCV_Null:=OO_EmptyMessageStorage()) | | | |
| 7 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 8 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 9 | | +IdleState_cellA(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 10 | | (TCV_RPOA_MT:='1111111111'O, TCV_TPOA1:='3333333333'O, TCV_Rpmr:='00'O) | | | |
| ltree_PrepereEnvironmentParts1_2_3 | | | | | |
| 11 | | +RRmtcallprepare(TimingAdv_01) | | | |
| 12 | | +ltree_set_sapi3_SDCCH_MT | | | |
| 13 | | (TCV_ti_v_2:='000'B, TCV_chSms:=TCV_ch) | | | |
| ltree_part1 | | | | | |
| 14 | | +ltree_sms1 | | | |
| 15 | | (TCV_Res:=OO_RecallAndDisplaySM(160,TCV_S Mcntns)) | | | |
| 16 | | [TCV_Res =TRUE] | | (F) | Message store should be empty |
| 17 | | [TCV_Res =FALSE] | | (P) | |
| ltree_part2 | | | | | |
| 18 | | (TCV_MemCapExcd:=FALSE) | | | |
| 19 | | REPEAT ltree_sms2 UNTIL [TCV_MemCapExcd] | | | |
| ltree_part3 | | | | | |
| 20 | | +ltree_sms1 | | | |
| ltree_sms1 | | | | | |
| 21 | | +ltree_PrepereEnvironmentParts1_2_3 | | | |
| 22 | | L!DL_DatRqCpData (TCV_SMcntns := DL_DatRqCpData.msg.CPdata.rpdata.rpusrdat.tpdeliver.ud) | DatRqCpData(CpDataPdu_01(TCV_ti_v_2, CpData_10(TCV_TPOA1, TCV_RPOA_MT, TCV_Rpmr, C_Tzone4)), TCV_chSms) | | RP-Data Initiate class 0 MT-SM |
| 23 | | START T_dly(25000) | | | |
| 24 | | ?TIMEOUT T_dly | | (F) | |
| 25 | | +ChanRel(TCV_chTch) | | | |
| 26 | | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | | |
| 27 | | START T_dly(60000) | | | |
| 28 | | ?TIMEOUT T_dly | | (F) | |
| 29 | | +ChanRel(TCV_chTch) | | | |
| 30 | | L?DL_DatInCpData CANCEL T_dly | DatInCpData(| | RP-Ack |

| | | | |
|---------------------------|--|--|---|
| 31 | L!DL_DatRqCpDataAck | CpDataPdu_02(TCV_ti_v_2,CpData_02(TCV_Rpmr))) DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | |
| 32 | +ChanRel(TCV_ch) | | |
| 33 | (TCV_Res := OO_CheckMessageDisplayed(160, TCV_SMcntns)) | | |
| 34 | [TCV_Res =FALSE] | | (F) |
| 35 | [TCV_Res =TRUE] | | (P) |
| | Itree_sms2 | | |
| 36 | +Itree_PrepareEnvironmentParts1_2_3 | | |
| 37 | L!DL_DatRqCpData | DatRqCpData(CpDataPdu_01(TCV_ti_v_2, CpData_06(TCV_RPOA_MT, TCV_TPOA1, TCV_Rpmr, C_Tzone4)), TCV_chSms) | RP-Data Initiate class 1 MT-SM |
| 38 | START T_dly(25000) | | |
| 39 | ?TIMEOUT T_dly | | (F) |
| 40 | +ChanRel(TCV_chTch) | | |
| 41 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | |
| 42 | START T_dly(60000) | | |
| 43 | ?TIMEOUT T_dly | | (F) |
| 44 | +ChanRel(TCV_chTch) | | |
| 45 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | RP-Ack |
| 46 | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | |
| 47 | +ChanRel(TCV_ch) | | |
| 48 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_08(TCV_Rpmr))) | RP-Error: Memory Capacity Exc. |
| 49 | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | |
| 50 | (TCV_MemCapExcd:=TRUE) | | |
| 51 | +ChanRel(TCV_ch) | | No check if MCEF is set on the SIM, since not the test purpose. |
| | Itree_set_sapi3_SDCCH_MT | | |
| 52 | L!DL_EstRq | DLEstRq_01(TCV_ch) | |
| 53 | L?DL_EstCo | DLEstCo_01(TCV_ch) | |
| Detailed Comments: | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|-----------------------------------|
| Test Case Name: | | TC_34_2_5_2 | | | |
| Group: | | GSM_L3_MS_v4170/SM/ | | | |
| Purpose: | | To verify that the MS acts correctly on receiving a class 1 message, i.e. that it stores the message in the ME or SIM and sends an acknowledgement (at RP and CP-Layer). | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_part1 | | 1 | |
| | | ltree_preamble | | | |
| 4 | | (TCV_Null:=OO_EmptyMessageStorage()) | | | |
| 5 | | (TCV_Null:=OO_MSSetupStoreClass1SMInMEMemory()) | | | |
| 6 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 7 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 8 | | +IdleState_cellA(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 9 | | (TCV_RPOA_MT:='111111111'O, TCV_TPOA1:= '333333333'O, TCV_Rpmr:='00'O) | | | |
| | | ltree_part1 | | | |
| 10 | | +ltree_PrepareEnvironmentPart1 | | | |
| 11 | | +ltree_sms1 | | | |
| | | ltree_PrepareEnvironmentPart1 | | | |
| 12 | | +RRmtcallprepare(TimingAdv_01) | | | |
| 13 | | +ltree_set_sapi3_SDCCH_MT | | | |
| 14 | | (TCV_ti_v_2:='000'B, TCV_chSms:=TCV_ch) | | | |
| | | ltree_sms1 | | | |
| 15 | | L!DL_DatRqCpData (TCV_SMcntns := DL_DatRqCpData.msg.CPdata.rpdata.rpusrdat.tpdeliver.ud) | DatRqCpData(CpDataPdu_01(TCV_ti_v_2, CpData_06(TCV_RPOA_MT, TCV_TPOA1, TCV_Rpmr, C_Tzone5)), TCV_chSms) | | RP-Data Initiate class 1 MT-SM |
| 16 | | START T_dly(25000) | | | |
| 17 | | ?TIMEOUT T_dly | | (F) | |
| 18 | | +ChanRel(TCV_chTch) | | | |
| 19 | | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | (P) | |
| 20 | | START T_dly(60000) | | | |
| 21 | | ?TIMEOUT T_dly | | (F) | |
| 22 | | +ChanRel(TCV_chTch) | | | |
| 23 | | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | (P) | RP-Ack |
| 24 | | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2, TCV_chSms)) | | |
| 25 | | +ChanRel(TCV_ch) | | | |
| 26 | | (TCV_Res := OO_RecallAndDisplaySM(160, TCV_SMcntns)) | | | |
| 27 | | [TCV_Res =FALSE] | | (F) | |

| | | | | |
|---------------------------|---|------------------------|-----|--|
| 28 | [TCV_Res =TRUE] | | (P) | |
| 29 | ltree_set_sapi3_SDCCH_MT L!DL_EstRq | DLEstRq_01(TCV_ch) | | |
| 30 | L?DL_EstCo | DLEstCo_01(TCV_ch) | | |
| Detailed Comments: | | | | |

| Test Case Dynamic Behaviour | | | | | |
|--------------------------------------|-------|--|--|---|---|
| Test Case Name: | | TC_34_2_5_3 | | | |
| Group: | | GSM_L3_MS_v4170/SM/ | | | |
| Purpose: | | To verify that the MS acts correctly on receiving a class 2 message, i.e. that it stores the message correctly in the SIM, and if this is not possible, returns a protocol error message, with the correct error cause, to the network. There are 2 cases. (1) If the MS supports storing of short messages in the SIM and in the ME, and storage in the ME is not full, and the short message cannot be stored in the SIM, the error cause shall be "protocol error, unspecified". (2) If the MS supports storing of short message in the SIM and not in the ME and short message cannot be stored in the SIM, the error cause shall be "memory capacity exceeded". | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_part1 | | 1 | |
| ltree_preamble | | | | | |
| 4 | | (TCV_Null:=OO_EmptyMessageStorage()) | | | |
| 5 | | (TCV_Null:=OO_MSSetupStoreClass1SMInMEMemory()) | | | |
| 6 | | (TCV_Null:=OO_ConnectSIMSimulator()) | | | |
| 7 | | +Varinit_fixcommon | | | |
| 8 | | (TCV_cellid:=C_CellA, TCV_chdescr_arfcn:=C_arfcnA, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, TCV_cellid), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, TCV_cellid), TCV_PgCh:= C_PCH_A_1, TCV_RPOA_MT := '1111111111'O, TCV_TPOA1:= '3333333333'O, TCV_Rpmr:= '00'O, TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 9 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 10 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 11 | | (TCV_chdescr_arfcn := 20) | | | |
| 12 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 13 | | [TSPC_DCS] | | | |
| 14 | | (TCV_chdescr_arfcn := 590) | | | |
| 15 | | +PreEnterIdleState_Comb01(C_Immass, TCV_slot, TCV_tsc, 5,1, 0, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| ltree_part1 | | | | | |
| 16 | | +ltree_PrepareEnvironmentPart1 | | | |
| 17 | | +ltree_sms1 | | | |
| 18 | | +ltree_sms2 | | | |
| 19 | | +ltree_PrepareEnvironmentPart1 | | | |
| 20 | | +ltree_sms1 | | | |
| 21 | | +ltree_sms3 | | | |
| ltree_PrepareEnvironmentPart1 | | | | | |
| 22 | | +RRmtcallprepare(TimingAdv_01) | | | |
| 23 | | +ltree_set_sapi3_SDCCH_MT | | | |
| 24 | | (TCV_ti_v_2:= '000'B, TCV_chSms:=TCV_ch) | | | |
| ltree_sms1 | | | | | |
| 25 | | !DL_DatRqCpData | DatRqCpData(CpDataPdu_01(TCV_ti_v_2, CpData_05(TCV_TPOA1, TCV_RPOA_MT, TCV_Rpmr, C_Tzone0)), | | CP-DATA(RP-Data SMS DELIVER), n->ms class 2 MT-SM |

| | | | | |
|----|---|---|-----|---|
| 26 | START T_dly(25000) | TCV_chSms) | | |
| 27 | ?TIMEOUT T_dly | | (F) | |
| 28 | +ChanRel(TCV_ch) | | | |
| 29 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | | CP-ACK ms->n |
| 30 | START T_dly(60000) | | | |
| 31 | Itree_sms2 (TCV_Res:=OO_SIMSimulAttIndOK()) | | | ME attempt to store SM on SIM? Status OK (‘9000’) |
| 32 | [TCV_Res =FALSE] | | (F) | |
| 33 | +ChanRel(TCV_ch) | | | |
| 34 | [TCV_Res =TRUE] | | (F) | |
| 35 | ?TIMEOUT T_dly | | | |
| 36 | +ChanRel(TCV_ch) | | | |
| 37 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | | CP-DATA(RP-Ack) ms->n |
| 38 | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | CP-ACK n->ms |
| 39 | +ChanRel(TCV_ch) | | | |
| 40 | Itree_sms3 (TCV_Res:=OO_SIMSimulAttIndMemProblem()) | | | ME attempt to store SM on SIM? Status ‘memory problem’ (‘9240’) |
| 41 | [TCV_Res =FALSE] | | (F) | |
| 42 | +ChanRel(TCV_ch) | | | |
| 43 | [TCV_Res =TRUE] | | (F) | |
| 44 | ?TIMEOUT T_dly | | | |
| 45 | +ChanRel(TCV_ch) | | | |
| 46 | [TSPC_StoreRcvSMSME] | | | |
| 47 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_07(TCV_Rpmr))) | | CP-DATA(RP-Error: Protocol Error, unspecified) |
| 48 | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | CP-ACK n->ms |
| 49 | +ChanRel_end(TCV_ch) | | | |
| 50 | [NOT TSPC_StoreRcvSMSME] | | | |
| 51 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_08(TCV_Rpmr))) | | CP-DATA(RP-Error: Memory capacity exceeded) |
| 52 | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | CP-ACK n->ms |
| 53 | +ChanRel_end(TCV_ch) | | | |
| 54 | Itree_set_sapi3_SDCCH_MT L!DL_EstRq | DLEstRq_01(TCV_ch) | | |
| 55 | L?DL_EstCo | DLEstCo_01(TCV_ch) | | |

Detailed Comments:

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Case Name: | | TC_34_2_7 | | | |
| Group: | | GSM_L3_MS_v4170/SM/ | | | |
| Purpose: | | To verify the correct implementation of the replace mechanism for Replace Short Messages. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_part1 | | | |
| | | ltree_preamble | | | |
| 4 | | (TCV_Null:=OO_EmptyMessageStorage()) | | | |
| 5 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 6 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 7 | | +IdleState_cellA(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 8 | | (TCV_TPOA1:='1111111111'O, TCV_TPOA2:='2222222222'O, TCV_RPOA1:='3333333333'O, TCV_RPOA2:='4444444444'O, TCV_Rpmr:='00'O) | | | |
| 9 | | REPEAT ltree_RandomTypes UNTIL [NOT(TCV_SMTtypeM = TCV_SMTtypeN)] | | | |
| | | ltree_RandomTypes | | | |
| 10 | | (TCV_SMTtypeM:=OC_Random(1, 7), TCV_SMTtypeN:=OC_Random(1, 7)) | | | |
| | | ltree_part1 | | | |
| 11 | | +ltree_PrepareEnvironmentPart1 | | | |
| 12 | | L!DL_DatRqCpData | DatRqCpData(CpDataPdu_16(TCV_TPOA1, TCV_RPOA1, TCV_SMTtypeN, "First short message. ", TCV_ti_v_2, TCV_Rpmr, C_Tzone1), TCV_chSms) | | RP-Data |
| 13 | | +ltree_sms1 | | | |
| 14 | | +ltree_PrepareEnvironmentPart1 | | | |
| 15 | | L!DL_DatRqCpData | DatRqCpData(CpDataPdu_16(TCV_TPOA2, TCV_RPOA1, TCV_SMTtypeN, "Second short message. ", TCV_ti_v_2, TCV_Rpmr, C_Tzone1), TCV_chSms) | | RP-Data |
| 16 | | +ltree_sms1 | | | |
| 17 | | +ltree_PrepareEnvironmentPart1 | | | |
| 18 | | L!DL_DatRqCpData | DatRqCpData(CpDataPdu_16(TCV_TPOA2, TCV_RPOA2, TCV_SMTtypeN, "Third short message. ", TCV_ti_v_2, TCV_Rpmr, C_Tzone1), TCV_chSms) | | RP-Data |
| 19 | | +ltree_sms1 | | | |
| 20 | | +ltree_PrepareEnvironmentPart1 | | | |

| | | | | |
|---------------------------|--|---|-----|---------|
| 21 | L!DL_DatRqCpData | DatRqCpData(CpDataPdu_16(TCV_TPOA2, TCV_RPOA2, TCV_SMTypeM, "Fourth short message. ", TCV_ti_v_2, TCV_Rpmr, C_Tzone1), TCV_chSms) | | RP-Data |
| 22 | +ltree_sms1 | | | |
| 23 | +ltree_PrepareEnvironmentPart1 | | | |
| 24 | L!DL_DatRqCpData | DatRqCpData(CpDataPdu_16(TCV_TPOA2, TCV_RPOA2, TCV_SMTypeM, "Fifth short message. ", TCV_ti_v_2, TCV_Rpmr, C_Tzone1), TCV_chSms) | | RP-Data |
| 25 | +ltree_sms1 | | | |
| 26 | (TCV_Res:=OO_Check AllSMPresentBut4th()) | | | |
| 27 | [TCV_Res =FALSE] | | (F) | |
| 28 | [TCV_Res =TRUE] | | P | |
| 29 | ltree_PrepareEnvironmentPart1 +RRmtcallprepare(TimingAdv_01) | | | |
| 30 | +ltree_set_sapi3_SDCCH_MT | | | |
| 31 | (TCV_ti_v_2:='000'B, TCV_chSms:=TCV_ch) | | | |
| 32 | ltree_sms1 START T_dly(25000) | | | |
| 33 | ?TIMEOUT T_dly | | (F) | |
| 34 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | | |
| 35 | START T_dly(60000) | | | |
| 36 | ?TIMEOUT T_dly | | (F) | |
| 37 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | | RP-Ack |
| 38 | L!DL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2), TCV_chSms) | | |
| 39 | +ChanRel(TCV_chTch) | | | |
| 40 | ltree_set_sapi3_SDCCH_MT L!DL_EstRq | DLEstRq_01(TCV_ch) | | |
| 41 | L?DL_EstCo | DLEstCo_01(TCV_ch) | | |
| Detailed Comments: | | | | |

| Test Case Dynamic Behaviour | | | | | |
|--------------------------------------|-------|--|--|---|--|
| Test Case Name: | | TC_34_2_8 | | | |
| Group: | | GSM_L3_MS_v4170/SM/ | | | |
| Purpose: | | To verify that the MS is able to send a Reply Short Message back to the correct originating SME even if in the meantime it receives another Short Message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | body | +ltree_part1 | | | |
| 4 | | +ltree_part2 | | | |
| ltree_preamble | | | | | |
| 5 | | (TCV_Null := OO_EmptyMessageStorage()) | | | |
| 6 | | (TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 7 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 8 | | +IdleState_cellA(C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '011'B, '00'O, C_noRestablishment) | | | |
| 9 | | (TCV_RPOA1 := '1111111111'O, TCV_RPOA2 := '2222222222'O, TCV_RPDA_MT := '3333333333'O, TCV_TPOA1 := '4444444444'O, TCV_TPOA2 := '5555555555'O, TCV_RPOA_MO := TCV_RPDA_MT, TCV_RPDA_MO := TCV_RPOA1, TCV_TPDA := TCV_TPOA1, TCV_Rpmr := '00'O) | | | n->ms, 1st SM n->ms, 2nd SM n->ms, both n->ms, 1st SM n->ms, 2nd SM ms->n, both ms->n, 1st reply ms->n, 1st reply |
| ltree_PrepareEnvironmentPart1 | | | | | |
| 10 | | +RRmtcallprepare(TimingAdv_01) | | | |
| 11 | | +ltree_set_sapi3_SDCCH_MT | | | |
| 12 | | (TCV_ti_v_2 := '000'B, TCV_chSms := TCV_ch) | | | |
| ltree_part1 | | | | | |
| 13 | | +ltree_PrepareEnvironmentPart1 | | | |
| 14 | | L!DL_DatRqCpData (TCV_Rpmr:='00'O, TCV_SMCntns := DL_DatRqCpData.msg.CPdata.rpdata.rpusrdat.tpdeliver.ud) | DatRqCpData(CpDataPdu_17(TCV_TPOA1, TCV_RPOA1, "The first short message. ", TCV_ti_v_2, TCV_Rpmr, C_Tzone6), TCV_chSms) | | RP-Data |
| 15 | | +ltree_sms1 | | | |
| 16 | | [TSPC_StoreRcvSMSME OR TSPC_StoreRcvSMSSIM] | | | SM can be stored |
| 17 | | +ltree_PrepareEnvironmentPart1 | | | |
| 18 | | L!DL_DatRqCpData (TCV_CB2 := DL_DatRqCpData.msg.CPdata.rpdata.rpusrdat.tpdeliver.ud) | DatRqCpData(CpDataPdu_17(TCV_TPOA2, TCV_RPOA2, "The second short message. ", TCV_ti_v_2, TCV_Rpmr, C_Tzone6), TCV_chSms) | | RP-Data |
| 19 | | +ltree_sms1 | | | |
| 20 | | [NOT(TSPC_StoreRcvSMSME) AND NOT(TSPC_StoreRcvSMSSIM)] | | | SM cannot be stored |
| ltree_PrepareEnvironmentPart2 | | | | | |
| 21 | | (TCV_chSms:=TCV_ch) | | | |
| 22 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | | |

| | | | | |
|----|---|--|--|----------------------------------|
| 23 | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 24 | LIDL_UdatRqlmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 25 | L?DL_EstInCmsRq | CmsSerReq_09 | | |
| 26 | ACTIVATE(OtherEventsFail) | | | Restore normal default tree |
| 27 | +Authentication(TCV_ch, TCV_cksn) | | | |
| 28 | +Cipherring_on(TCV_ch) | | | |
| 29 | +ltree_set_sapi3_SDCCH_MO | | | |
| | ltree_part2 | | | |
| 30 | +ltree_PrepareEnvironmentPart2 | | | |
| 31 | (TCV_CB3:=OO_DisplaySMAndSendReplySM(1,160, TCV_SMcntns)) | | | TCV_CB3 holds the 1st reply data |
| 32 | L?DL_DatInCpData(TCV_Rpmr := DL_DatInCpData.msg.Cpdata.rpdata.rpmr, TCV_ti_v := DL_DatInCpData.msg.ti.v) | DatInCpData(CpDataPdu_18(TCV_TPDA,TCV_RPDA_MT, TCV_CB3)) | | RP-Data, TP-submit |
| 33 | +ltree_sms2 | | | Reply SM |
| 34 | +ChanRel(TCV_ch) | | | |
| 35 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 36 | +ltree_PrepareEnvironmentPart2 | | | |
| 37 | [TSPC_StoreRcvSMSME OR TSPC_StoreRcvSMSSIM] | | | SM can be stored |
| 38 | (TCV_RPDA_MO := TCV_RPOA2, TCV_TPDA := TCV_TPOA2) | | | |
| 39 | (TCV_CB4:=OO_DisplaySMAndSendReplySM(2,160,TCV_CB2)) | | | |
| 40 | L?DL_DatInCpData(TCV_Rpmr := DL_DatInCpData.msg.Cpdata.rpdata.rpmr, TCV_ti_v := DL_DatInCpData.msg.ti.v) | DatInCpData(CpDataPdu_18(TCV_TPDA,TCV_RPDA_MT, TCV_CB4)) | | RP-Data, TP-submit |
| 41 | +ltree_sms2 | | | Reply SM |
| 42 | +ChanRel_end(TCV_ch) | | | |
| 43 | [NOT(TSPC_StoreRcvSMSME) AND NOT(TSPC_StoreRcvSMSSIM)] | | | SM cannot be stored |
| | ltree_sms1 | | | |
| 44 | START T_dly(25000) | | | |
| 45 | ?TIMEOUT T_dly | | | (F) |
| 46 | +ChanRel(TCV_chTch) | | | |
| 47 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_01(TCV_ti_v_2)) | | (P) |
| 48 | START T_dly(60000) | | | |
| 49 | ?TIMEOUT T_dly | | | (F) |
| 50 | +ChanRel(TCV_chTch) | | | |
| 51 | L?DL_DatInCpData CANCEL T_dly | DatInCpData(CpDataPdu_02(TCV_ti_v_2, CpData_02(TCV_Rpmr))) | | (P) RP-Ack |
| 52 | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_02(TCV_ti_v_2, TCV_chSms)) | | |
| 53 | +ChanRel(TCV_chTch) | | | |
| 54 | (TCV_Null := OM_CphMd(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| | ltree_sms2 | | | |
| 55 | LIDL_DatRqCpDataAck | DatRqCpDataAck(CpDataAckPdu_01(TCV_ti_v), | | |

| | | | |
|---------------------------|---|---|--------|
| 56 | L!DL_DatRqCpData | TCV_chSms) DatRqCpData(CpDataPdu_02(TCV_ti_v, CpData_04(TCV_Rpmr)), TCV_chSms) | RP-Ack |
| 57 | START T_dly(25000) | | |
| 58 | ?TIMEOUT T_dly | | (F) |
| 59 | +ChanRel(TCV_chTch) | | |
| 60 | L?DL_DatInCpDataAck CANCEL T_dly | DatInCpDataAck(CpDataAckPdu_02(TCV_ti_v)) | (P) |
| 61 | Itree_set_sapi3_SDCCH_MT L!DL_EstRq | DLEstRq_01(TCV_ch) | |
| 62 | L?DL_EstCo | DLEstCo_01(TCV_ch) | |
| 63 | Itree_set_sapi3_SDCCH_MO L?DL_EstIn | DLEstInd_02 | |
| Detailed Comments: | | | |

| Test Case Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|-----|--|
| Test Case Name: | | TC_34_3 | | | |
| Group: | | GSM_L3_MS_v4170/SM/ | | | |
| Purpose: | | This test verifies that an MS is able to receive SMS-CB messages. This test verifies that a MS is able to respond to a paging requested during the transmission of a cell broadcast short message. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_guard(300) | | | |
| 2 | | +ltree_preamble | | | |
| 3 | | +ltree_body | | | |
| ltree_body | | | | | |
| 4 | | +SendSMSCBMessage(SerialNumber_01) | | | Send cell broadcast message |
| 5 | | (TCV_Res:=OO_CheckCBSMReceived(93,TCV_SMSCBpack)) | | | |
| 6 | | [TCV_Res =FALSE] | | (F) | |
| 7 | | [TCV_Res =TRUE] | | (P) | |
| 8 | | +SendSMSCBMessage(SerialNumber_02) | | | Send cell broadcast message |
| 9 | | (TCV_Res:=OO_CheckCBSMReceived(93,TCV_SMSCBpack)) | | | |
| 10 | | [TCV_Res =FALSE] | | (F) | |
| 11 | | [TCV_Res =TRUE] | | (P) | |
| 12 | | +SendSMSCBMessage(SerialNumber_03) | | | Send cell broadcast message |
| 13 | | (TCV_Res:=OO_CheckCBSMReceived(93,TCV_SMSCBpack)) | | | |
| 14 | | [TCV_Res =FALSE] | | (F) | |
| 15 | | [TCV_Res =TRUE] | | (P) | |
| 16 | | +ltree_body2 | | | |
| ltree_body2 | | | | | |
| 17 | | +SendSMSCBMessage(SerialNumber_01) | | | Send cell broadcast message |
| 18 | | (TCV_Res:=OO_CheckCBSMReceived(93,TCV_SMSCBpack)) | | | |
| 19 | | [TCV_Res =FALSE] | | (F) | |
| 20 | | [TCV_Res =TRUE] | | (P) | |
| 21 | | (TCV_Null:=OM_SendSMSCBWhilePaging(TCV_CBch)) | | | Send cell broadcast message while paging |
| 22 | | +SendSMSCBMessage(SerialNumber_02) | | | Send cell broadcast message |
| 23 | | +localtree | | | Paging. If no answer: FAIL |
| 24 | | (TCV_Res:=OO_CheckCBSMReceived(93,TCV_SMSCBpack)) | | | |
| 25 | | [TCV_Res =FALSE] | | (F) | |
| 26 | | [TCV_Res =TRUE] | | (P) | |
| 27 | | +SendSMSCBMessage(SerialNumber_03) | | | Send cell broadcast message |
| 28 | | (TCV_Res:=OO_CheckCBSMReceived(93,TCV_SMSCBpack)) | | | |
| 29 | | [TCV_Res =FALSE] | | (F) | |
| 30 | | [TCV_Res =TRUE] | | P | |
| ltree_preamble | | | | | |
| 31 | | (TCV_CBch := C_CBCH_A, TCV_Ccd0A := CntrlChDscrp(0, '000'B, '001'B, '011'B, '00'O), TCV_slot := C_S0, TCV_tsc := C_BCC) | | | |
| 32 | | +IdleUpdated(C_CellA, C_Immass, TCV_slot, TCV_tsc, TimingAdv_01, '000'B, '001'B, '011'B, '00'O) | | | |
| 33 | | +StartCellA_CBMS(C_Immass,TCV_slot, TCV_tsc, TimingAdv_01, 0, '000'B, '001'B, '000'B, '00'O) | | | |

| | | | | |
|---------------------------|--|--|--|---|
| 34 | localtree +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 35 | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 36 | START T_dly(5000) | | | (F) |
| 37 | ?TIMEOUT T_dly | | | |
| 38 | L?DL_RacInChRq(TCV_Rr:=DL_RacInChRq.m sg.ecau_rrf, TCV_Fn:=DL_RacInChRq.fn) | ChReq_01 | | |
| 39 | CANCEL T_dly LIDL_UdatRqImmss | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, TimingAdv_01) | | |
| 40 | L?DL_EstInPgRes | PgRes_01 | | |
| 41 | +ChanRel(TCV_ch) | | | |
| | SendSMSCBMessage(serial_number: SERIAL_NUMBER) | | | |
| 42 | L!DL_UdatRqSMSCBData (TCV_CB1 := DL_UdatRqSMSCBData.msg.message_contents) | SMSCBReq_01(TCV _CBch, serial_number) | | First block |
| 43 | L!DL_UdatRqSMSCBData (TCV_CB2 := DL_UdatRqSMSCBData.msg.message_contents) | SMSCBReq_02(TCV _CBch, serial_number, '0001'B, '0'B, 17, 38) | | Second block, message octets 17 to 38 |
| 44 | L!DL_UdatRqSMSCBData (TCV_CB3 := DL_UdatRqSMSCBData.msg.message_contents) | SMSCBReq_02(TCV _CBch, serial_number, '0010'B, '0'B, 39, 60) | | Third block, message octets 39 to 60 |
| 45 | LIDL_UdatRqSMSCBData (TCV_CB4 := DL_UdatRqSMSCBData.msg.message_content s) | SMSCBReq_02(TCV _CBch, serial_number, '0011'B, '1'B, 61, 82) | | Fourth and last block, message octets 61 to 82 |
| 46 | (TCV_SMSCBpack := SMSCBdata(TCV_CB1, TCV_CB2, TCV_CB3, TCV_CB4)) | | | 4 blocks data |
| Detailed Comments: | | | | |

Test Step Library

Test Step Group management

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | ChangeRfLev_2Cells(cellid1 :CellID; bspwr1:INTEGER; cellid2 :CellID; bspwr2:INTEGER) | | | |
| Group: | | GSM_L3_MS_v4170/management/ | | | |
| Objective: | | To change the RF level of the two cells to the corresponding levels. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OM_ChangeRFOf2Cells(cellid1, bspwr1, cellid2, bspwr2)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | ChConfig(bspwr, mspwr:INTEGER; acttype:BITSTRING; chmod:CHMOD; ta:TA; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; td, fn:INTEGER; babr, cch_con, bpm:B_3; pgfil:PG1_RQ_PDU; dtxu, dtxd:BITSTRING; cell:CellID; lgch1, lgch2, lgch3, lgch4, lgch5, lgch6, lgch7, lgch8, lgch9:LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/management/ | | | |
| Objective: | | To configure a basic physical channel with various parameters and map logic channels onto the physical channel. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OM_ChConf(bspwr, mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, td, fn, babr, cch_con, bpm, pgfil, dtxu, dtxd, cell, lgch1, lgch2, lgch3, lgch4, lgch5, lgch6, lgch7, lgch8, lgch9)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | IncrRfLev_Cellavail(cellid :CellID) | | | |
| Group: | | GSM_L3_MS_v4170/management/ | | | |
| Objective: | | To increase the RF level of given cell so that the cell is suitable as defined in GSM 05.08 section 6.6.2 | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null :=OM_IncrRFOfCell(cellid)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | LowRfLev_Cellavailable(cellid :CellID) | | | |
| Group: | | GSM_L3_MS_v4170/management/ | | | |
| Objective: | | To lower the RF level of cell cellid so that the MS, which is listening to cell cellid, will select another cell. The old cell is suitable during the cell selection. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OM_LowerRFOfCell(cellid)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | LowRfLev_Cellnotavail(cellid :CellID) | | | |
| Group: | | GSM_L3_MS_v4170/management/ | | | |
| Objective: | | To lower the RF level of cell cellid so that the MS, which is listening to cell cellid, will select another cell. The old cell is not more suitable during the cell selection. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OM_LowerRFOfCell(cellid)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|------|---|----------|
| Test Step Name: StopAllBCCH | | | | | |
| Group: GSM_L3_MS_v4170/management/ | | | | | |
| Objective: To stop the RF transmission of all BCCH channels in all active cells. | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 2 | | (TCV_Null := OM_StopAllBCCH(C_BCCH_A_1, C_BCCH_B_1, C_BCCH_C_1, C_BCCH_D_1, C_BCCH_E_1, C_BCCH_F_1, C_BCCH_G_1, C_BCCH_H_1)) | | | |
| 3 | | [TSPC_DCS] | | | |
| 4 | | (TCV_Null := OM_StopAllBCCH(C_BCCH_A_1, C_BCCH_B_1, C_BCCH_C_1, C_BCCH_D_1, C_BCCH_E_1, C_BCCH_F_1, C_BCCH_G_1, "dummy")) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|------------|-----|----------|
| Test Step Name: Stopmaindcch(ch_main:LOGICCH; ch_sacch:LOGICCH) | | | | | |
| Group: GSM_L3_MS_v4170/management/ | | | | | |
| Objective: To stop the transmission of main dcch channel and wait till no more uplink SACCH frame. | | | | | |
| Default: OtherEventsFail_01 | | | | | |
| Comments: `ch_main` identifying a main dcch channel and `ch_sacch` a sacch channel. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OM_Deactivate(ch_main, ch_sacch)) | | | |
| 2 | | (TCV_Null := OM_StartMsrReport(ch_sacch)) | | | 1. |
| 3 | | START T_dly1(C_T_mrsrp) | | | |
| 4 | | (TCV_Res := FALSE) | | | |
| 5 | | REPEAT ltree_rcvmsr UNTIL [TCV_Res] | | | |
| | | (TCV_Null := OM_StopMsrReport(ch_sacch)) | | | |
| 6 | | ltree_rcvmsr | | | |
| 7 | | L?DL_UdatlnMsrRpt | MsrRept_02 | | 2. |
| 8 | | START T_dly1(C_T_mrsrp) | | | |
| 9 | | ?TIMEOUT T_dly1 | | (P) | |
| | | (TCV_Res := TRUE) | | | |
| Detailed Comments: | | | | | |
| 1. Wait until there is no more SACCH frames in the uplink direction. | | | | | |
| 2. If any measurement report message with any contents has been received, restart the timer again. The loop is watched by the T_guard in the default test step OtherEventsFail_01. | | | | | |
| This test step is called by TC_26_7_4_3_2, TC_26_7_4_3_3, TC_26_7_4_3_4. | | | | | |

Test Step Group ChConfig

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | CCConfigTCH(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | Configure Tester for TCH/H or TCH/F depending on TCV_ChRate. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TCV_ChRate = C_Full] | | | 1. |
| 2 | | +FullRateCh_A_1(acttype, slot, tsc, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, ta, babr, cch_con, bpm) | | | |
| 3 | | (TCV_chtype := '00001'B) | | | |
| 4 | | [TCV_ChRate = C_Half] | | | 2. |
| 5 | | +HalfRateCh_A_1(TSPX_TCHHSubDef, acttype, slot, tsc, ChMod_speech, FreqTCHa_rg, FreqTCHa_rd, ta, babr, cch_con, bpm) | | | |
| 6 | | [TSPX_TCHHSubDef = '0'B] | | | |
| 7 | | (TCV_chtype := '00010'B) | | | |
| 8 | | [TSPX_TCHHSubDef = '1'B] | | | |
| 9 | | (TCV_chtype := '00011'B) | | | |
| Detailed Comments: | | 1. Full rate channel needed, to setup a physical channel as full rate traffic channel. 2. Half rate channel needed, to setup the physical channel as half rate traffic channel. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_CBMS_A_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH, SDCCH4 and CBCH onto the physical channel which represents cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, C_FCCH_A, C_SCH_A, C_BCCH_A_1, C_PCH_A_1, C_AGCH_A_1, C_RACH_A_1, C_SDCCH4_A, C_SACCHC4_A, C_CBCH_A) | | | |
| 2 | | +Assoc(C_SDCCH4_A, C_SDCCH40_A, C_SDCCH41_A, C_SDCCH42_A, C_SDCCH43_A, "dummy", "dummy", "dummy", "dummy", C_SACCHC4_A, C_SACCHC40_A, C_SACCHC41_A, C_SACCHC42_A, C_SACCHC43_A, "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Config_FACCHF_A_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHF_ACCH's of cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", "dummy", "dummy", "dummy", C_FACCHF_A_1, C_SACCHF_A_1, "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_FACCHF_A_2(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHF_ACCH's for instance 2 of cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_FACCHF_B_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHF_ACCH's of cell B. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellB, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_FACCHF_B_2(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as second instance of TCHF_ACCH's of cell B. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellB, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_FACCHF_H_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHF_ACCH's of cell H. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellH, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Config_FACCHH_A_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHH_ACCH's of cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| 2 | | +Assoc(C_FACCHH_A_1, C_FACCHH0_A_1, C_FACCHH1_A_1, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", C_SACCHH_A_1, C_SACCHH0_A_1, C_SACCHH1_A_1, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Config_FACCHH_A_2(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHH_ACCH's of cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| 2 | | +Assoc(C_FACCHH_A_2, C_FACCHH0_A_2, C_FACCHH1_A_2, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", C_SACCHH_A_2, C_SACCHH0_A_2, C_SACCHH1_A_2, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Config_FACCHH_B_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHH_ACCH's of cell B. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellB, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| 2 | | +Assoc(C_FACCHH_B_1, C_FACCHH0_B_1, C_FACCHH1_B_1, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", C_SACCHH_B_1, C_SACCHH0_B_1, C_SACCHH1_B_1, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_FACCHH_B_2(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHH_ACCH's of cell B. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellB, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| 2 | | +Assoc(C_FACCHH_B_2, C_FACCHH0_B_2, C_FACCHH1_B_2, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", C_SACCHH_B_2, C_SACCHH0_B_2, C_SACCHH1_B_2, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_BCCH_CCCH_A_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH and CCCH onto the physical channel which represents cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, C_FCCH_A, C_SCH_A, C_BCCH_A_1, C_PCH_A_1, C_AGCH_A_1, C_RACH_A_1, "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Config_BCCH_CCCH_A_2(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map the second BCCH, CCCH onto the physical channel which represents cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", C_BCCH_A_2, C_PCH_A_2, C_AGCH_A_2, C_RACH_A_2, "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Config_BCCH_CCCH_A_3(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map the third BCCH, CCCH onto the physical channel which represents cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", C_BCCH_A_3, C_PCH_A_3, C_AGCH_A_3, C_RACH_A_3, "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Config_BCCH_CCCH_A_4(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map the fourth BCCH, CCCH onto the physical channel which represents cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", C_BCCH_A_4, C_PCH_A_4, C_AGCH_A_4, C_RACH_A_4, "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_BCCH_CCCH_B_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH and CCCH onto the physical channel which represents cell B. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellB, C_FCCH_B, C_SCH_B, C_BCCH_B_1, C_PCH_B_1, C_AGCH_B_1, C_RACH_B_1, "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|------|---|----------|
| Test Step Name: Config_SDCCH4_A_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, C_FCCH_A, C_SCH_A, C_BCCH_A_1, C_PCH_A_1, C_AGCH_A_1, C_RACH_A_1, C_SDCCH4_A, C_SACCHC4_A, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH4_A, C_SDCCH40_A, C_SDCCH41_A, C_SDCCH42_A, C_SDCCH43_A, "dummy", "dummy", "dummy", "dummy", C_SACCHC4_A, C_SACCHC40_A, C_SACCHC41_A, C_SACCHC42_A, C_SACCHC43_A, "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|------|---|----------|
| Test Step Name: Config_SDCCH4_B_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell B. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellB, C_FCCH_B, C_SCH_B, C_BCCH_B_1, C_PCH_B_1, C_AGCH_B_1, C_RACH_B_1, C_SDCCH4_B, C_SACCHC4_B, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH4_B, C_SDCCH40_B, C_SDCCH41_B, C_SDCCH42_B, C_SDCCH43_B, "dummy", "dummy", "dummy", "dummy", C_SACCHC4_B, C_SACCHC40_B, C_SACCHC41_B, C_SACCHC42_B, C_SACCHC43_B, "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Config_SDCCH4_C_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell C. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellC, C_FCCH_C, C_SCH_C, C_BCCH_C_1, C_PCH_C_1, C_AGCH_C_1, C_RACH_C_1, C_SDCCH4_C, C_SACCHC4_C, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH4_C, C_SDCCH40_C, C_SDCCH41_C, C_SDCCH42_C, C_SDCCH43_C, "dummy", "dummy", "dummy", "dummy", C_SACCHC4_C, C_SACCHC40_C, C_SACCHC41_C, C_SACCHC42_C, C_SACCHC43_C, "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Config_SDCCH4_D_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell D | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellD, C_FCCH_D, C_SCH_D, C_BCCH_D_1, C_PCH_D_1, C_AGCH_D_1, C_RACH_D_1, C_SDCCH4_D, C_SACCHC4_D, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH4_D, C_SDCCH40_D, C_SDCCH41_D, C_SDCCH42_D, C_SDCCH43_D, "dummy", "dummy", "dummy", "dummy", C_SACCHC4_D, C_SACCHC40_D, C_SACCHC41_D, C_SACCHC42_D, C_SACCHC43_D, "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_SDCCH4_E_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; hcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell E | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, hcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellE, C_FCCH_E, C_SCH_E, C_BCCH_E_1, C_PCH_E_1, C_AGCH_E_1, C_RACH_E_1, C_SDCCH4_E, C_SACCHC4_E, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH4_E, C_SDCCH40_E, C_SDCCH41_E, C_SDCCH42_E, C_SDCCH43_E, "dummy", "dummy", "dummy", "dummy", C_SACCHC4_E, C_SACCHC40_E, C_SACCHC41_E, C_SACCHC42_E, C_SACCHC43_E, "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_SDCCH4_F_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; hcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell F | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, hcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellF, C_FCCH_F, C_SCH_F, C_BCCH_F_1, C_PCH_F_1, C_AGCH_F_1, C_RACH_F_1, C_SDCCH4_F, C_SACCHC4_F, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH4_F, C_SDCCH40_F, C_SDCCH41_F, C_SDCCH42_F, C_SDCCH43_F, "dummy", "dummy", "dummy", "dummy", C_SACCHC4_F, C_SACCHC40_F, C_SACCHC41_F, C_SACCHC42_F, C_SACCHC43_F, "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_SDCCH4_G_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell G | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellG, C_FCCH_G, C_SCH_G, C_BCCH_G_1, C_PCH_G_1, C_AGCH_G_1, C_RACH_G_1, C_SDCCH4_G, C_SACCHC4_G, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH4_G, C_SDCCH40_G, C_SDCCH41_G, C_SDCCH42_G, C_SDCCH43_G, "dummy", "dummy", "dummy", "dummy", C_SACCHC4_G, C_SACCHC40_G, C_SACCHC41_G, C_SACCHC42_G, C_SACCHC43_G, "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_SDCCH4_H_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell H | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellH, C_FCCH_H, C_SCH_H, C_BCCH_H_1, C_PCH_H_1, C_AGCH_H_1, C_RACH_H_1, C_SDCCH4_H, C_SACCHC4_H, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH4_H, C_SDCCH40_H, C_SDCCH41_H, C_SDCCH42_H, C_SDCCH43_H, "dummy", "dummy", "dummy", "dummy", C_SACCHC4_H, C_SACCHC40_H, C_SACCHC41_H, C_SACCHC42_H, C_SACCHC43_H, "dummy", "dummy", "dummy", "dummy") | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|------|---|----------|
| Test Step Name: Config_SDCCH8_A_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmnb:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as SDCCH8 channel for instance 1 of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmnb, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", C_SDCCH8_A_1, C_SACCHC8_A_1, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH8_A_1, C_SDCCH80_A_1, C_SDCCH81_A_1, C_SDCCH82_A_1, C_SDCCH83_A_1, C_SDCCH84_A_1, C_SDCCH85_A_1, C_SDCCH86_A_1, C_SDCCH87_A_1, C_SACCHC8_A_1, C_SACCHC80_A_1, C_SACCHC81_A_1, C_SACCHC82_A_1, C_SACCHC83_A_1, C_SACCHC84_A_1, C_SACCHC85_A_1, C_SACCHC86_A_1, C_SACCHC87_A_1) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|------|---|----------|
| Test Step Name: Config_SDCCH8_A_2(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmnb:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as SDCCH8 channel for instance 2 of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmnb, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", C_SDCCH8_A_2, C_SACCHC8_A_2, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH8_A_2, C_SDCCH80_A_2, C_SDCCH81_A_2, C_SDCCH82_A_2, C_SDCCH83_A_2, C_SDCCH84_A_2, C_SDCCH85_A_2, C_SDCCH86_A_2, C_SDCCH87_A_2, C_SACCHC8_A_2, C_SACCHC80_A_2, C_SACCHC81_A_2, C_SACCHC82_A_2, C_SACCHC83_A_2, C_SACCHC84_A_2, C_SACCHC85_A_2, C_SACCHC86_A_2, C_SACCHC87_A_2) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_SDCCH8_A_3(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as SDCCH8 channel for instance 3 of cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", C_SDCCH8_A_3, C_SACCH8_A_3, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH8_A_3, C_SDCCH80_A_3, C_SDCCH81_A_3, C_SDCCH82_A_3, C_SDCCH83_A_3, C_SDCCH84_A_3, C_SDCCH85_A_3, C_SDCCH86_A_3, C_SDCCH87_A_3, C_SACCH8_A_3, C_SACCH80_A_3, C_SACCH81_A_3, C_SACCH82_A_3, C_SACCH83_A_3, C_SACCH84_A_3, C_SACCH85_A_3, C_SACCH86_A_3, C_SACCH87_A_3) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Config_SDCCH8_B_1(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as SDCCH8 channel for instance 1 of cell B. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", C_SDCCH8_B_1, C_SACCH8_B_1, "dummy") | | | |
| 2 | | +Assoc(C_SDCCH8_B_1, C_SDCCH80_B_1, C_SDCCH81_B_1, C_SDCCH82_B_1, C_SDCCH83_B_1, C_SDCCH84_B_1, C_SDCCH85_B_1, C_SDCCH86_B_1, C_SDCCH87_B_1, C_SACCH8_B_1, C_SACCH80_B_1, C_SACCH81_B_1, C_SACCH82_B_1, C_SACCH83_B_1, C_SACCH84_B_1, C_SACCH85_B_1, C_SACCH86_B_1, C_SACCH87_B_1) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------|---|----------|
| Test Step Name: Config_SDCCH8_B_2(par_bspwr, par_mspwr:INTEGER; chmod:CHMOD; acttype:BITSTRING; slot:SN; tsc:TSC; rf:FRQPARA; chcmbn:LOGCH; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as SDCCH8 channel for instance 2 of cell B. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ChConfig(par_bspwr, par_mspwr, acttype, chmod, ta, slot, tsc, rf, chcmbn, 0, 0, babr, cch_con, bpm, PgReqTp1Norm, '0'B, '0'B, C_CellA, "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy", "dummy") | | | |
| 2 | | +Assoc(C_SDCCH8_B_2, C_SDCCH80_B_2, C_SDCCH81_B_2, C_SDCCH82_B_2, C_SDCCH83_B_2, C_SDCCH84_B_2, C_SDCCH85_B_2, C_SDCCH86_B_2, C_SDCCH87_B_2, C_SACCHC8_B_2, C_SACCHC80_B_2, C_SACCHC81_B_2, C_SACCHC82_B_2, C_SACCHC83_B_2, C_SACCHC84_B_2, C_SACCHC85_B_2, C_SACCHC86_B_2, C_SACCHC87_B_2) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------|---|----------|
| Test Step Name: CombinedBCCH_A_CBMS(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: time slot = 0, ARFCN = 20 (GSM900) or ARFCN = 590 (DCS1800) cell A for RR testing. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_CBMS_A_1(63, 19, ChMod_sign, acttype, slot, tsc, FreqBCCHa_rg, C_CBCH_FCCH_SCH_BCCH_CCCH_SDCCH4_S ACCHC4, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_CBMS_A_1(63, 15, ChMod_sign, acttype, slot, tsc, FreqBCCHa_rd, C_CBCH_FCCH_SCH_BCCH_CCCH_SDCCH4_S ACCHC4, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: 1. For P-GSM900. 2. For DCS1800. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | CombinedBCCH_A(par_bspwr:INTEGER; frq1, frq2:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_SDCCH4_A_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq1, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_SDCCH4_A_1(par_bspwr, 15, ChMod_sign, acttype, slot, tsc, frq2, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. For P-GSM900. 2. For DCS1800. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | CombinedBCCH_B(par_bspwr:INTEGER; frq1, frq2:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell B. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_SDCCH4_B_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq1, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_SDCCH4_B_1(par_bspwr, 15, ChMod_sign, acttype, slot, tsc, frq2, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. For P-GSM900. 2. For DCS1800. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | CombinedBCCH_C(par_bspwr:INTEGER; frq1, frq2:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell C. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_SDCCH4_C_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq1, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_SDCCH4_C_1(par_bspwr, 15, ChMod_sign, acttype, slot, tsc, frq2, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. For P-GSM900. 2. For DCS1800. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | CombinedBCCH_D(par_bspwr:INTEGER; frq1, frq2:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell D. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_SDCCH4_D_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq1, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_SDCCH4_D_1(par_bspwr, 15, ChMod_sign, acttype, slot, tsc, frq2, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. For P-GSM900. 2. For DCS1800. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | CombinedBCCH_E(par_bspwr:INTEGER; frq1, frq2:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell E. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_SDCCH4_E_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq1, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_SDCCH4_E_1(par_bspwr, 15, ChMod_sign, acttype, slot, tsc, frq2, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. For P-GSM900. 2. For DCS1800. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | CombinedBCCH_F(par_bspwr:INTEGER; frq1, frq2:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell F. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_SDCCH4_F_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq1, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_SDCCH4_F_1(par_bspwr, 15, ChMod_sign, acttype, slot, tsc, frq2, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. For P-GSM900. 2. For DCS1800. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | CombinedBCCH_G(par_bspwr:INTEGER; frq1, frq2:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell G. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_SDCCH4_G_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq1, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_SDCCH4_G_1(par_bspwr, 15, ChMod_sign, acttype, slot, tsc, frq2, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. For P-GSM900. 2. For DCS1800. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | CombinedBCCH_G_sp(par_bspwr:INTEGER; frq1, frq2, frq3:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell G. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM] | | | 1. |
| 2 | | +Config_SDCCH4_G_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq1, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_EGSM] | | | 1. |
| 4 | | +Config_SDCCH4_G_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq2, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| 5 | | [TSPC_DCS] | | | 2. |
| 6 | | +Config_SDCCH4_G_1(par_bspwr, 15, ChMod_sign, acttype, slot, tsc, frq3, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. For P-GSM900. 2. For DCS1800. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | CombinedBCCH_H(par_bspwr:INTEGER; frq1, frq2:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell H. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_SDCCH4_H_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq1, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_SDCCH4_H_1(par_bspwr, 15, ChMod_sign, acttype, slot, tsc, frq2, C_FCCH_SCH_BCCH_CCCH_SDCCH4_SACCHC 4, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. For P-GSM900. 2. For DCS1800. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | NonCombinedBCCH_A(par_bspwr:INTEGER; frq1, frq2:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as FCHH_SCH_BCCH_CCCH for cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_BCCH_CCCH_A_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq1, C_FCCH_SCH_BCCH_CCCH, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_BCCH_CCCH_A_1(par_bspwr, 15, ChMod_sign, acttype, slot, tsc, frq2, C_FCCH_SCH_BCCH_CCCH, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. For P-GSM900. 2. For DCS1800. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | NonCombinedBCCH_A_2(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map the second BCCH, CCCH onto the physical channel which represents cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_BCCH_CCCH_A_2(63, 19, ChMod_sign, acttype, slot, tsc, FreqBCCHa_rg, C_BCCH_CCCH_2, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_BCCH_CCCH_A_2(63, 15, ChMod_sign, acttype, slot, tsc, FreqBCCHa_rd, C_BCCH_CCCH_2, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. For P-GSM900. 2. For DCS1800. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | NonCombinedBCCH_A_3(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map the third BCCH, CCCH onto the physical channel which represents cell A. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | time slot = 4, ARFCN = TSPX_BCCHcarrierA | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_BCCH_CCCH_A_3(63, 19, ChMod_sign, acttype, slot, tsc, FreqBCCHa_rg, C_BCCH_CCCH_3, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_BCCH_CCCH_A_3(63, 15, ChMod_sign, acttype, slot, tsc, FreqBCCHa_rd, C_BCCH_CCCH_3, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | | | | |
| 1. For P-GSM900. | | | | | |
| 2. For DCS1800. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | NonCombinedBCCH_A_4(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map the fourth BCCH, CCCH onto the physical channel which represents cell A. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | time slot = 6, ARFCN = TSPX_BCCHcarrierA | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 2 | | +Config_BCCH_CCCH_A_4(63, 19, ChMod_sign, acttype, slot, tsc, FreqBCCHa_rg, C_BCCH_CCCH_4, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS] | | | 2. |
| 4 | | +Config_BCCH_CCCH_A_4(63, 15, ChMod_sign, acttype, slot, tsc, FreqBCCHa_rd, C_BCCH_CCCH_4, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | | | | |
| 1. For P-GSM900. | | | | | |
| 2. For DCS1800. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|------|---|----------|
| Test Step Name: | | NonCombinedBCCH_B(par_bspwr:INTEGER; frq1, frq2:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set a physical channel and map FCCH, SCH, BCCH, CCCH onto the physical channel which represents cell B for RR testing. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM = TRUE] | | | 1. |
| 2 | | +Config_BCCH_CCCH_B_1(par_bspwr, 19, ChMod_sign, acttype, slot, tsc, frq1, C_FCCH_SCH_BCCH_CCCH, ta, babr, cch_con, bpm) | | | |
| 3 | | [TSPC_DCS = TRUE] | | | 2. |
| 4 | | +Config_BCCH_CCCH_B_1(par_bspwr, 15, ChMod_sign, acttype, slot, tsc, frq2, C_FCCH_SCH_BCCH_CCCH, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | | | | |
| 1. For P-GSM900. | | | | | |
| 1.1 Frequenz and cell_id for cell B in HO cases | | | | | |
| 2. For DCS1800. | | | | | |
| 2.1 Frequenz and cell_id for cell B in HO cases | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|------|---|----------|
| Test Step Name: FullRateCh_A_1(acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as TCHF_ACCH's for instance 1 of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: ARFCN= 124 for GSM900, ARFCN = 801 for DCS1800, different from FullRateCh_A_1 | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := C_FACCHF_A_1, TCV_sacchTch := C_SACCHF_A_1) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHF_A_1(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | +Config_FACCHF_A_1(63, 15, chmod, acttypeT, slotT, tscT, Freqd, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 9 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------|---|----------|
| Test Step Name: FullRateCh_A_1_nociph(acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as TCHF_ACCH's for instance 1 of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: Used in TC_26_6_13_5 for after time channel | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := C_FACCHF_A_1, TCV_sacchTch := C_SACCHF_A_1) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHF_A_1(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_FACCHF_A_1(63, 15, chmod, acttypeT, slotT, tscT, Freqd, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | FullRateCh_A_1_2_nociph(Freq:FRQPARA; acttype:BITSTRING; TmSlt:SN; Tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHF_ACCH's for instance 1 of cell A for TC_26_6_6_1. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used as channel for immediate assignment. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_ch := C_FACCHF_A_1, TCV_sacchTch := C_SACCHF_A_1) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHF_A_1(63, 19, ChMod_sign, acttype, TmSlt, Tsc, Freq, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_FACCHF_A_1(63, 15, ChMod_sign, acttype, TmSlt, Tsc, Freq, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | FullRateCh_A_2(acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHF_ACCH's for instance 2 of cell A for TC_26_6_13_1. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used as after time channel. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch1 := C_FACCHF_A_2, TCV_sacchTch1 := C_SACCHF_A_2) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHF_A_2(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_TCHF_ACCHF_2, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | (TCV_Null := OM_CphMd(TCV_chTch1, CphMod_01, TCV_CphKey)) | | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | +Config_FACCHF_A_2(63, 15, chmod, acttypeT, slotT, tscT, Freqd, C_TCHF_ACCHF_2, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 9 | | (TCV_Null := OM_CphMd(TCV_chTch1, CphMod_01, TCV_CphKey)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|------|---|----------|
| Test Step Name: FullRateCh_A_2_nociph(actypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as TCHF_ACCH's for instance 2 of cell A for TC_26_6_13_1. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: used as after time channel. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch1 := C_FACCHF_A_2, TCV_sacchTch1 := C_SACCHF_A_2) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHF_A_2(63, 19, chmod, actypeT, slotT, tscT, Freqg, C_TCHF_ACCHF_2, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_FACCHF_A_2(63, 15, chmod, actypeT, slotT, tscT, Freqd, C_TCHF_ACCHF_2, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|------|---|----------|
| Test Step Name: FullRateCh_B_1(actypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as TCHF_ACCH's for instance 1 of cell B. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: FullRateCh_B_1 uses FreqTCHb and TSPX_TmSlcC. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch1 := C_FACCHF_B_1, TCV_sacchTch_B := C_SACCHF_B_1) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHF_B_1(63, 19, chmod, actypeT, slotT, tscT, Freqg, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 5 | | (TCV_Null := OM_CphMd(TCV_chTch1, CphMod_01, TCV_CphKey)) | | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | +Config_FACCHF_B_1(63, 15, chmod, actypeT, slotT, tscT, Freqd, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacchTch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 9 | | (TCV_Null := OM_CphMd(TCV_chTch1, CphMod_01, TCV_CphKey)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | FullRateCh_B_1_nociph(acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHF_ACCH's for instance 1 of cell B. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | Used in TC_26_6_13_5 for after time channel | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := C_FACCHF_B_1, TCV_sacchTch := C_SACCHF_B_1) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHF_B_1(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_FACCHF_B_1(63, 15, chmod, acttypeT, slotT, tscT, Freqd, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | FullRateCh_B_2_nociph(acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHF_ACCH's for instance 2 of cell B. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | Used in TC_26_6_13_5 for before time channel | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch1 := C_FACCHF_B_2, TCV_sacchTch1 := C_SACCHF_B_2) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHF_B_2(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_TCHF_ACCHF_2, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_FACCHF_B_2(63, 15, chmod, acttypeT, slotT, tscT, Freqd, C_TCHF_ACCHF_2, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|------|---|----------|
| Test Step Name: FullRateCh_H_1(actypeT:BITSTRING; slotT:SN; tscT:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as TCHF_ACCH's for instance 1 of cell H. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: FullRateCh_H_1 uses FreqTCHb and TSPX_TmSlcC. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := C_FACCHF_H_1, TCV_sacchTch_H := C_SACCHF_H_1) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHF_H_1(63, 19, ChMod_speech, actypeT, slotT, tscT, FreqTCHb, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 4 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_FACCHF_H_1(63, 15, ChMod_speech, actypeT, slotT, tscT, FreqTCHb, C_TCHF_ACCHF_1, ta, babr, cch_con, bpm) | | | |
| 7 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|------|---|----------|
| Test Step Name: HalfRateCh_A_1(sub:CH_TDMA; actypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as TCHH_ACCH's for instance 1 of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := OC_SubchOfFacchh(sub, C_CellA, 1), TCV_sacchTch := OC_SubchOfSacchh(sub, C_CellA, 1)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHH_A_1(63, 19, chmod, actypeT, slotT, tscT, Freqg, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| 6 | | [TSPC_DCS = TRUE] | | | |
| 7 | | +Config_FACCHH_A_1(63, 15, chmod, actypeT, slotT, tscT, Freqd, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 9 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | HalfRateCh_A_1_nociph(sub:CH_TDMA; acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHH_ACCH's for instance 1 of cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := OC_SubchOfFacchh(sub, C_CellA, 1), TCV_sacchTch := OC_SubchOfSacchh(sub, C_CellA, 1)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHH_A_1(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | [TSPC_DCS = TRUE] | | | |
| 6 | | +Config_FACCHH_A_1(63, 15, chmod, acttypeT, slotT, tscT, Freqd, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | HalfRateCh_A_1_2(bstring:BITSTRING; acttype:BITSTRING; TmSlT: SN; Tsc:TSC; chmod:CHMOD; Freqg, Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHH_ACCH's for instance 1 of cell A. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used as channel assigned by immediate assignment. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_ch := OC_SubchOfFacchh(OC_LeastBits(bstring, 1), C_CellA, 1), TCV_sacchTch := OC_SubchOfSacchh(OC_LeastBits(bstring, 1), C_CellA, 1)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHH_A_1(63, 19, chmod, acttype, TmSlT, Tsc, Freqg, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | (TCV_Null := OM_CphMd(TCV_sacchTch, CphMod_01, TCV_CphKey)) | | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | +Config_FACCHH_A_1(63, 15, chmod, acttype, TmSlT, Tsc, Freqd, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 9 | | (TCV_Null := OM_CphMd(TCV_sacchTch, CphMod_01, TCV_CphKey)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------|---|----------|
| Test Step Name: HalfRateCh_A_1_3(bstring:BITSTRING; acttype:BITSTRING; TmSlt: SN; Tsc:TSC; chmod:CHMOD; Freqg, Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as TCHH_ACCH's for instance 1 of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: used as channel assigned by immediate assignment. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := OC_SubchOfFacch(OC_LeastBits(bstring, 1), C_CellA, 1), TCV_sacchTch := OC_SubchOfSacch(OC_LeastBits(bstring, 1), C_CellA, 1)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHH_A_1(63, 19, chmod, acttype, TmSlt, Tsc, Freqg, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | +Config_FACCHH_A_1(63, 15, chmod, acttype, TmSlt, Tsc, Freqd, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 9 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|------|---|----------|
| Test Step Name: HalfRateCh_A_1_3_nociph(bstring:BITSTRING; acttype:BITSTRING; TmSlt: SN; Tsc:TSC; chmod:CHMOD; Freqg, Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as TCHH_ACCH's for instance 1 of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: used as channel assigned by immediate assignment. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := OC_SubchOfFacch(OC_LeastBits(bstring, 1), C_CellA, 1), TCV_sacchTch := OC_SubchOfSacch(OC_LeastBits(bstring, 1), C_CellA, 1)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHH_A_1(63, 19, chmod, acttype, TmSlt, Tsc, Freqg, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_FACCHH_A_1(63, 15, chmod, acttype, TmSlt, Tsc, Freqd, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | HalfRateCh_A_2(bstring:BITSTRING; acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHH_ACCH's for instance 2 of cell A for TC_26_6_13_1. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used for after time channel. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch1 := OC_SubchOfFacchh(OC_LeastBits(bstring, 1), C_CellA, 2), TCV_sacchTch1 := OC_SubchOfSacchh(OC_LeastBits(bstring, 1), C_CellA, 2)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHH_A_2(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_TCHH_ACCHH_2, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | (TCV_Null := OM_CphMd(TCV_chTch1, CphMod_01, TCV_CphKey)) | | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | +Config_FACCHH_A_2(63, 15, chmod, acttypeT, slotT, tscT, Freqd, C_TCHH_ACCHH_2, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 9 | | (TCV_Null := OM_CphMd(TCV_chTch1, CphMod_01, TCV_CphKey)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | HalfRateCh_A_2_nociph(bstring:BITSTRING; acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHH_ACCH's for instance 2 of cell A for TC_26_6_13_1. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used for after time channel. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch1 := OC_SubchOfFacchh(OC_LeastBits(bstring, 1), C_CellA, 2), TCV_sacchTch1 := OC_SubchOfSacchh(OC_LeastBits(bstring, 1), C_CellA, 2)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHH_A_2(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_TCHH_ACCHH_2, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_FACCHH_A_2(63, 15, chmod, acttypeT, slotT, tscT, Freqd, C_TCHH_ACCHH_2, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | HalfRateCh_B_1(bstring:BITSTRING; acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHH_ACCH's for instance 1 of cell B for TC_26_6_13_5. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used as after time channel assigned by handover command | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := OC_SubchOfFacchh(OC_LeastBits(bstring, 1), C_CellB, 1), TCV_sacchTch := OC_SubchOfSacchh(OC_LeastBits(bstring, 1), C_CellB, 1)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHH_B_1(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 5 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | +Config_FACCHH_B_1(63, 15, chmod, acttypeT, slotT, tscT, Freqd, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 9 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | HalfRateCh_B_1_nociph(bstring:BITSTRING; acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHH_ACCH's for instance 1 of cell B for TC_26_6_13_5. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used as after time channel assigned by handover command | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := OC_SubchOfFacchh(OC_LeastBits(bstring, 1), C_CellB, 1), TCV_sacchTch := OC_SubchOfSacchh(OC_LeastBits(bstring, 1), C_CellB, 1)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHH_B_1(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_FACCHH_B_1(63, 15, chmod, acttypeT, slotT, tscT, Freqd, C_TCHH_ACCHH_1, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | HalfRateCh_B_2_nociph(bstring:BITSTRING; acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as TCHH_ACCH's for instance 2 of cell B for TC_26_6_13_5. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used as before time channel assigned by handover command | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch1 := OC_SubchOfFacchh(OC_LeastBits(bstring, 1), C_CellB, 2), TCV_sacchTch1 := OC_SubchOfSacchh(OC_LeastBits(bstring, 1), C_CellB, 2)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_FACCHH_B_2(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_TCHH_ACCHH_2, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_FACCHH_B_2(63, 15, chmod, acttypeT, slotT, tscT, Freqd, C_TCHH_ACCHH_2, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | SDCCH8_A_1(bstring:BITSTRING; acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as SDCCH8 channel for instance 1 of cell A. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | default time slot TSPX_TmSlTDef and ARFCN = 20 for GSM, ARFCN = 747 for DCS. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_ch := OC_SubchOfSdcch8(OC_LeastBits(bstring, 3), C_CellA, 1), TCV_sacch8 := OC_SubchOfSacch8(OC_LeastBits(bstring, 3), C_CellA, 1)) | | | |
| 2 | | [TSPC_PGSM = TRUE] | | | |
| 3 | | +Config_SDCCH8_A_1(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_SDCCH8_SACCHC8_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacch8, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | (TCV_Null := OM_CphMd(TCV_sacch8, CphMod_01, TCV_CphKey)) | | | |
| 6 | | [TSPC_DCS = TRUE] | | | |
| 7 | | +Config_SDCCH8_A_1(63, 19, chmod, acttypeT, slotT, tscT, Freqd, C_SDCCH8_SACCHC8_1, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacch8, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 9 | | (TCV_Null := OM_CphMd(TCV_sacch8, CphMod_01, TCV_CphKey)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|------|---|----------|
| Test Step Name: SDCCH8_A_1_nociph(bstring:BITSTRING; acttypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as SDCCH8 channel for instance 1 of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: default time slot TSPX_TmSlTDef and ARFCN = 20 for GSM, ARFCN = 747 for DCS. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_ch := OC_SubchOfSdcch8(OC_LeastBits(bstring, 3), C_CellA, 1), TCV_sacch8 := OC_SubchOfSacch8(OC_LeastBits(bstring, 3), C_CellA, 1)) | | | |
| 2 | | [TSPC_PGSM = TRUE] | | | |
| 3 | | +Config_SDCCH8_A_1(63, 19, chmod, acttypeT, slotT, tscT, Freqg, C_SDCCH8_SACCHC8_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacch8, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | [TSPC_DCS = TRUE] | | | |
| 6 | | +Config_SDCCH8_A_1(63, 19, chmod, acttypeT, slotT, tscT, Freqd, C_SDCCH8_SACCHC8_1, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacch8, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|------|---|----------|
| Test Step Name: SDCCH8_A_1_2_nociph(bstring:BITSTRING; acttype:BITSTRING; TmSlT:SN; Tsc:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as hopping SDCCH8 channel for instance 1 of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: hopping parameters are from PIXIT, used by immediate assignment. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := OC_SubchOfSdcch8(OC_LeastBits(bstring, 3), C_CellA, 1), TCV_sacchTch := OC_SubchOfSacch8(OC_LeastBits(bstring, 3), C_CellA, 1)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_SDCCH8_A_1(63, 19, chmod, acttype, TmSlT, Tsc, Freqg, C_SDCCH8_SACCHC8_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_SDCCH8_A_1(63, 15, chmod, acttype, TmSlT, Tsc, Freqd, C_SDCCH8_SACCHC8_1, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | SDCCH8_A_2_nociph(bstring:BITSTRING; actypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as hopping SDCCH8 channel for instance 2 of cell A, for TC_26_6_13_1. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | hopping parameters are from PIXIT, used as before time channel. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := OC_SubchOfSdcch8(OC_LeastBits(bstring, 3), C_CellA, 2), TCV_sacchTch := OC_SubchOfSacch8(OC_LeastBits(bstring, 3), C_CellA, 2)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_SDCCH8_A_2(63, 19, chmod, actypeT, slotT, tscT, Freqg, C_SDCCH8_SACCH8_2, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | [TSPC_DCS = TRUE] | | | |
| 6 | | +Config_SDCCH8_A_2(63, 15, chmod, actypeT, slotT, tscT, Freqd, C_SDCCH8_SACCH8_2, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | SDCCH8_A_3_nociph(bstring:BITSTRING; actypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as hopping SDCCH8 channel for instance 3 of cell A. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | hopping parameters are from PIXIT, used as after time channel. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch1 := OC_SubchOfSdcch8(OC_LeastBits(bstring, 3), C_CellA, 3), TCV_sacchTch1 := OC_SubchOfSacch8(OC_LeastBits(bstring, 3), C_CellA, 3)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_SDCCH8_A_3(63, 19, chmod, actypeT, slotT, tscT, Freqg, C_SDCCH8_SACCH8_3, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_SDCCH8_A_3(63, 15, chmod, actypeT, slotT, tscT, Freqd, C_SDCCH8_SACCH8_3, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|------|---|----------|
| Test Step Name: SDCCH8_B_1(bstring:BITSTRING; actypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as hopping SDCCH8 channel for instance 1 of cell B For TC_26_6_13_5. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: hopping parameters are from PIXIT, used by handover command after time channel. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := OC_SubchOfSdcch8(OC_LeastBits(bstring, 3), C_CellB, 1), TCV_sacchTch := OC_SubchOfSacch8(OC_LeastBits(bstring, 3), C_CellB, 1)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_SDCCH8_B_1(63, 19, chmod, actypeT, slotT, tscT, Freqg, C_SDCCH8_SACCHC8_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 5 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | +Config_SDCCH8_B_1(63, 15, chmod, actypeT, slotT, tscT, Freqd, C_SDCCH8_SACCHC8_1, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 9 | | (TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------|---|----------|
| Test Step Name: SDCCH8_B_1_nociph(bstring:BITSTRING; actypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/management/ChConfig/ | | | | | |
| Objective: To set one physical channel used as hopping SDCCH8 channel for instance 1 of cell B For TC_26_6_13_5. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: hopping parameters are from PIXIT, used by handover command after time channel. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch := OC_SubchOfSdcch8(OC_LeastBits(bstring, 3), C_CellB, 1), TCV_sacchTch := OC_SubchOfSacch8(OC_LeastBits(bstring, 3), C_CellB, 1)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_SDCCH8_B_1(63, 19, chmod, actypeT, slotT, tscT, Freqg, C_SDCCH8_SACCHC8_1, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_SDCCH8_B_1(63, 15, chmod, actypeT, slotT, tscT, Freqd, C_SDCCH8_SACCHC8_1, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | SDCCH8_B_2_nociph(bstring:BITSTRING; actypeT:BITSTRING; slotT:SN; tscT:TSC; chmod:CHMOD; Freqg,Freqd:FRQPARA; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/management/ChConfig/ | | | |
| Objective: | | To set one physical channel used as hopping SDCCH8 channel for instance 2 of cell B For TC_26_6_13_5. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | hopping parameters are from PIXIT, used by handover command before time channel. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_chTch1 := OC_SubchOfSdcch8(OC_LeastBits(bstring, 3), C_CellB, 2), TCV_sacchTch1 := OC_SubchOfSacch8(OC_LeastBits(bstring, 3), C_CellB, 2)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +Config_SDCCH8_B_2(63, 19, chmod, actypeT, slotT, tscT, Freqg, C_SDCCH8_SACCHC8_2, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +Config_SDCCH8_B_2(63, 15, chmod, actypeT, slotT, tscT, Freqd, C_SDCCH8_SACCHC8_2, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacchTch1, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

Test Step Group Miscellaneous

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Adjust_gsmanddcs_powerlvl(powerlevel1,powerlevel2:INTEGER; pdu_ass: ASS_CMD_PDU) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 2 | | [powerlevel1 <> 0] | | | |
| 3 | | (pdu_ass.pcmd := Pcmd_19(INT_TO_BIT(powerlevel1,5))) | | | |
| 4 | | [powerlevel1 = 0] | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | (pdu_ass.pcmd := Pcmd_19(INT_TO_BIT(powerlevel2,5))) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|-----------------------------|---|-----|----------|
| Test Step Name: AOC_CHK_FAC(ti:TI) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: Check the reception of FACILITY within one second at AOCC | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_DatInConnAck | ConnAckRcv_01(ti) | | |
| 2 | | L?DL_DatInFac CANCEL T_dly1 | Facility_03(FacilityPdu_26(ti, facilityIercv(FwdChAdvRslt_01))) | (P) | |
| 3 | | ?TIMEOUT T_dly1 | | (F) | |
| 4 | | L?DL_DatInFac | Facility_03(FacilityPdu_26(ti, facilityIercv(FwdChAdvRslt_01))) | | |
| 5 | | L?DL_DatInFac CANCEL T_dly1 | Facility_03(FacilityPdu_26(ti, facilityIercv(FwdChAdvRslt_01))) | (P) | |
| 6 | | L?DL_DatInConnAck | ConnAckRcv_01(ti) | | |
| 7 | | ?TIMEOUT T_dly1 | | (F) | |
| 8 | | L?DL_DatInConnAck | ConnAckRcv_01(ti) | | |
| 9 | | L?DL_DatInFac | Facility_03(FacilityPdu_26(ti, facilityIercv(FwdChAdvRslt_01))) | | |
| 10 | | L?DL_DatInFac | Facility_03(FacilityPdu_26(ti, facilityIercv(FwdChAdvRslt_01))) | | |
| 11 | | L?DL_DatInConnAck | ConnAckRcv_01(ti) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|---------------------------|-----|------------|
| Test Step Name: AssCh_complete(oldch,newch:LOGICCH; pdu_ass: ASS_CMD_PDU) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: To provide a generic test step to Assign a traffic channel. Assign complete expected and verdict is PASS. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqAssCmd START T_dlyAss | AssCmd(oldch,pdu_a ss) | | 1.2s delay |
| 2 | | ?TIMEOUT T_dlyAss | | (F) | |
| 3 | | +PostLinkRelEnd(oldch) | | | |
| 4 | | L?DL_EstIn (TCV_FnAss := DL_EstIn.fn) CANCEL T_dlyAss | DLEstIn(newch) | | |
| 5 | | L?DL_DatInAssCom | AssCmp_02(newch) | (P) | |
| 6 | | L!MDL_RelRq | MDLRelReq_01(oldch) | | |
| 7 | | L?DL_EstIn CANCEL T_dlyAss | DLEstIn(oldch) | | |
| 8 | | L?DL_DatInAssfl | AssFl_any_cau(oldch) | (F) | |
| 9 | | +PostLinkRelEnd(oldch) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--------------------|-----|----------|
| Test Step Name: | | AssCh_failure(ch:LOGICCH; pdu_ass: ASS_CMD_PDU; any:BOOLEAN) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To provide a generic test step to Assign a traffic channel. Assign failure expected and verdict is PASS. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqAssCmd START T_dlyAss(4000) | AssCmd(ch,pdu_ass) | | |
| 2 | | [any] | | | |
| 3 | | ?TIMEOUT T_dlyAss | | (F) | |
| 4 | | +PostLinkRelEnd(ch) | | | |
| 5 | | L?DL_EstIn (TCV_FnAss := DL_EstIn.fn) CANCEL T_dlyAss | DLEstIn(ch) | | |
| 6 | | L?DL_DatInAssfl | AssFI_any_cau(ch) | (P) | |
| 7 | | [NOT any] | | | |
| 8 | | ?TIMEOUT T_dlyAss | | (F) | |
| 9 | | +PostLinkRelEnd(ch) | | | |
| 10 | | L?DL_EstIn (TCV_FnAss := DL_EstIn.fn) CANCEL T_dlyAss | DLEstIn(ch) | | |
| 11 | | L?DL_DatInAssfl | AssFI_02(ch) | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|-----------|
| Test Step Name: | | AssCmdGenMO(rate:IA5String) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To generate the ASSIGNMENT COMMAND message. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [rate <> C_Half] | | | Full rate |
| 2 | | +Itree_AsgnTchF | | | |
| 3 | | [rate = C_Half] | | | Half rate |
| 4 | | +Itree_AsgnTchH | | | |
| Itree_AsgnTchF | | | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 6 | | (TCV_AssCmd := AsgnCmd_tchf(TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 7 | | (TCV_AssCmd.ch1mod := TCV_ChMod, TCV_AssCmd.pcmd.pl := '00111'B) | | | |
| 8 | | [TSPC_DCS] | | | |
| 9 | | (TCV_AssCmd := AsgnCmd_dtchf(TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 10 | | (TCV_AssCmd.ch1mod := TCV_ChMod, TCV_AssCmd.pcmd.pl := '00011'B) | | | |
| Itree_AsgnTchH | | | | | |
| 11 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 12 | | (TCV_AssCmd := AsgnCmd_tchh(TSPX_TCHHSubDef, TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 13 | | (TCV_AssCmd.ch1mod := TCV_ChMod, TCV_AssCmd.pcmd.pl := '00111'B) | | | |
| 14 | | [TSPC_DCS] | | | |
| 15 | | (TCV_AssCmd := AsgnCmd_dtchh(TSPX_TCHHSubDef, TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 16 | | (TCV_AssCmd.ch1mod := TCV_ChMod, TCV_AssCmd.pcmd.pl := '00011'B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------|---|-----------|
| Test Step Name: AssCmdGenMT(rate:IA5String) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: To generate the ASSIGNMENT COMMAND message for a mobile terminated call. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [rate <> C_Half] | | | Full rate |
| 2 | | +ltree_AsgnTchF | | | |
| 3 | | [rate = C_Half] | | | Half rate |
| 4 | | +ltree_AsgnTchH | | | |
| ltree_AsgnTchF | | | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 6 | | (TCV_AssCmd := AsgnCmd_tchf(TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 7 | | (TCV_AssCmd.ch1mod := TCV_ChMod, TCV_AssCmd.pcmd.pl := '00111'B) | | | |
| 8 | | [TSPC_DCS] | | | |
| 9 | | (TCV_AssCmd := AsgnCmd_dtchf(TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 10 | | (TCV_AssCmd.ch1mod := TCV_ChMod, TCV_AssCmd.pcmd.pl := '00011'B) | | | |
| ltree_AsgnTchH | | | | | |
| 11 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 12 | | (TCV_AssCmd := AsgnCmd_tchh(TSPX_TCHHSubDef, TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 13 | | (TCV_AssCmd.ch1mod := TCV_ChMod, TCV_AssCmd.pcmd.pl := '00111'B) | | | |
| 14 | | [TSPC_DCS] | | | |
| 15 | | (TCV_AssCmd := AsgnCmd_dtchh(TSPX_TCHHSubDef, TSPX_TmSlitDef, TSPX_TscDef)) | | | |
| 16 | | (TCV_AssCmd.ch1mod := TCV_ChMod, TCV_AssCmd.pcmd.pl := '00011'B) | | | |
| Detailed Comments: The test step makes the assumption that the channel rate is known when the test step is called. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------|---|----------|
| Test Step Name: Assoc(lgch1:LOGICCH; sublgch1:LOGICCH; sublgch2:LOGICCH; sublgch3:LOGICCH; sublgch4:LOGICCH; sublgch5:LOGICCH; sublgch6:LOGICCH; sublgch7: LOGICCH; sublgch8:LOGICCH; lgch2:LOGICCH; sublgch9:LOGICCH; sublgch10:LOGICCH; sublgch11:LOGICCH; sublgch12:LOGICCH; sublgch13:LOGICCH; sublgch14:LOGICCH; sublgch15: LOGICCH; sublgch16:LOGICCH) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: To associate the sub logic channel identifiers to the generic "parent" channel identifiers therefore the subchannel identifiers can refer to the corresponding channels configured by OM_ChConf. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OM_Assoc(lgch1, sublgch1, sublgch2, sublgch3, sublgch4, sublgch5, sublgch6, sublgch7, sublgch8, lgch2, sublgch9, sublgch10, sublgch11, sublgch12, sublgch13, sublgch14, sublgch15, sublgch16)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-------------------------|-----|----------|
| Test Step Name: | | Authentication(ch: LOGICCH; cksn: BITSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqAuthRq | AuthReq_30(ch, cksn) | | |
| 2 | | L?DL_DatInAuthRes (TCV_Sres := DL_DatInAuthRes.msg.sres) | AuthRes_01 | | |
| 3 | | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDDef)) | | | |
| 4 | | [TCV_Res = FALSE] | | (F) | 1) |
| 5 | | [TCV_Res = TRUE] | | (P) | |
| Detailed Comments: | | Authentication fails. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--------------------------------|---|----------|
| Test Step Name: | | CCAuthenticate(ch:LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | Send authentication request and wait for response. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqAuthRq | AuthReq(ch, AuthRequest_01) | | |
| 2 | | L?DL_DatInAuthRes | AuthRes(AuthRespon se_01) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | CCAssignTCH(slot:SN; tsc:TSC) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | Send assign command TCH/H or TCH/F depending on TCV_ChRate and wait for establishment indication. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The calling tree prepare three variables for the step: TCV_ChRate for the type of the channel, TCV_chMod with the channel mode IE for the channel, TCV_chTch contains the identifier for the traffic channel and TCV_chtype the channel type. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OM_ChMdModi(TCV_chTch, TCV_ChMod), TCV_Null := OM_CphMd(TCV_chTch, CphMod_01, TCV_CphKey)) | | | |
| 2 | | +ltree_Asgn | | | 1. |
| 3 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | 2. 3. |
| 4 | | ltree_Asgn | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] (TCV_AssCmd := AsgnCmd_31(TCV_chtype,TCV_ChMod, slot, tsc)) | | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | (TCV_AssCmd := AsgnCmd_31d(TCV_chtype,TCV_ChMod, slot, tsc)) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> To assign the suitable traffic channel to the MS. ASSIGN COMMAND with channel mode, channel description and power command. The channel mode and type (TCH/H or TCH/F) and power command are supplied as parameter. Different power command for DCS. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|-----------------------|
| Test Step Name: | | CCCH_group_Paging_group(ccd: CCD; imsi: HEXSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To calculate the CCCH group and the Paging group from the IMSI and the Control Channel Descriptor according to GSM 05.02, subclause 6.5.2. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [ccd.ccch_con = '000'B] | | | |
| 2 | | (TCV_bs_cc_chans := 1) | | | |
| 3 | | +localtree1 | | | |
| 4 | | [ccd.ccch_con = '001'B] | | | |
| 5 | | (TCV_bs_cc_chans := 1) | | | |
| 6 | | +localtree1 | | | |
| 7 | | [ccd.ccch_con = '010'B] | | | |
| 8 | | (TCV_bs_cc_chans := 2) | | | |
| 9 | | +localtree1 | | | |
| 10 | | [ccd.ccch_con = '100'B] | | | |
| 11 | | (TCV_bs_cc_chans := 3) | | | |
| 12 | | +localtree1 | | | |
| 13 | | [ccd.ccch_con = '110'B] | | | |
| 14 | | (TCV_bs_cc_chans := 4) | | | |
| 15 | | +localtree1 | | | |
| | | localtree1 | | | |
| 16 | | (TCV_bs_ag_blks_res := BIT_TO_INT(ccd.babr), TCV_bs_pa_mfrms := (2 + BIT_TO_INT(ccd.bpm))) | | | |
| 17 | | [ccd.ccch_con = '001'B] | | | i.e. combined |
| 18 | | [(TCV_bs_ag_blks_res < 0) OR(TCV_bs_ag_blks_res > 2)] | | I | Stop! A tester error. |
| 19 | | [(TCV_bs_ag_blks_res >= 0) AND (TCV_bs_ag_blks_res <= 2)] | | | |
| 20 | | (TCV_tmp := 3 - TCV_bs_ag_blks_res) | | | |
| 21 | | +localtree2 | | | |
| 22 | | [ccd.ccch_con <> '001'B] | | | i.e. not combined |
| 23 | | [(TCV_bs_ag_blks_res < 0) OR(TCV_bs_ag_blks_res > 7)] | | I | Stop! A tester error. |
| 24 | | [(TCV_bs_ag_blks_res >= 0) AND (TCV_bs_ag_blks_res <= 7)] | | | |
| 25 | | (TCV_tmp := 9 - TCV_bs_ag_blks_res) | | | |
| 26 | | +localtree2 | | | ini. TCV Pgg |
| | | localtree2 | | | |
| 27 | | (TCV_tmp := TCV_tmp * TCV_bs_pa_mfrms) | | | |
| 28 | | (TCV_Pgg := INT_TO_BIT((((OC_BCDtoInt(imsi, 3)) MOD(TCV_bs_cc_chans * TCV_tmp)) MOD TCV_tmp), 8), TCV_Ccchg := ((((OC_BCDtoInt(imsi, 3)) MOD(TCV_bs_cc_chans * TCV_tmp)) / TCV_tmp)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | CCEstablishMO_SDCCH4(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | Establish a MO SDCCH/4 connection. This is used in CC testing | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq(ChRequest_1 9) | | 1. |
| 2 | | LIDL_UdatRqImm | ImmAss(TCV_agch, ImmAsgn_01Def(TCV _Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta)) | | |
| Detailed Comments: | | 1. To assign a SDCCH/4. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-------------------------|---|-------------------------------|
| Test Step Name: | | CCEstablishMO_TCH(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | Establish a MO TCH/F or TCH/H connection. This is used in CC testing | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The calling tree shall prepare one variable for the step: TCV_ChRate for the type of the channel. TCV_chTch contains the identifier for the traffic channel and TCV_cht the channel type. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq(ChRequest_1 9) | | To match ChReq retrans. 1. |
| 2 | | ACTIVATE(OtherEvents_02) | | | |
| 3 | | +CImmAssignTCH(actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| Detailed Comments: | | 1. To assign TCH/F or TCH/H. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|-------------------------------|
| Test Step Name: | | CCEstablishMT_SDCCH4(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | Establish a MT SDCCH/4 connection. This is used in CC testing | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCPage | | | To match ChReq retrans. 1. |
| 2 | | ACTIVATE(OtherEvents_02) | | | |
| 3 | | LIDL_UdatRqImm | ImmAss(TCV_agch, ImmAsgn_01Def(TCV _Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta)) | | |
| 4 | | L?DL_EstInPgRes | PagingRes(PagingRe s_03) | | Restore Normal default |
| 5 | | ACTIVATE(OtherEvents) | | | |
| Detailed Comments: | | 1. To assign a SDCCH/4. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-------------------------|---|----------------------------|
| Test Step Name: | | CCEstablishMT_TCH(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | Establish a MT TCH/F or TCH/H connection. This is used in CC testing | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The calling tree shall prepare one variable for the step: TCV_ChRate for the type of the channel. TCV_chTch contains the identifier for the traffic channel and TCV_cht the channel type. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCPage | | | To match ChReq retrans. 1. |
| 2 | | ACTIVATE(OtherEvents_02) | | | |
| 3 | | +CCImmAssignTCH(actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 4 | | L?DL_EstInPgRes | PagingRes(PagingRes_01) | | |
| 5 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| Detailed Comments: | | 1. To assign TCH/F or TCH/H. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--------------------|---|----------|
| Test Step Name: | | CC_EstMsTermCall | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To perform the CC message exchange to establish a mobile station terminating call with non hopping channel (speech or data call). (Similar to EstMsTermFullRateCallNonFH but without initial RRmtcallprepare) | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used var's: TCV_cellid, TCV_chdescr_arfcn, TCV_Bcap1, TCV_ch | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqSetup | SetupRq_20(TCV_ch) | | 1) |
| 2 | | L?DL_DatInCallCo | CallCfm_20 | | |
| 3 | | L?DL_DatInConn | ConnRcv_01 | | |
| 4 | | +localtree | | | |
| 5 | | L?DL_DatInAlert | AlertRcv_01 | | |
| 6 | | (TCV_Null := OO_HookOff()) | | | |
| 7 | | L?DL_DatInConn | ConnRcv_01 | | |
| 8 | | +localtree | | | |
| 9 | | localtree (TCV_AssCmd := AsgnCmd_21(TCV_asscmd_ts, TCV_chdescr_arfcn)) | | | |
| 10 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | |
| 11 | | L!DL_DatRqConnAck | ConnAck_20(TCV_ch) | | |
| Detailed Comments: | | 1. If the MS supports the bearer capabilities, which are give in Setup message, it has to accept them. Therefor, they are no bearer capabilities expected in Call Confirm message. 2. TCH/F with non hopping in selected cell. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Step Name: | | CCImmAssignTCH(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | Send immediate assign command TCH/H or TCH/F depending on TCV_ChRate. This is used in CC testing. | | | |
| Default: | | OtherEvents_02 | | | |
| Comments: | | The calling tree shall prepare three variables for the step: TCV_ChRate for the type of the channel, TCV_Rr with the request reference from the channel request and TCV_Fn with the frame number of the channel request. TCV_chTch contains the identifier for the traffic channel and TCV_chtype the channel type. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TCV_ChRate = C_Full] | | | 1. |
| 2 | | +FullRateCh_A_1_nociph(acttype, slot, tsc, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, ta, babr, cch_con, bpm) | | | |
| 3 | | (TCV_chtype := '00001'B) | | | |
| 4 | | +localtree | | | |
| 5 | | [TCV_ChRate = C_Half] | | | 2. |
| 6 | | +HalfRateCh_A_1_nociph(TSPX_TCHHSubDef, acttype, slot, tsc, ChMod_sign, FreqTCHa_rg, FreqTCHa_rd, ta, babr, cch_con, bpm) | | | |
| 7 | | [TSPX_TCHHSubDef = '0'B] | | | |
| 8 | | (TCV_chtype := '00010'B) | | | |
| 9 | | +localtree | | | |
| 10 | | [TSPX_TCHHSubDef = '1'B] | | | |
| 11 | | (TCV_chtype := '00011'B) | | | |
| 12 | | +localtree | | | |
| 13 | | localtree L!DL_UdatRqImm | ImmAss(C_AGCH_A_1, ImmAsgn_TCH(TCV_Rr, TCV_Fn, TCV_chtype, slot, tsc, ta)) | | 3. |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | CCModifyTCH(slot :SN; tsc:TSC) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | Send channel mode modify command and wait for successful completion. This is used for CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The calling tree shall prepare two variables for the step: TCV_chtype for the type of the channel, TCV_ChMod with the channel mode IE for the channel. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OM_ChMdModi(TCV_chTch, TCV_ChMod)) | | | |
| 2 | | L!DL_DatRqChmmo | ChmmoReqSnd(TCV_chTch, ChmomoReq_07(TCV_chtype, TCV_ChMod.mode, slot, tsc)) | | |
| 3 | | L?DL_DatInChmmoAck | ChmmoAckRcv(TCV_chTch, ChmomoAck_08(TCV_chtype, TCV_ChMod.mode, slot, tsc)) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|----------|
| Test Step Name: | | CCPage | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | Send paging request and wait for channel request. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_Rr contains the request reference and TCV_Fn contains the frame number of the channel request. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 2 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 3 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq(ChRequest_01) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|----------------------|---|----------|
| Test Step Name: | | CCstatuschk_01(ch: LOGICCH; st:CCSTATE) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To check whether the MS under test is in the CC state `st` and cause = #30. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | if the cause value is #30 and the CC state value is `st`, the preliminary verdict is pass. This is used in the case of transaction initiated by test system, the DCCH is `ch`. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqCcstEnq | CCStEq_01(TI_02, ch) | | |
| 2 | | L?DL_DatInCcst | CCSt_14(TI_01, st) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|--|------|----------|
| Test Step Name: | | CCstatuschk_02(ch: LOGICCH; st:CCSTATE; ti_orig, ti_dest: TI) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To check whether the MS under test is in the CC state `st` and cause = #30. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | if the cause value is #30 and the CC state value is `st`, the preliminary verdict is pass. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqCcstEnq | CCStatusEnqSnd(ch, CCStatusEq_01(ti_orig)) | | |
| 2 | | L?DL_DatInCcst (TCV_Cau := DL_DatInCcst.msg.cau, TCV_CCst := DL_DatInCcst.msg.cst) | CCStatusRcv(CCStatus_01(ti_dest)) | | |
| 3 | | [(TCV_Cau.cau_class = '001'B) AND (TCV_Cau.cau_va = '1110'B)] | | | |
| 4 | | [TCV_CCst.csv = INT_TO_BIT(st, 6)] | | | 1. |
| 5 | | [TCV_CCst.csv <> INT_TO_BIT(st, 6)] | | (I) | 2. |
| 6 | | +PostLinkRelEnd(ch) | | | |
| 7 | | [(TCV_Cau.cau_class <> '001'B) OR(TCV_Cau.cau_va<> '1110'B)] | | (I) | 3. |
| 8 | | +PostLinkRelEnd(ch) | | | |
| Detailed Comments: | | | | | |
| 1. Now in CC state 'st' and cause = #30. | | | | | |
| 2. Not in CC state 'st'. | | | | | |
| 3. Cause is not #30. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-----------------------|-----|----------|
| Test Step Name: | | CCstatuschk_03(st:CCSTATE; Ti:Ti) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To check whether the MS under test is in the CC state `st` and cause = #30. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | if the cause value is #30 and the CC state value is `st`, the preliminary verdict is pass. This is used in the case of DCCH = SDCCH4 and transcaction initiated by the MS. The calling tree shall prepare the variable for the step: TCV_ch. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_TI1 := Ti, TCV_TI1.ti_f := '0'B) | | | |
| 2 | | L!DL_DatRqCcstEnq | CCStEq_01(Ti, TCV_ch) | | |
| 3 | | L?DL_DatInCcst | CCSt_14(TCV_TI1, st) | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|-----|----------|
| Test Step Name: | | CCstatuschk_05(st:CCSTATE; ti:Ti; ch: LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To check whether the MS under test is in the CC state `st` and cause = #30. | | | |
| Default: | | OtherEventsFail | | | |
| Comments: | | if the cause value is #30 and the CC state value is `st`, the preliminary verdict is pass. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_TI1.ti_v := ti.ti_v) | | | |
| 2 | | [ti.ti_f = '0'B] | | | |
| 3 | | (TCV_TI1.ti_f := '1'B) | | | |
| 4 | | +localtree | | | |
| 5 | | [ti.ti_f = '1'B] | | | |
| 6 | | (TCV_TI1.ti_f := '0'B) | | | |
| 7 | | +localtree | | | |
| | | localtree | | | |
| 8 | | L!DL_DatRqCcstEnq | CCStatusEnqSnd(ch, CCStatusEq_01(ti)) | | |
| 9 | | L?DL_DatInCcst | CCStatusRcv(CCStat us_14(TCV_TI1, st)) | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|-----|----------|
| Test Step Name: | | CheckTlInStateU0(mo: BOOLEAN; ch: LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | Check that all MO or MT CC entities in the MS are in state U0. This is used in CC testing. | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [mo] | | | |
| 2 | | (TCV_TI1.ti_f := '1'B, TCV_TI2.ti_f := '0'B) | | | |
| 3 | | +localtree1 | | | |
| 4 | | [NOT mo] | | | |
| 5 | | (TCV_TI1.ti_f := '0'B, TCV_TI2.ti_f := '1'B) | | | |
| 6 | | +localtree1 | | | |
| | | localtree1 | | | |
| 7 | | (TCV_Cnt := 0) | | | |
| 8 | | REPEAT localtree2 UNTIL [TCV_Cnt = 7] | | | |
| | | localtree2 | | | |
| 9 | | (TCV_TI1.ti_v := INT_TO_BIT(TCV_Cnt, 3), TCV_TI2.ti_v := INT_TO_BIT(TCV_Cnt, 3)) | | | |
| 10 | | L!DL_DatRqCstEnq | CCStatusEnqSnd(ch, CCStatusEq_01(TCV _TI1)) | | |
| 11 | | L?DL_DatInRelCmp | RelComRcv(Release Cmp_01(TCV_TI2)) | (P) | 2. |
| 12 | | (TCV_Cnt := TCV_Cnt + 1) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------|-----|----------|
| Test Step Name: | | Cipherring_off(ch: LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | OtherEventsFail | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OM_CphMdChg(TCV_ch, CphMod_02, TCV_CphKey)) | | | |
| 2 | | L!DL_DatRqCphmCmd | CphCmd_02(ch) | | |
| 3 | | L?DL_DatInCphmCom | CphCmp_01 | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--------------------------------|---------------|-----|----------|
| Test Step Name: | | Cipherring_off2(ch: LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | OtherEventsFail | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqCphmCmd | CphCmd_02(ch) | | |
| 2 | | L?DL_DatInCphmCom | CphCmp_01 | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---------------------------|-----|----------|
| Test Step Name: | | Ciphering_on(ch: LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | Send cipher command and wait for successful completion | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OM_CphMdChg(ch, CphMod_01, TCV_CphKey)) | | | |
| 2 | | L!DL_DatRqCphmCmd | CphCmd(ch, CphModeCmd_01) | | |
| 3 | | L?DL_DatInCphmCom | CphCom(CphModeCmp_01) | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|------------------------------|-----|----------|
| Test Step Name: | | CMsrvcRq | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_DatInCmsRq | CmserDatReq_01 | | 1) |
| 2 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_ch) | | |
| 3 | | L?DL_DatInSetup (TCV_Mt := DL_DatInSetup.msg.mt) | SetupIn_01 | (P) | 2) |
| 4 | | L?DL_DatInRegister | Register_03(RegisterPdu_01) | (P) | 2) |
| 5 | | L?DL_DatInCpData | DatInCpData(CpDataPdu_any) | (P) | 2) |
| Detailed Comments: | | | | | |
| 1) MS shall send a CM Service Request. | | | | | |
| 2) Any initial CM message is to expect. | | | | | |
| This test step is called in TC_26_7_4_3_4 & TC_26_7_5_8_2 | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|------|---|----------|
| Test Step Name: | | Compute_ti | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_ti_dest.ti_v := TCV_ti_v, TCV_ti_dest.ti_f := '1'B) | | | 1. |
| 2 | | (TCV_ti_orig.ti_f := '0'B, TCV_ti_orig.ti_v := TCV_ti_v) | | | 2. |
| Detailed Comments: | | | | | |
| 1. (TCV_ti_dest := TCV_ti_v AND '1111'B) | | | | | |
| 2. (TCV_ti_orig := TCV_ti_v AND '0111'B) | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---------------------------------------|---|----------|
| Test Step Name: | | DTMFSignalling(n: INTEGER; ti_ms: TI; ti_ss: TI; ch: LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Cnt:=0) | | | |
| 2 | | REPEAT localtree UNTIL [TCV_Cnt=n] | | | |
| | | localtree | | | |
| 3 | | L?DL_DatInStartDtmf(TCV_Char := DL_DatInStartDtmf.msg.kpf.kpf_info) | StartDTMF_02(ti_ms) | | |
| 4 | | L!DL_DatRqStartDtmfAck | StartDTMFack_01(ti_ ss, TCV_Char, ch) | | |
| 5 | | L?DL_DatInStopDtmf | StopDTMF_01(ti_ms) | | |
| 6 | | L!DL_DatRqStopDtmfAck | StopDTMFack_01(ti_ ss, ch) | | |
| 7 | | (TCV_Cnt:=TCV_Cnt+1) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Step Name: | | IdentityRequest(par_int:INTEGER; par_mi:MI) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ltree_idrequest | | | |
| 2 | | L?DL_DatInIdRes | IDRes_30(par_mi) | (P) | |
| | | ltree_idrequest | | | |
| 3 | | [par_int=C_IMSI] | | | |
| 4 | | L!DL_DatRqIdRq | IDReq(TCV_ch, IDRequest_01('0001' B)) | | IMSI. |
| 5 | | [par_int=C_TMSI] | | | |
| 6 | | L!DL_DatRqIdRq | IDReq(TCV_ch, IDRequest_01('0100' B)) | | TMSI. |
| 7 | | [par_int=C_IMEI] | | | |
| 8 | | L!DL_DatRqIdRq | IDReq(TCV_ch, IDRequest_01('0010' B)) | | IMEI. |
| 9 | | [par_int=C_IMEISV] | | | |
| 10 | | L!DL_DatRqIdRq | IDReq(TCV_ch, IDRequest_01('0011' B)) | | IMSESV. |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | | |
|-----------------------------|-------|---|--|-----|---------------------------------------|----------------------|
| Test Step Name: | | ImsiAttach(par_mi:MI; ta:TA; mnc:OCTETSTRING; sim_rmvd:BOOLEAN) | | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | | |
| Objective: | | | | | | |
| Default: | | OtherEventsFail | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments | |
| 1 | | [(sim_rmvd = TRUE) AND (TSPC_SIMRmv = TRUE) AND (TSPC_DetachOnSIMRmv=TRUE)] | | | SIM has been removed during the test. | |
| 2 | | (TCV_Null := OO_SIMIns()) | | | | |
| 3 | | +ltree_imsiattach | | | | |
| 4 | | [TSPC_SwitchOnOff =TRUE] | | | | |
| 5 | | (TCV_Null := OO_SwitchOn()) | | | | |
| 6 | | +ltree_imsiattach | | | | |
| 7 | | [TSPC_DetachOnPwrDn=TRUE] | | | | |
| 8 | | (TCV_Null := OO_PowerUp()) | | | | Restore power source |
| 9 | | +ltree_imsiattach | | | | |
| 10 | | [(((sim_rmvd = FALSE) OR (TSPC_SIMRmv = FALSE) OR (TSPC_DetachOnSIMRmv = FALSE)) AND (TSPC_SwitchOnOff =FALSE) AND (TSPC_DetachOnPwrDn = FALSE))] | | | | Restore power source |
| 11 | | (TCV_Null := OO_PowerUp()) | | | | |
| | | ltree_imsiattach | | | | |
| 12 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_09 | | To match ChReq retrans. | |
| 13 | | ACTIVATE(OtherEventsFail_02) | | | | |
| 14 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | | |
| 15 | | L?DL_EstInLupRq | LocUp_31(par_mi, TCV_ch, mnc, TCV_lac, C_imsi_attach, TCV_cks) | (P) | | |
| 16 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default | |
| 17 | | L!DL_DatRqLupAcp | LocAcp(TCV_ch, mnc, TCV_lac) | | No MI | |
| 18 | | +ChanRel(TCV_ch) | | | | |
| Detailed Comments: | | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|--|
| Test Step Name: | | ImsiAttachIni(par_mi:MI; ta:TA; mnc:OCTETSTRING; sim_rmvd:BOOLEAN) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [(sim_rmvd = TRUE) AND (TSPC_SIMRmv = TRUE) AND (TSPC_DetachOnSIMRmv=TRUE)] | | | SIM has been removed during the test. Restore power source Restore power source To match ChReq retrans. Restore Normal default |
| 2 | | (TCV_Null := OO_SIMIns()) | | | |
| 3 | | +ltree_imsiattachIni | | | |
| 4 | | [TSPC_SwitchOnOff =TRUE] | | | |
| 5 | | (TCV_Null := OO_SwitchOn()) | | | |
| 6 | | +ltree_imsiattachIni | | | |
| 7 | | [TSPC_DetachOnPwrDn=TRUE] | | | |
| 8 | | (TCV_Null := OO_PowerUp()) | | | |
| 9 | | +ltree_imsiattachIni | | | |
| 10 | | [[[(sim_rmvd = FALSE) OR (TSPC_SIMRmv = FALSE) OR (TSPC_DetachOnSIMRmv = FALSE)] AND (TSPC_SwitchOnOff =FALSE) AND (TSPC_DetachOnPwrDn = FALSE)]] | | | |
| 11 | | (TCV_Null := OO_PowerUp()) | | | |
| 12 | | ltree_imsiattachIni L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) START T_dly(15000) | ChReq_09 | | |
| 13 | | ACTIVATE(OtherEventsFail_02) | | | |
| 14 | | LIDL_UdatRqImmss | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 15 | | L?DL_EstInLupRq | LocUp_31(par_mi, TCV_ch, mnc, TCV_lac, C_imsi_attach, TCV_cksn) | (P) | |
| 16 | | ACTIVATE(OtherEventsFail) | | | |
| Detailed Comments: | | The test step is called in TC_26_7_5_8_1, TC_26_7_5_8_2, TC_26_7_5_8_3. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|---|
| Test Step Name: | | ImsiAttachNoReaction(par_int: INTEGER; sim_rmvd:BOOLEAN) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [(sim_rmvd = TRUE) AND (TSPC_SIMRmv = TRUE) AND (TSPC_DetachOnSIMRmv=TRUE)] | | | SIM has been removed during the test. Restore power source Restore power source |
| 2 | | (TCV_Null := OO_SIMIns()) | | | |
| 3 | | +NoReaction(par_int) | | | |
| 4 | | [TSPC_SwitchOnOff =TRUE] | | | |
| 5 | | (TCV_Null := OO_SwitchOn()) | | | |
| 6 | | +NoReaction(par_int) | | | |
| 7 | | [TSPC_DetachOnPwrDn=TRUE] | | | |
| 8 | | (TCV_Null := OO_PowerUp()) | | | |
| 9 | | +NoReaction(par_int) | | | |
| 10 | | [[[(sim_rmvd = FALSE) OR (TSPC_SIMRmv = FALSE) OR ((TSPC_SIMRmv = TRUE) AND (TSPC_DetachOnSIMRmv = FALSE))] AND (TSPC_SwitchOnOff =FALSE) AND (TSPC_DetachOnPwrDn = FALSE)]] | | | |
| 11 | | (TCV_Null := OO_PowerUp()) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | | |
|-----------------------------|-------|--|---|-----|--------------------------|---------------------|
| Test Step Name: | | ImsiDetach(par_mi:MI; ta:TA; sim_rmvd:BOOLEAN) | | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | | |
| Objective: | | OtherEventsFail | | | | |
| Default: | | OtherEventsFail | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments | |
| 1 | | [(sim_rmvd = TRUE) AND (TSPC_SIMRmv = TRUE) AND (TSPC_DetachOnSIMRmv=TRUE)] | | | SIM needs to be removed. | |
| 2 | | (TCV_Null :=OO_SIMRmv()) | | | | |
| 3 | | +ltree_imsidetach | | | | |
| 4 | | [TSPC_SwitchOnOff =TRUE] | | | | |
| 5 | | (TCV_Null := OO_SwitchOff()) | | | | |
| 6 | | +ltree_imsidetach | | | | |
| 7 | | [TSPC_DetachOnPwrDn=TRUE] | | | | |
| 8 | | (TCV_Null := OO_PowerDown()) | | | | Remove power source |
| 9 | | +ltree_imsidetach | | | | |
| 10 | | (((sim_rmvd = FALSE) OR (TSPC_SIMRmv = FALSE) OR (TSPC_DetachOnSIMRmv = FALSE)) AND (TSPC_SwitchOnOff =FALSE) AND (TSPC_DetachOnPwrDn = FALSE))] | | | | Remove power source |
| 11 | | (TCV_Null := OO_PowerDown()) | | | | |
| 12 | | ltree_imsidetach L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | To match ChReq retrans. | |
| 13 | | ACTIVATE(OtherEventsFail_02) | | | | |
| 14 | | LIDL_UdatRqImmass | ImmAss_01Def(TCV_agch, TCV_Rr,TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | | |
| 15 | | L?DL_EstInImsidIn | ImsiDet_30(par_mi) | (P) | | |
| 16 | | ACTIVATE(OtherEventsFail) | | | Restore normal default | |
| 17 | | +ChanRel(TCV_ch) | | | | |
| Detailed Comments: | | If IMSI detach procedure has been executed, the channel will be released. If ATT=0 no detach has been executed, the channel is still connected. | | | | |

| Test Step Dynamic Behaviour | | | | | | |
|-----------------------------|-------|---|------|---|--------------------------|---------------------|
| Test Step Name: | | ImsiDetachNoReaction(par_int: INTEGER; sim_rmvd:BOOLEAN) | | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | | |
| Objective: | | OtherEventsFail | | | | |
| Default: | | OtherEventsFail | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments | |
| 1 | | [(sim_rmvd = TRUE) AND (TSPC_SIMRmv = TRUE) AND (TSPC_DetachOnSIMRmv=TRUE)] | | | SIM needs to be removed. | |
| 2 | | (TCV_Null :=OO_SIMRmv()) | | | | |
| 3 | | +NoReaction(par_int) | | | | |
| 4 | | [TSPC_SwitchOnOff =TRUE] | | | | |
| 5 | | (TCV_Null := OO_SwitchOff()) | | | | |
| 6 | | +NoReaction(par_int) | | | | |
| 7 | | [TSPC_DetachOnPwrDn=TRUE] | | | | |
| 8 | | (TCV_Null := OO_PowerDown()) | | | | Remove power source |
| 9 | | +NoReaction(par_int) | | | | |
| 10 | | (((sim_rmvd = FALSE) OR (TSPC_SIMRmv = FALSE) OR ((TSPC_SIMRmv = TRUE) AND (TSPC_DetachOnSIMRmv = FALSE))) AND (TSPC_SwitchOnOff =FALSE) AND (TSPC_DetachOnPwrDn = FALSE))] | | | | Remove power source |
| 11 | | (TCV_Null := OO_PowerDown()) | | | | |
| Detailed Comments: | | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------|---|----------|
| Test Step Name: InCallModi1(srv:MOSEVICES) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: MMI action to initiate in-call modification to the basic service specified. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: TCV_Setup_mo, TCV_CallProc have been initialized by the calling tree. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Res := OO_InCallModi(srv), TCV_Bcap2 := OC_Bcap(TCV_Setup_mo, TCV_CallProc, 2), TCV_Bcap1 := OC_Bcap(TCV_Setup_mo, TCV_CallProc, 1)) | | | 1. |
| Detailed Comments: 1. MMI action to initiate in-call modification. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|-------------------------------------|------|---|----------|
| Test Step Name: LowerLayerFailure(ch:LOGICCH) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: To force the lower layer failure. | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OM_LowerLayerFail(ch)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|--|-----|-------------------------|
| Test Step Name: MM_LUP(newmi:MI; lac:OCTETSTRING; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_09 | | To match ChReq retrans. |
| 2 | | ACTIVATE(OtherEventsFail_02) | | | |
| 3 | | LIDL_UdatRqImmss | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 4 | | L?DL_EstInLupRq | LocUp_06(TCV_ch) | | Restore Normal default |
| 5 | | ACTIVATE(OtherEventsFail) | | | |
| 6 | | L!DL_DatRqLupAcp | LocAcp_30(newmi, TCV_ch, lac) | | |
| 7 | | L?DL_DatInTmsireCom | TmsiReallocCmp_02(TCV_ch) | (P) | |
| 8 | | +ChanRel(TCV_ch) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|----------------------------------|-----|----------|
| Test Step Name: | | MM_LUP2(newmi:MI; lup_mi:MI; oldlac, newlac:OCTETSTRING; cksn:BITSTRING; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +MM_LupInit(lup_mi, oldlac, C_normal_updating, cksn, ta) | | | |
| 2 | | L!DL_DatRqLupAcp | LocAcp_30(newmi, TCV_ch, newlac) | | |
| 3 | | L?DL_DatInTmsireCom | TmsiReallocCmp_02(TCV_ch) | (P) | |
| 4 | | +ChanRel(TCV_ch) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---------------------------------------|--------------------------|-----|------------|
| Test Step Name: | | MM_LUP3(mnc, lac: OCTETSTRING; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +MM_LupInit2(C_normal_updating, ta) | | | |
| 2 | | L!DL_DatRqLupAcp | LocAcp(TCV_ch, mnc, lac) | (P) | without MI |
| 3 | | +ChanRel(TCV_ch) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------|-----|----------|
| Test Step Name: | | MM_LUPauth1(newtmsi: MI; lac:OCTETSTRING; cksn: BITSTRING; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +MM_LupInit2(C_imsi_attach, ta) | | | |
| 2 | | +Authentication(TCV_ch, cksn) | | | |
| 3 | | L!DL_DatRqLupAcp | LocAcp_30(newtmsi, TCV_ch, lac) | | |
| 4 | | L?DL_DatInTmsireCom | TmsiReallocCmp_02(TCV_ch) | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-------------------------------------|-----|----------|
| Test Step Name: | | MM_LUPauth2(newtmsi: MI; lup_mi:MI; old_lac, new_lac:OCTETSTRING; locup:B_2; old_cksn, new_cksn: BITSTRING; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +MM_LupInit(lup_mi, old_lac, locup, old_cksn, ta) | | | |
| 2 | | +Authentication(TCV_ch, new_cksn) | | | |
| 3 | | L!DL_DatRqLupAcp | LocAcp_30(newtmsi, TCV_ch, new_lac) | | |
| 4 | | L?DL_DatInTmsireCom | TmsiReallocCmp_02(TCV_ch) | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|-------------------------------|-----|----------|
| Test Step Name: MM_LUP_imsi(newmi:MI; lup_mi:MI; lac:OCTETSTRING; locup:B_2; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +MM_LupInit(lup_mi, lac, locup, TCV_cks, ta) | | | |
| 2 | | L!DL_DatRqLupAcp | LocAcp_30(newmi, TCV_ch, lac) | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|--|-----|-------------------------|
| Test Step Name: MM_LUP_imsi1(lup_mi:MI; lac:OCTETSTRING; newlac:OCTETSTRING; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_dly(6000) | | | |
| 2 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn1 := DL_RaInChRq.fn) READTIMER T_dly(TCV_Time), CANCEL T_dly | ChReq_09 | | |
| 3 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 4 | | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 5 | | L?DL_EstInLupRq | LocUp_30(lup_mi, TCV_ch, lac, C_normal_updating, TCV_cks) | | |
| 6 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 7 | | L!DL_DatRqLupAcp | LocAcp_32(TCV_ch, newlac) | (P) | |
| 8 | | [TCV_Time <= 5000] | | (P) | 1) |
| 9 | | [TCV_Time > 5000] | | (F) | 4+0s to 4+5 s |
| 10 | | ?TIMEOUT T_dly | | (F) | |
| Detailed Comments: 1) The time difference between the channel request in the test step and the last channel request in the ltree_ra of TC_26_7_4_3_1 shall be in the range of 4-9 seconds. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|--|-----|-------------------------|
| Test Step Name: MM_LupInit(par_mi:MI; lac:OCTETSTRING; locup:B_2; cksn:BITSTRING; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_09 | | |
| 2 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 3 | | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 4 | | L?DL_EstInLupRq | LocUp_30(par_mi, TCV_ch, lac, locup, cksn) | (P) | |
| 5 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|--|---|-------------------------|
| Test Step Name: MM_LuplNit2(locup:B_2; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_09 | | To match ChReq retrans. |
| 2 | | ACTIVATE(OtherEventsFail_02) | | | |
| 3 | | LIDL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 4 | | L?DL_EstInLupRq | LocUp_01(TCV_ch, locup) | | |
| 5 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|--|-----|-------------------------|
| Test Step Name: MM_LuplNit3(par_mi:MI; lac:OCTETSTRING; locup:B_2; cksn:BITSTRING; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) CANCEL T_dly | ChReq_09 | | To match ChReq retrans. |
| 2 | | ACTIVATE(OtherEventsFail_02) | | | |
| 3 | | LIDL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 4 | | L?DL_EstInLupRq | LocUp_30(par_mi, TCV_ch, lac, locup, cksn) | (P) | |
| 5 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|--|---|-------------------------|
| Test Step Name: MM_LuplNit4(locup:B_2; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) CANCEL T_dly | ChReq_09 | | To match ChReq retrans. |
| 2 | | ACTIVATE(OtherEventsFail_02) | | | |
| 3 | | LIDL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 4 | | L?DL_EstInLupRq | LocUp_01(TCV_ch, locup) | | |
| 5 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------------------------|---|----------|
| Test Step Name: MM_LUP_tmsirealloc(newtmsi:MI; expectedlup_mi:MI; lup_lac: OCTETSTRING; lac: OCTETSTRING; lup_cks: BITSTRING; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +MM_LupInit(expectedlup_mi, lup_lac, C_normal_updating, lup_cks, ta) | | | |
| 2 | | +TmsiReallocation(newtmsi, lac) | | | |
| 3 | | LIDL_DatRqLupAcp | LocAcp_32(TCV_ch, lac) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|-------------------------------|-----|----------|
| Test Step Name: MM_LUPper(lac: OCTETSTRING; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_dly(C_T_T3212min) | | | |
| 2 | | ?TIMEOUT T_dly | | (P) | |
| 3 | | START T_dly(C_T_T3212dif*2) | | | |
| 4 | | +MM_LupInit4(C_periodic_updating, ta) | | | |
| 5 | | LIDL_DatRqLupAcp | LocAcp(TCV_ch, C_PLMN_2, lac) | (P) | no MI |
| 6 | | ?TIMEOUT T_dly | | (F) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|--------------------------|-----|------------------------------------|
| Test Step Name: MM_LUPper2(par_timetol:INTEGER; mnc, lac:OCTETSTRING; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_dly(par_timetol) | | | |
| 2 | | +MM_LupInit4(C_periodic_updating, ta) | | | |
| 3 | | LIDL_DatRqLupAcp | LocAcp(TCV_ch, mnc, lac) | (P) | no MI, fop; LocAreaId(mnc, lac) |
| 4 | | ?TIMEOUT T_dly | | (F) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-----------------------------------|-----|----------|
| Test Step Name: | | MM_LUPperauth(oldmi, newmi: MI; oldlac, newlac:OCTETSTRING; locup:B_2; cksn: BITSTRING; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_dly(C_T_T3212min) | | | |
| 2 | | ?TIMEOUT T_dly | | (P) | |
| 3 | | START T_dly(C_T_T3212dif*2) | | | |
| 4 | | +MM_LupInit3(oldmi, oldlac, locup, cksn, ta) | | | |
| 5 | | +Authentication(TCV_ch, TCV_ksn) | | | |
| 6 | | L!DL_DatRqLupAcp | LocAcp_30(newmi, TCV_ch, newlac) | | |
| 7 | | ?TIMEOUT T_dly | | (F) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|----------------------------|-----|----------|
| Test Step Name: | | MM_LUPperrej(par_rej:REJCAU; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_dly(C_T_T3212min) | | | |
| 2 | | ?TIMEOUT T_dly | | (P) | |
| 3 | | START T_dly(C_T_T3212dif*2) | | | |
| 4 | | +MM_LupInit4(C_periodic Updating, ta) | | | |
| 5 | | L!DL_DatRqLupRej | LocRej_01(par_rej, TCV_ch) | (P) | |
| 6 | | +ChanRel(TCV_ch) | | | |
| 7 | | ?TIMEOUT T_dly | | (F) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|----------------------------|-----|----------|
| Test Step Name: | | MM_LUPperrej2(par_rej:REJCAU; par_mi:MI; par_toleranz: INTEGER; lac: OCTETSTRING; cksn: BITSTRING; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_dly(par_toleranz) | | | |
| 2 | | +MM_LupInit3(par_mi, lac, C_periodic Updating, cksn, ta) | | | |
| 3 | | L!DL_DatRqLupRej | LocRej_01(par_rej, TCV_ch) | (P) | |
| 4 | | +ChanRel(TCV_ch) | | | |
| 5 | | ?TIMEOUT T_dly | | (F) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|-----|----------|
| Test Step Name: | | MM_LUPperrej3(par_mi:MI;par_toleranz:INTEGER; lac:OCTETSTRING; cksn:BITSTRING; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_dly(par_toleranz) | | | |
| 2 | | +MM_Luplnit3(par_mi, lac, C_periodic_updating, cksn, ta) | | | |
| 3 | | +ChanRel(TCV_ch) | | | |
| 4 | | ?TIMEOUT T_dly | | (F) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--------------------------------------|----------------------------|-----|----------|
| Test Step Name: | | MM_LupRej(par_rej: REJCAU; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +MM_Luplnit2(C_normal_updating, ta) | | | |
| 2 | | L!DL_DatRqLupRej | LocRej_01(par_rej, TCV_ch) | (P) | |
| 3 | | +ChanRel(TCV_ch) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|----------------------------|-----|----------|
| Test Step Name: | | MM_LupRej2(par_rej: REJCAU; par_mi:MI; lac:OCTETSTRING; locup:B_2; cksn:BITSTRING; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +MM_Luplnit(par_mi, lac, locup, cksn, ta) | | | |
| 2 | | L!DL_DatRqLupRej | LocRej_01(par_rej, TCV_ch) | (P) | |
| 3 | | +ChanRel(TCV_ch) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|--------------------------|
| Test Step Name: | | MM_PwrOrSimOff(sim_rmvd:BOOLEAN) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [(sim_rmvd = TRUE) AND (TSPC_SIMRmv = TRUE)] | | | SIM needs to be removed. |
| 2 | | (TCV_Null :=OO_SIMRmv()) | | | |
| 3 | | [TSPC_SwitchOnOff =TRUE] | | | |
| 4 | | (TCV_Null := OO_SwitchOff()) | | | |
| 5 | | [[[(sim_rmvd = FALSE) OR (TSPC_SIMRmv = FALSE)] AND (TSPC_SwitchOnOff = FALSE)]] | | | |
| 6 | | (TCV_Null := OO_PowerDown()) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------------------|
| Test Step Name: | | MM_PwrOrSimOn(sim_rmvd:BOOLEAN) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [(sim_rmvd = TRUE) AND (TSPC_SIMRmv = TRUE)] | | | SIM has been removed |
| 2 | | (TCV_Null := OO_SIMIns()) | | | |
| 3 | | [TSPC_SwitchOnOff = TRUE] | | | |
| 4 | | (TCV_Null := OO_SwitchOn()) | | | |
| 5 | | [(((sim_rmvd = FALSE) OR (TSPC_SIMRmv = FALSE)) AND (TSPC_SwitchOnOff = FALSE))] | | | |
| 6 | | (TCV_Null := OO_PowerUp()) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|-------------------------|
| Test Step Name: | | MM_check_ecall1(ta:TA; mi:MI) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_FullRateSpeech OR TSPC_HalfRateSpeech] | | | To match ChReq retrans. |
| 2 | | +AttmpEmgCall | | | |
| 3 | | +BasicServiceMO(C_EmgCallSRV, TSPX_MO_rate_EmergencyCall) | | | |
| 4 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq, msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_18 | | |
| 5 | | ACTIVATE(OtherEventsFail_02) | | | |
| 6 | | L!DL_UdatRqImmss | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 7 | | L?DL_EstInCmsRq | CmsrReq_05(mi) | | |
| 8 | | ACTIVATE(OtherEventsFail) | | | |
| 9 | | L!DL_DatRqCmsAcp | CmsrAcp_01(TCV_ch) | | |
| 10 | | L?DL_DatInESetup (TCV_ti_v := DL_DatInESetup.msg.ti.v, TCV_ti_f := DL_DatInESetup.msg.ti.f) | ESetupInd_01 | | |
| 11 | | +Compute_ti | | | |
| 12 | | +ltree_check_ti_flag | | | |
| 13 | | L!DL_DatRqRelCmp | RelCmpRq_03(TCV_ti_dest, TCV_ch) | (P) | |
| 14 | | +ChanRel(TCV_ch) | | | |
| 15 | | [NOT TSPC_FullRateSpeech AND NOT TSPC_HalfRateSpeech] | | | |
| 16 | | ltree_check_ti_flag [TCV_ti_f = '1'B] | | (F) | |
| 17 | | L!DL_DatRqChRel | ChRel_20(TCV_ch) | | |
| 18 | | L?DL_Relln | DLRelInd_01 | | |
| 19 | | [TCV_ti_f = '0'B] | | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|--|-----|-------------------------|
| Test Step Name: MM_check_ecall2(parexpected_mi: MI; parexpected_cksn: BITSTRING; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_FullRateSpeech OR TSPC_HalfRateSpeech] | | | |
| 2 | | +AttmpEmgCall | | | |
| 3 | | +BasicServiceMO(C_EmgCallSRV, TSPX_MO_rate_EmergencyCall) | | | |
| 4 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_18 | | |
| 5 | | ACTIVATE(OtherEventsFail_02) | | | To match ChReq retrans. |
| 6 | | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 7 | | L?DL_EstInCmsRq | CmserReq_31(parexpected_mi, parexpected_cksn) | | |
| 8 | | ACTIVATE(OtherEventsFail) | | | Restore Normal default |
| 9 | | L!DL_DatRqCmsAcp | CmserAcp_01(TCV_c h) | | |
| 10 | | L?DL_DatInESetup(TCV_ti_v := DL_DatInESetup.msg.ti.v, TCV_ti_f := DL_DatInESetup.msg.ti.f) | ESetupInd_01 | | |
| 11 | | +Compute_ti | | | |
| 12 | | +ltree_check_ti_flag | | | |
| 13 | | L!DL_DatRqRelCmp | RelCmpRq_03(TCV_t i_dest, TCV_ch) | (P) | |
| 14 | | +ChanRel(TCV_ch) | | | |
| 15 | | [NOT TSPC_FullRateSpeech AND NOT TSPC_HalfRateSpeech] | | (P) | |
| 16 | | ltree_check_ti_flag [TCV_ti_f = '1'B] | | (F) | |
| 17 | | L!DL_DatRqChRel | ChRel_20(TCV_ch) | | |
| 18 | | L?DL_Relln | DLRelInd_01 | | |
| 19 | | [TCV_ti_f = '0'B] | | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|------|-----|----------|
| Test Step Name: MM_no_cmsservices(par_int:INTEGER) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: | | | | | |
| Default: OtherEventsFail | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +AttmpCall | | | |
| 2 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 3 | | START T_dly(par_int) | | | |
| 4 | | ?TIMEOUT T_dly | | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|----------|
| Test Step Name: | | MM_no_paging(par_mi: MI; par_checktime:INTEGER; ccd: CCD) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCCH_group_Paging_group(ccd, TSPX_IMSI) | | | |
| 2 | | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_30(par_mi) | | |
| 3 | | START T_dly(par_checktime) | | | |
| 4 | | ?TIMEOUT T_dly | | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|-----------------------------------|---|----------|
| Test Step Name: | | RR_hocomp1(time_fn1_fn2:INTEGER; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To finish the HO-procedure. Timing advance = 20 bits period | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used var's: TCV_ch, TCV_Horf | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Cnt:=0) | | | |
| 2 | | REPEAT localtree_hoacc UNTIL [TCV_Cnt = TCV_Cntref] | | | |
| 3 | | LIDL_DatRqPhyinfo | PhyInfo_21(TCV_ch, ta) | | |
| 4 | | (TCV_Fn1:=OM_ComingFn(TCV_ch)) | | | |
| 5 | | L?DL_EstIn | DLEstInd_01 | | |
| 6 | | L?DL_DatInHoCom | HndOvCmp_20(TCV_ ch) | | |
| 7 | | (TCV_Fn:=OM_ComingFn(TCV_ch)) | | | |
| 8 | | +localtree_hotime | | | 1) |
| | | localtree_hoacc | | | |
| 9 | | L?DL_RacInHoacc | HndOvAcc_03(TCV_c h, TCV_Horf) | | |
| 10 | | (TCV_Cnt := TCV_Cnt + 1) | | | |
| | | localtree_hotime | | | |
| 11 | | (TCV_Res := OC_TimingCHK(TCV_Fn, TCV_Fn1, time_fn1_fn2, 0, 0)) | | | |
| 12 | | [TCV_Res = FALSE] | | | (F) |
| 13 | | +ChanRel(TCV_ch) | | | |
| 14 | | [TCV_Res = TRUE] | | | |
| Detailed Comments: 1) Check of HO-time | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|-------------------------------|-----|----------|
| Test Step Name: RR_hocomp2(par_int:INTEGER; ta :TA) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: To finish the HO-procedure. Timing advance = TSPX_rtimAdv_2 | | | | | |
| Default: OtherEvents | | | | | |
| Comments: used var's: TCV_ch, TCV_Horf | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Cnt:=0) | | | |
| 2 | | REPEAT localtree_hoacc UNTIL [TCV_Cnt = TCV_Cntref] | | | |
| 3 | | LIDL_DatRqPhyinfo | PhyInfo_22(TCV_ch, ta) | | |
| 4 | | (TCV_Fn1:=OM_ComingFn(TCV_ch)) | | | |
| 5 | | L?DL_EstIn | DLEstInd_01 | | |
| 6 | | L?DL_DatInHoCom | HndOvCmp_20(TCV_ch) | | |
| 7 | | (TCV_Fn:=OM_ComingFn(TCV_ch)) | | | |
| 8 | | +localtree_hotime | | 1) | |
| localtree_hoacc | | | | | |
| 9 | | L?DL_RacInHoacc | HndOvAcc_03(TCV_ch, TCV_Horf) | | |
| 10 | | (TCV_Cnt := TCV_Cnt + 1) | | | |
| localtree_hotime | | | | | |
| 11 | | (TCV_Res := OC_TimingCHK(TCV_Fn, TCV_Fn1, par_int, 0, 0)) | | | |
| 12 | | [TCV_Res = FALSE] | | (F) | |
| 13 | | +ChanRel(TCV_ch) | | | |
| 14 | | [TCV_Res = TRUE] | | | |
| Detailed Comments: 1) Check of HO-time | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|-------------------------------|-----|----------|
| Test Step Name: RR_hocomp3(time_fn1_fn2:INTEGER) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/ | | | | | |
| Objective: To finish the HO-procedure. Timing advance = 20 bits period | | | | | |
| Default: OtherEvents | | | | | |
| Comments: used var's: TCV_ch, TCV_Horf | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Cnt:=0) | | | |
| 2 | | REPEAT localtree_hoacc UNTIL [TCV_Cnt =4] | | | |
| 3 | | (TCV_Fn1:= OM_ComingFn(TCV_ch)) | | | |
| 4 | | L?DL_EstIn | DLEstInd_01 | | |
| 5 | | L?DL_DatInHoCom | HndOvCmp_20(TCV_ch) | | |
| 6 | | (TCV_Fn:= OM_ComingFn(TCV_ch)) | | | |
| 7 | | +localtree_hotime | | 1) | |
| localtree_hoacc | | | | | |
| 8 | | L?DL_RacInHoacc | HndOvAcc_03(TCV_ch, TCV_Horf) | | |
| 9 | | (TCV_Cnt := TCV_Cnt + 1) | | | |
| localtree_hotime | | | | | |
| 10 | | (TCV_Res := OC_TimingCHK(TCV_Fn, TCV_Fn1, time_fn1_fn2, 0, 0)) | | | |
| 11 | | [TCV_Res = FALSE] | | (F) | |
| 12 | | +ChanRel(TCV_ch) | | | |
| 13 | | [TCV_Res = TRUE] | | | |
| Detailed Comments: 1) Check of HO-time | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Step Name: | | RRmtcallprepare(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To prepare a mobile terminating call establishment. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 2 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 3 | | L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq. msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq_01 | | |
| 4 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 5 | | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 6 | | L?DL_EstInPgRes | PgRes_01 | | |
| 7 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 8 | | +Authentication(TCV_ch, TCV_cksn) | | | |
| 9 | | +Cipherring_on(TCV_ch) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Step Name: | | RRmtcallprepareNoAuthNoCiph(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To prepare a mobile terminating call establishment. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 2 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 3 | | L?DL_RaclnChRq (TCV_Rr := DL_RaclnChRq. msg.ecau_rrf, TCV_Fn := DL_RaclnChRq.fn) | ChReq_01 | | |
| 4 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 5 | | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 6 | | L?DL_EstInPgRes | PgRes_01 | | |
| 7 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--------------------------------|------|-----|----------|
| Test Step Name: | | NoReaction(par_int:INTEGER) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | START T_dly(par_int) | | | |
| 2 | | ?TIMEOUT T_dly | | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | SelectPagingCh(cell:CellID) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To assign a paging channel and an access grant channel to the variable TCV_PgCh and TCV_agch respectively, depending on the parameter 'cell' (cell ID) | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [cell = C_CellA] | | | |
| 2 | | [TCV_Ccchg=0] | | | |
| 3 | | (TCV_PgCh := C_PCH_A_1, TCV_agch := C_AGCH_A_1) | | | |
| 4 | | [TCV_Ccchg=1] | | | |
| 5 | | (TCV_PgCh := C_PCH_A_2, TCV_agch := C_AGCH_A_2) | | | |
| 6 | | [TCV_Ccchg=2] | | | |
| 7 | | (TCV_PgCh := C_PCH_A_3, TCV_agch := C_AGCH_A_3) | | | |
| 8 | | [TCV_Ccchg=3] | | | |
| 9 | | (TCV_PgCh := C_PCH_A_4, TCV_agch := C_AGCH_A_4) | | | |
| 10 | | [cell = C_CellB] | | | |
| 11 | | [TCV_Ccchg=0] | | | |
| 12 | | (TCV_PgCh := C_PCH_B_1, TCV_agch := C_AGCH_B_1) | | | |
| 13 | | [TCV_Ccchg=1] | | | |
| 14 | | (TCV_PgCh := C_PCH_B_2, TCV_agch := C_AGCH_B_2) | | | |
| 15 | | [TCV_Ccchg=2] | | | |
| 16 | | (TCV_PgCh := C_PCH_B_3, TCV_agch := C_AGCH_B_3) | | | |
| 17 | | [TCV_Ccchg=3] | | | |
| 18 | | (TCV_PgCh := C_PCH_B_4, TCV_agch := C_AGCH_B_4) | | | |
| 19 | | [cell = C_CellC] | | | |
| 20 | | [TCV_Ccchg=0] | | | |
| 21 | | (TCV_PgCh := C_PCH_C_1, TCV_agch := C_AGCH_C_1) | | | |
| 22 | | [TCV_Ccchg=1] | | | |
| 23 | | (TCV_PgCh := C_PCH_C_2, TCV_agch := C_AGCH_C_2) | | | |
| 24 | | [TCV_Ccchg=2] | | | |
| 25 | | (TCV_PgCh := C_PCH_C_3, TCV_agch := C_AGCH_C_3) | | | |
| 26 | | [TCV_Ccchg=3] | | | |
| 27 | | (TCV_PgCh := C_PCH_C_4, TCV_agch := C_AGCH_C_4) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------|---|----------|
| Test Step Name: | | SetupRcvMo(pdu_setup: SETUP_MO_PDU) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To manage Setup Mobile Originated. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupRcv(pdu_setup) | | |
| 2 | | (TCV_TI := TCV_Setup_mo.ti, TCV_TI0 := TCV_TI, TCV_TI.ti_f := '1'B, TCV_CallProc := OC_CallProcGen(TCV_Setup_mo,CallProced_03)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---------------------|---|----------|
| Test Step Name: | | SetupRcvMo1(pdu_setup: SETUP_MO_PDU) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To manage Setup Mobile Originated. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupRcv(pdu_setup) | | |
| 2 | | (TCV_TI := TCV_Setup_mo.ti, TCV_TI0 := TCV_TI, TCV_TI.ti_f := '1'B, TCV_CallProc := OC_CallProcGen(TCV_Setup_mo, CallProced_03)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------|---|----------|
| Test Step Name: | | SetupRcvMo2(pdu_setup: SETUP_MO_PDU) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To manage Setup Mobile Originated. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_DatInSetup (TCV_Setup_mo := DL_DatInSetup.msg) | SetupRcv(pdu_setup) | | |
| 2 | | (TCV_TI1 := TCV_Setup_mo.ti, TCV_TI2 := TCV_TI1, TCV_TI2.ti_f := '1'B, TCV_CallProc := OC_CallProcGen(TCV_Setup_mo, CallProced_03)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-----------------------|---|----------|
| Test Step Name: | | SetupRcvE(pdu_esetup: ESETUP_PDU) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To manage Setup Mobile Originated. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_DatInESetup (TCV_Esetup := DL_DatInESetup.msg) | ESetupRcv(pdu_esetup) | | |
| 2 | | (TCV_TI := TCV_Esetup.ti, TCV_TI0 := TCV_TI, TCV_TI.ti_f := '1'B, TCV_CallProc := OC_CallProcGenE(TCV_Esetup)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|----------|
| Test Step Name: | | TmsiReallocation(par_mi:MI; lac: OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqTmsireCmd | TmsiReallocCmd_01(par_mi, TCV_ch, lac) | | |
| 2 | | L?DL_DatInTmsireCom | TmsiReallocCmp_02(TCV_ch) | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Varinit_fixcommon | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_cks:=TSPX_CKSNDf, TCV_CphKey:=OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Varinit_fixA | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +Varinit_fixcommon | | | |
| 2 | | (TCV_cellid:= C_CellA, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch:= OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_PgCh:= C_PCH_A_1, TCV_agch := C_AGCH_A_1, TCV_ia_ts:= '000'B, TCV_lac:= C_lacellA) | | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | (TCV_chdescr_arfcn:= C_arfcnA) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | (TCV_chdescr_arfcn:= C_arfcnAd) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | Varinit_fixB | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +Varinit_fixcommon | | | |
| 2 | | (TCV_cellid:=C_CellB, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellB), TCV_sacch_B := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellB), TCV_PgCh:= C_PCH_B_1, TCV_agch := C_AGCH_B_1, TCV_ia_ts:= '000'B, TCV_lac:= C_lacellB) | | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | (TCV_chdescr_arfcn:= C_arfcnB) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | (TCV_chdescr_arfcn:= C_arfcnBd) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Varinit_fixC | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +Varinit_fixcommon | | | |
| 2 | | (TCV_cellid:=C_CellC, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellC), TCV_sacch_C := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellC), TCV_PgCh:= C_PCH_C_1, TCV_agch := C_AGCH_C_1, TCV_ia_ts:= '000'B, TCV_lac:=C_lacCellC) | | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | (TCV_chdescr_arfcn:= C_arfcnC) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | (TCV_chdescr_arfcn:= C_arfcnCd) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | Varinit_fixH | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +Varinit_fixcommon | | | |
| 2 | | (TCV_cellid:=C_CellH, TCV_ch:= OC_SubchOfSdcch4(TSPX_SDCCH4SubA, C_CellH), TCV_sacch_H := OC_SubchOfSacch4(TSPX_SDCCH4SubA, C_CellH), TCV_PgCh:= C_PCH_H_1, TCV_agch := C_AGCH_H_1, TCV_ia_ts:= '000'B, TCV_lac:=C_lacCellH) | | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | (TCV_chdescr_arfcn:= C_arfcnH) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | (TCV_chdescr_arfcn:= C_arfcnHd) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | WaitForInService | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To wait until the MS enters the Idle and updated state. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null:=OM_PgFill(TCV_cellid, PgReqTp1Reorg)) | | | |
| 2 | | START T_dly(5000) | | | |
| 3 | | ?TIMEOUT T_dly | | | |
| 4 | | (TCV_Null:=OM_PgFill(TCV_cellid, PgReqTp1Norm)) | | | |
| 5 | | (TCV_Res := FALSE) | | | |
| 6 | | REPEAT localtree UNTIL [TCV_Res = TRUE] | | | |
| 7 | | localtree (TCV_Res := OO_InServiceCHK()) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-------------|---|----------|
| Test Step Name: | | WaitMainLinkDown | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/ | | | |
| Objective: | | To wait until the main link going down | | | |
| Default: | | OtherEventsFail | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_Relln | DLRelInd_01 | P | |
| Detailed Comments: | | | | | |

Test Step Group SysInfo

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_01LAC(t, retr, att, neci: INTEGER; lac:OCTETSTRING; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send system information messages with default parameters defined for the L3 tests for which no special parameters indicated. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := INT_TO_BIT(neci,1), TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, lac, CellOpt_01)) | | | |
| 3 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | |
| 4 | | +gsmOrDcs | | | |
| gsmOrDcs | | | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 6 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, lac, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 7 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_A_1, C_ci_cellA, C_PLMN_1, lac, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 8 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, lac, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 9 | | [TSPX_AltNb = TRUE] | | | 3. |
| 10 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_02, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 11 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_02)) | | | |
| 12 | | [TSPX_AltNb = FALSE] | | | 4. |
| 13 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_45, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 14 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_45)) | | | |
| 15 | | [TSPC_DCS] | | | 2. |
| 16 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, lac, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 17 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_A_1, C_ci_cellA, | | |

| | | | |
|----|--|--|----|
| 18 | LIDL_UdatRqSysinfo3 | C_PLMN_1, lac, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_1, lac, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | |
| 19 | [TSPX_AltNb = TRUE] | | 3. |
| 20 | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A _1, BcchFreqLst_04, TCV_Max, TCV_Tx, C_Restablishment) | |
| 21 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_04)) | | |
| 22 | [TSPX_AltNb = FALSE] | | 4. |
| 23 | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A _1, BcchFreqLst_03, TCV_Max, TCV_Tx, C_Restablishment) | |
| 24 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_03)) | | |

Detailed Comments:

1. For GSM900 mobile station testing.
2. For DCS1800 mobile station testing.
3. To use alternative neighbour cells description.
4. To use default neighbour cells description.

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Step Name: | | ChgLAC_A(par_octet:OCTETSTRING; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To change the LAC of cell A and of System Information Messages according to used testcase. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSysinfo6 (DL_UdatRqSysinfo6.msg.lai.mnc := '02'O, DL_UdatRqSysinfo6.msg.lai.lac :=par_octet) | SysInfo6_MM(TCV_s acch, C_ci_cellA, LocAreald_31(C_lacc ellA), CellOpt_01) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | L!DL_UdatRqSysinfo4 (DL_UdatRqSysinfo4.msg.lai.mnc := '02'O, DL_UdatRqSysinfo4.msg.lai.lac :=par_octet) | SysInfo4_MM(C_BCC H_A_1, LocAreald_31(C_lacc ellA), CellSelPara_01, RachCntrlPara_r01) | | |
| 5 | | L!DL_UdatRqSysinfo3 (DL_UdatRqSysinfo3.msg.lai.mnc := '02'O, DL_UdatRqSysinfo3.msg.lai.lac :=par_octet) | SysInfo3_MM(C_BCC H_A_1, C_ci_cellA, LocAreald_31(C_lacc ellA), CntrlChDscrp(att, babr, cch_con, bpm, t3212), CellSelPara_01, RachCntrlPara_r01) | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | L!DL_UdatRqSysinfo4 (DL_UdatRqSysinfo4.msg.lai.mnc := '02'O, DL_UdatRqSysinfo4.msg.lai.lac :=par_octet) | SysInfo4_MM(C_BCC H_A_1, LocAreald_31(C_lacc ellA), CellSelPara_04, RachCntrlPara_r01) | | |
| 8 | | L!DL_UdatRqSysinfo3 (DL_UdatRqSysinfo3.msg.lai.mnc := '02'O, DL_UdatRqSysinfo3.msg.lai.lac :=par_octet) | SysInfo3_MM(C_BCC H_A_1, C_ci_cellA, LocAreald_31(C_lacc ellA), CntrlChDscrp(att, babr, cch_con, bpm, t3212), CellSelPara_04, RachCntrlPara_r01) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|--|---|----------|
| Test Step Name: ChgLAC_B(par_octet:OCTETSTRING; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | | | |
| Objective: To change the LAC of cell B and of System Information Messages according to used testcase. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Ccd0B := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSysinfo6 (DL_UdatRqSysinfo6.msg.lai.mnc := '02'O, DL_UdatRqSysinfo6.msg.lai.lac :=par_octet) | SysInfo6_MM(TCV_s acch_B, C_ci_cellB, LocAreald_31(C_lacc ellB), CellOpt_01) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | LIDL_UdatRqSysinfo4 (DL_UdatRqSysinfo4.msg.lai.mnc := '02'O, DL_UdatRqSysinfo4.msg.lai.lac :=par_octet) | SysInfo4_MM(C_BCC H_B_1, LocAreald_31(C_lacc ellB), CellSelPara_01, RachCntrlPara_r01) | | |
| 5 | | LIDL_UdatRqSysinfo3 (DL_UdatRqSysinfo3.msg.lai.mnc := '02'O, DL_UdatRqSysinfo3.msg.lai.lac :=par_octet) | SysInfo3_MM(C_BCC H_B_1, C_ci_cellB, LocAreald_31(C_lacc ellB), CntrlChDscrp(att, babr, cch_con, bpm, t3212), CellSelPara_01, RachCntrlPara_r01) | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | LIDL_UdatRqSysinfo4 (DL_UdatRqSysinfo4.msg.lai.mnc := '02'O, DL_UdatRqSysinfo4.msg.lai.lac :=par_octet) | SysInfo4_MM(C_BCC H_B_1, LocAreald_31(C_lacc ellB), CellSelPara_04, RachCntrlPara_r01) | | |
| 8 | | LIDL_UdatRqSysinfo3 (DL_UdatRqSysinfo3.msg.lai.mnc := '02'O, DL_UdatRqSysinfo3.msg.lai.lac :=par_octet) | SysInfo3_MM(C_BCC H_B_1, C_ci_cellB, LocAreald_31(C_lacc ellB), CntrlChDscrp(att, babr, cch_con, bpm, t3212), CellSelPara_04, RachCntrlPara_r01) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|----------|
| Test Step Name: | | ChgLAI_C(par_mnc:OCTETSTRING; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To change the LAI of cell C to HPLMN. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '11'B, TCV_Neci := '0'B, TCV_Ccd0C := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_C_1, par_mnc, C_lacellC, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 4 | | LIDL_UdatRqSysinfo6 | SysInfo6_01(TCV_sa cch_C, C_ci_cellC, par_mnc, C_lacellC, CellOpt_01) | | |
| 5 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_C_1, C_ci_cellC, par_mnc, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | [TSPC_DCS] | | | |
| 7 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_C_1, par_mnc, C_lacellC, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | LIDL_UdatRqSysinfo6 | SysInfo6_01(TCV_sa cch_C, C_ci_cellC, par_mnc, C_lacellC, CellOpt_01) | | |
| 9 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_C_1, C_ci_cellC, par_mnc, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | SysInfoSending_MM_A(t, retr, neci, att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING; ci:CI; mnc, lac:OCTETSTRING; cchd:CCHD; crh, mtmc:INTEGER; bcchfl: NCD; Re:BITSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send system information messages for the L3 tests. The following parameters specified by input parameters: - bcch: BCCH - sacch: SACCH - bcchfl: BCCH frequency list - ci: Cell identity - lai: Location area identification - ccd: Control channel description - csp: Cell selection parameters - cchd: Cell channel description - rachcpar: RACH control parameters | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := INT_TO_BIT(neci,1), TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, cchd, TCV_Max, TCV_Tx, Re) | | |
| 3 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, bcchfl, TCV_Max, TCV_Tx, Re) | | |
| 4 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, ci, mnc, lac, TCV_Ccd0A, CellOpt_01, crh, mtmc, TCV_Neci, TCV_Max, TCV_Tx, Re) | | |
| 5 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, mnc, lac, crh, mtmc, TCV_Neci, TCV_Max, TCV_Tx, Re) | | |
| 6 | | (TCV_sysinfo5 := SysInf5(bcchfl)) | | | |
| 7 | | (TCV_sysinfo6 := SysInf6(ci, mnc, lac, CellOpt_01)) | | | |
| Detailed Comments: | | Default values/constraints for the parameters acc. to the default values indicated for the test cases/groups in GSM 11.10 (in case other values have to be used for specific test cases, which differ from the default values, other constraints have to be used for the parameters): | | | |
| MM test cases, GSM: | | | | | |
| | | Cell A/GSM | Cell B/GSM | Cell C/GSM | |
| bcch | | C_BCCH_A_1 | C_BCCH_B_1 | C_BCCH_C_1 | |
| sacch | | C_SACCH_A | C_SACCH_B | C_SACCH_C | |
| bcchfl | | BcchFreqLst_01 BcchFreqLst_03 (*) | BcchFreqLst_01 | BcchFreqLst_01 | |
| ci | | C_ci_cellA | C_ci_cellB | C_ci_cellC | |
| lai | | LocAreald_01 | LocAreald_02 | t.b.d. | |
| ccd | | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) | |
| csp | | CellSelPara_01 | CellSelPara_01 | CellSelPara_01 | |

| | | | |
|---------------------|--|--|--|
| cchd | CellChDes_02 | CellChDes_03 | CellChDes_04 |
| rachcp | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) |
| MM test cases, DCS: | | | |
| | Cell A/DCS | Cell B/DCS | Cell C/DCS |
| bcch | C_BCCH_A_1 | C_BCCH_B_1 | C_BCCH_C_1 |
| sacch | C_SACCH_A | C_SACCH_B | C_SACCH_C |
| bcchfl | BcchFreqLst_03 BcchFreqLst_04 (*) | BcchFreqLst_03 | BcchFreqLst_03 |
| ci | C_ci_cellA | C_ci_cellB | C_ci_cellC |
| lai | LocAreald_01 | LocAreald_02 | t.b.d. |
| ccd | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) |
| csp | CellSelPara_04 | CellSelPara_04 | CellSelPara_04 |
| cchd | t.b.d. | t.b.d. | t.b.d. |
| rachcp | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) |

(*) If TSPX_AltNb == TRUE

(**) CCCH not combined with SDCCH

(***) General in layer 3 test cases, but not in MM, RR, ...

Test Step Dynamic Behaviour

Test Step Name: SysInfoSending_MM_B(t, retr, neci, att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING; ci:CI; mnc, lac:OCTETSTRING; cchd:CCHD; crh, mtmc:INTEGER; bcchfl: NCD; Re:BITSTRING)

Group: GSM_L3_MS_v4170/Miscellaneous/SysInfo/

Objective: To send system information messages for the L3 tests. The following parameters specified by input parameters:

- bcch: BCCH
- sacch: SACCH
- bcchfl: BCCH frequency list
- ci: Cell identity
- lai: Location area identification
- ccd: Control channel description
- csp: Cell selection parameters
- cchd: Cell channel description
- rachcpar: RACH control parameters

Default: OtherEvents

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|---|---|----------|
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := INT_TO_BIT(neci,1), TCV_Ccd0B := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_B_1, cchd, TCV_Max, TCV_Tx, Re) | | |
| 3 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, bcchfl, TCV_Max, TCV_Tx, Re) | | |
| 4 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, ci, mnc, lac, TCV_Ccd0B, CellOpt_01, crh, mtmc, TCV_Neci, TCV_Max, TCV_Tx, Re) | | |
| 5 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, mnc, lac, crh, mtmc, TCV_Neci, TCV_Max, TCV_Tx, Re) | | |
| 6 | | (TCV_sysinfo5_B := SysInf5(bcchfl)) | | | |
| 7 | | (TCV_sysinfo6_B := SysInf6(ci, mnc, lac, CellOpt_01)) | | | |

Detailed Comments: Default values/constraints for the parameters acc. to the default values indicated for the test cases/groups in GSM 11.10 (in case other values have to be used for specific test cases, which differ from the default values, other constraints have to be used for the parameters):

MM test cases, GSM:

| | Cell A/GSM | Cell B/GSM | Cell C/GSM |
|--------|---|---|---|
| bcch | C_BCCH_A_1 | C_BCCH_B_1 | C_BCCH_C_1 |
| sacch | C_SACCH_A | C_SACCH_B | C_SACCH_C |
| bcchfl | BcchFreqLst_01 BcchFreqLst_03 (*) | BcchFreqLst_01 | BcchFreqLst_01 |
| ci | C_ci_cellA | C_ci_cellB | C_ci_cellC |
| lai | LocAreald_01 | LocAreald_02 | t.b.d. |
| ccd | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) |
| csp | CellSelPara_01 | CellSelPara_01 | CellSelPara_01 |

| | | | |
|---------------------|--|--|--|
| cchd | CellChDes_02 | CellChDes_03 | CellChDes_04 |
| rachcp | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) |
| MM test cases, DCS: | | | |
| | Cell A/DCS | Cell B/DCS | Cell C/DCS |
| bcch | C_BCCH_A_1 | C_BCCH_B_1 | C_BCCH_C_1 |
| sacch | C_SACCH_A | C_SACCH_B | C_SACCH_C |
| bcchfl | BcchFreqLst_03 BcchFreqLst_04 (*) | BcchFreqLst_03 | BcchFreqLst_03 |
| ci | C_ci_cellA | C_ci_cellB | C_ci_cellC |
| lai | LocAreald_01 | LocAreald_02 | t.b.d. |
| ccd | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) |
| csp | CellSelPara_04 | CellSelPara_04 | CellSelPara_04 |
| cchd | t.b.d. | t.b.d. | t.b.d. |
| rachcp | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) |

(*) If TSPX_AltNb == TRUE

(**) CCCH not combined with SDCCH

(***) General in layer 3 test cases, but not in MM, RR, ...

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|---|---|---|------------|----------|
| Test Step Name: | | SysInfoSending_MM_C(t, retr, neci, att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING; ci:CI; mnc, lac:OCTETSTRING; cchd:CCHD; crh, mtmc:INTEGER; bcchfl: NCD; Re:BITSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send system information messages for the L3 tests. The following parameters specified by input parameters: - bcch: BCCH - sacch: SACCH - bcchfl: BCCH frequency list - ci: Cell identity - lai: Location area identification - ccd: Control channel description - csp: Cell selection parameters - cchd: Cell channel description - rachcpar: RACH control parameters | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := INT_TO_BIT(neci,1), TCV_Ccd0C := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_C_1, cchd, TCV_Max, TCV_Tx, Re) | | |
| 3 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_C_1, bcchfl, TCV_Max, TCV_Tx, Re) | | |
| 4 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_C_1, ci, mnc, lac, TCV_Ccd0C, CellOpt_01, crh, mtmc, TCV_Neci, TCV_Max, TCV_Tx, Re) | | |
| 5 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_C_1, mnc, lac, crh, mtmc, TCV_Neci, TCV_Max, TCV_Tx, Re) | | |
| 6 | | (TCV_sysinfo5_C := SysInf5(bcchfl)) | | | |
| 7 | | (TCV_sysinfo6_C := SysInf6(ci, mnc, lac, CellOpt_01)) | | | |
| Detailed Comments: | | Default values/constraints for the parameters acc. to the default values indicated for the test cases/groups in GSM 11.10 (in case other values have to be used for specific test cases, which differ from the default values, other constraints have to be used for the parameters): MM test cases, GSM: | | | |
| | | Cell A/GSM | Cell B/GSM | Cell C/GSM | |
| bcch | C_BCCH_A_1 | C_BCCH_B_1 | C_BCCH_C_1 | | |
| sacch | C_SACCH_A | C_SACCH_B | C_SACCH_C | | |
| bcchfl | BcchFreqLst_01 BcchFreqLst_03 (*) | BcchFreqLst_01 | BcchFreqLst_01 | | |
| ci | C_ci_cellA | C_ci_cellB | C_ci_cellC | | |
| lai | LocAreald_01 | LocAreald_02 | t.b.d. | | |
| ccd | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) | | |
| csp | CellSelPara_01 | CellSelPara_01 | CellSelPara_01 | | |

| | | | |
|---------------------|--|--|--|
| cchd | CellChDes_02 | CellChDes_03 | CellChDes_04 |
| rachcp | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) |
| MM test cases, DCS: | | | |
| | Cell A/DCS | Cell B/DCS | Cell C/DCS |
| bcch | C_BCCH_A_1 | C_BCCH_B_1 | C_BCCH_C_1 |
| sacch | C_SACCH_A | C_SACCH_B | C_SACCH_C |
| bcchfl | BcchFreqLst_03 BcchFreqLst_04 (*) | BcchFreqLst_03 | BcchFreqLst_03 |
| ci | C_ci_cellA | C_ci_cellB | C_ci_cellC |
| lai | LocAreald_01 | LocAreald_02 | t.b.d. |
| ccd | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) | CntrlChDscrp_01 CntrlChDscrp_02 (**) |
| csp | CellSelPara_04 | CellSelPara_04 | CellSelPara_04 |
| cchd | t.b.d. | t.b.d. | t.b.d. |
| rachcp | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) | RachCntrlPara_r_01 RachCntrlPara_01 (***) |

(*) If TSPX_AltNb == TRUE

(**) CCCH not combined with SDCCH

(***) General in layer 3 test cases, but not in MM, RR, ...

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | SysInfoSending_01(t, retr, att, neci:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send system information messages with default parameters defined for the L3 tests for which no special parameters indicated. The following parameters specified by input parameters: - Tx-Integer; - Max-Retrans; - ATT; - NECI. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := INT_TO_BIT(neci,1), TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 3 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | |
| 4 | | +gsmOrDcs | | | |
| | | gsmOrDcs | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 6 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 7 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_H_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 8 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 9 | | [TSPX_AltNb = TRUE] | | | 3. |
| 10 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_02, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 11 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_02)) | | | |
| 12 | | [TSPX_AltNb = FALSE] | | | 4. |
| 13 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_45, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 14 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_45)) | | | |
| 15 | | [TSPC_DCS] | | | 2. |
| 16 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvlD, | | |

| | | | |
|--|--|---|----|
| 17 | LIDL_UdatRqSysinfo1_nh | TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) SysInfo1_nh(C_BCC H_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | |
| 18 | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | |
| 19 | [TSPX_AltNb = TRUE] | | 3. |
| 20 | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A _1, BcchFreqLst_04, TCV_Max, TCV_Tx, C_Restablishment) | |
| 21 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_04)) | | |
| 22 | [TSPX_AltNb = FALSE] | | 4. |
| 23 | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A _1, BcchFreqLst_03, TCV_Max, TCV_Tx, C_Restablishment) | |
| 24 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_03)) | | |
| Detailed Comments: | | | |
| 1. For GSM900 mobile station testing. | | | |
| 2. For DCS1800 mobile station testing. | | | |
| 3. To use alternative neighbour cells description. | | | |
| 4. To use default neighbour cells description. | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|---|---|----------|
| Test Step Name: SysInfoSending_r1(t: INTEGER; retr:INTEGER; att: INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | | | |
| Objective: To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters defined for RR test except CCCH_CONF, Tx-integer, Max-Retrans which are specified by input parameters. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: The values of SYSTEM INFORMATION messages are also controlled by another test suite parameters, TSPC_GSM and TSPC_DCS. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | 1. |
| 3 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 4 | | +gsmOrDcs | | | |
| gsmOrDcs | | | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | 3. |
| 6 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_02, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01)) | | | |
| 10 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | 2. |
| 11 | | [TSPC_DCS] | | | 4. |
| 12 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_03, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 13 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 15 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_48)) | | | |
| 16 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, | | 2. |

| | | | | |
|---------------------------|--|--|--|--|
| | | CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | The lower layer emulator shall send these SYNCHRONIZATION INFORMATION and SYSTEM INFORMATION's repeatedly. <ol style="list-style-type: none">1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell A.2. To send SYSTEM INFORMATION TYPE 3 message.3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing.4. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | SysInfoSending_r2(t: INTEGER; retrans:INTEGER; ch:LOGICCH; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send system information messages in cell A with default parameters except the 5 parameters, the combined CCCH, Max-retrans, Tx-INTEGGER, control channel description and logic channel which are specified by formal parameters. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The test step is used for RR tests without attach/detach. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retrans), TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | |
| 3 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 4 | | +gsmOrDcs | | | |
| | | gsmOrDcs | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 6 | | L!DL_UdatRqSysinfo1 | SysInfo1(ch, CellChDes_02, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | L!DL_UdatRqSysinfo2 | SysInfo2(ch, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | L!DL_UdatRqSysinfo4 | SysInfo4(ch, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01)) | | | |
| 10 | | L!DL_UdatRqSysinfo3 | SysInfo3(ch, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | 1. |
| 11 | | [TSPC_DCS] | | | 3. |
| 12 | | L!DL_UdatRqSysinfo1 | SysInfo1(ch, CellChDes_03, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 13 | | L!DL_UdatRqSysinfo2 | SysInfo2(ch, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | L!DL_UdatRqSysinfo4 | SysInfo4(ch, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 15 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_48)) | | | |
| 16 | | L!DL_UdatRqSysinfo3 | SysInfo3(ch, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, | | 1. |

| | | | | | |
|---------------------------|--|---|---|--|--|
| | | | C_CellReselectHys0, C_MaxPwrLvlID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | <ol style="list-style-type: none">1. CCCH combined or not with SDCCH2. For GSM900 mobile station testing.3. For DCS1800 mobile station testing. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | SysInfoSending_r4(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters defined for cell B in RR tests. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by another test suite parameters, TSPC_GSM and TSPC_DCS. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0B := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_B) | | 1. |
| 3 | | (TCV_sysinfo6_B := SysInf6(C_ci_cellB, C_PLMN_1, C_lacellB, CellOpt_01)) | | | |
| 4 | | [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 5 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_B_1, CellChDes_04, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_01)) | | | |
| 8 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | [TSPC_DCS] | | | 3. |
| 11 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_B_1, CellChDes_03, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 13 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_48)) | | | |
| 14 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 15 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, | | |

| | | | | | |
|---------------------------|--|--|--------------------------------|--|--|
| | | | TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | The lower layer emulator shall send these SYNCHRONIZATION INFORMATION and SYSTEM INFORMATION's repeatedly. 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell B. 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | SysInfoSending_m1(att: INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters defined for MM test based on RR test except CCCH_CONF, and ATT which are specified by input parameters. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by another test suite parameters, TSPC_GSM and TSPC_DCS. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | 1. |
| 3 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 4 | | +gsmOrDcs | | | |
| gsmOrDcs | | | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 6 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_02, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01)) | | | |
| 10 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | [TSPC_DCS] | | | 3. |
| 12 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_03, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 13 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 15 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_48)) | | | |
| 16 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, | | |

| | | | | |
|---------------------------|--|--|---|--|
| | | | C_CellReselectHys0, C_MaxPwrLvlID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| Detailed Comments: | | The lower layer emulator shall send these SYNCHRONIZATION INFORMATION and SYSTEM INFORMATION's repeatedly. | | |
| | | 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell A. | | |
| | | 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. | | |
| | | 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. | | |

Test Step Dynamic Behaviour

| Test Step Name: | | SysInfoSending_1(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
|---------------------------|-------|---|---|---|----------|
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell A for idle mode test | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by test suite parameters TSPC_GSM and TSPC_DCS. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.ncc := '000'B) | SynclInfo(C_SCH_A) | | 1. |
| 3 | | (TCV_sysinfo6 := SysInf6_MM(C_ci_cellA, LocAreald_03, CellOpt_02)) | | | |
| 4 | | LIDL_UdatRqSysinfo4 | SysInfo4_MM(C_BCC H_A_1, LocAreald_03, CellSelPara_03, RachCntrlPara_04) | | |
| 5 | | +gsmOrDcs | | | |
| 6 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh_07(C_BCCH_A_1, C_ci_cellA, LocAreald_03, TCV_Ccd0A, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 7 | | LIDL_UdatRqSysinfo3 | SysInfo3_07(C_BCC H_A_1, C_ci_cellA, LocAreald_03, TCV_Ccd0A, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 8 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 9 | | LIDL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_A_1, BcchFreqLst_05, RachCntrlPara_04) | | |
| 10 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_05)) | | | |
| 11 | | [TSPC_DCS] | | | 3. |
| 12 | | LIDL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_A_1, BcchFreqLst_13, RachCntrlPara_04) | | |
| 13 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_13)) | | | |
| Detailed Comments: | | 1. To send SYNCHRONIZATION INFORMATION message with parameters for cell A. | | | |
| | | 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. | | | |
| | | 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | SysInfoSending_2(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell B for idle mode test | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by test suite parameters TSPC_GSM and TSPC_DCS. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.ncc := '001'B) | SynInfo(C_SCH_B) | | 1. |
| 3 | | (TCV_sysinfo6 := SysInf6_MM(C_ci_cellB, LocAreald_04, CellOpt_02)) | | | |
| 4 | | L!DL_UdatRqSysinfo4 | SysInfo4_MM(C_BCC H_B_1, LocAreald_04, CellSelPara_03, RachCntrlPara_04) | | |
| 5 | | +gsmOrDcs | | | |
| 6 | | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh_07(C_BCCH_B_1, C_ci_cellB, LocAreald_04, TCV_Ccd0B, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 7 | | L!DL_UdatRqSysinfo3 | SysInfo3_07(C_BCCH_B_1, C_ci_cellB, LocAreald_04, TCV_Ccd0B, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 8 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 9 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_B_1, BcchFreqLst_06, RachCntrlPara_04) | | |
| 10 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_06)) | | | |
| 11 | | [TSPC_DCS] | | | 3. |
| 12 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_B_1, BcchFreqLst_14, RachCntrlPara_04) | | |
| 13 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_14)) | | | |
| Detailed Comments: | | 1. To send SYNCHRONIZATION INFORMATION message with parameters for cell B. 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | SysInfoSending_3(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell C for idle mode test | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by test suite parameters TSPC_GSM and TSPC_DCS. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Ccd0C := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.ncc := '010'B) | SynclInfo(C_SCH_C) | | 1. |
| 3 | | (TCV_sysinfo6_C := SysInf6_MM(C_ci_cellC, LocAreald_05, CellOpt_02)) | | | |
| 4 | | L!DL_UdatRqSysinfo4 | SysInfo4_MM(C_BCC H_C_1, LocAreald_05, CellSelPara_03, RachCntrlPara_04) | | |
| 5 | | +gsmOrDcs | | | |
| 6 | | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh_07(C_BCCH_C_1, C_ci_cellC, LocAreald_05, TCV_Ccd0C, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 7 | | L!DL_UdatRqSysinfo3 | SysInfo3_07(C_BCCH_C_1, C_ci_cellC, LocAreald_05, TCV_Ccd0C, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 8 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 9 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_C_1, BcchFreqLst_07, RachCntrlPara_04) | | |
| 10 | | (TCV_sysinfo5_C := SysInf5(BcchFreqLst_07)) | | | |
| 11 | | [TSPC_DCS] | | | 3. |
| 12 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_C_1, BcchFreqLst_15, RachCntrlPara_04) | | |
| 13 | | (TCV_sysinfo5_C := SysInf5(BcchFreqLst_15)) | | | |
| Detailed Comments: | | 1. To send SYNCHRONIZATION INFORMATION message with parameters for cell C. 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Step Name: | | SysInfoSending_4(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell D for idle mode test | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by test suite parameters TSPC_GSM and TSPC_DCS. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Ccd0D := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.ncc := '011'B) | SynInfo(C_SCH_D) | | 1. |
| 3 | | (TCV_sysinfo6_D := SysInf6_MM(C_ci_cellID, LocAreald_06, CellOpt_02)) | | | |
| 4 | | L!DL_UdatRqSysinfo4 | SysInfo4_MM(C_BCC H_D_1, LocAreald_06, CellSelPara_03, RachCntrlPara_04) | | |
| 5 | | +gsmOrDcs | | | |
| 6 | | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh_07(C_BCCH_D_1, C_ci_cellID, LocAreald_06, TCV_Ccd0D, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 7 | | L!DL_UdatRqSysinfo3 | SysInfo3_07(C_BCCH_D_1, C_ci_cellID, LocAreald_06, TCV_Ccd0D, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 8 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 9 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_D_1, BcchFreqLst_08, RachCntrlPara_04) | | |
| 10 | | (TCV_sysinfo5_D := SysInf5(BcchFreqLst_08)) | | | |
| 11 | | [TSPC_DCS] | | | 3. |
| 12 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_D_1, BcchFreqLst_16, RachCntrlPara_04) | | |
| 13 | | (TCV_sysinfo5_D := SysInf5(BcchFreqLst_16)) | | | |
| Detailed Comments: | | 1. To send SYNCHRONIZATION INFORMATION message with parameters for cell D. 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | SysInfoSending_5(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell E for idle mode test | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by test suite parameters TSPC_GSM and TSPC_DCS. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Ccd0E := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.ncc := '100'B) | SynclInfo(C_SCH_E) | | 1. |
| 3 | | (TCV_sysinfo6_E := SysInf6_MM(C_ci_cellE, LocAreald_07, CellOpt_02)) | | | |
| 4 | | L!DL_UdatRqSysinfo4 | SysInfo4_MM(C_BCC H_E_1, LocAreald_07, CellSelPara_03, RachCntrlPara_04) | | |
| 5 | | +gsmOrDcs | | | |
| 6 | | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh_07(C_BCCH_E_1, C_ci_cellE, LocAreald_07, TCV_Ccd0E, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 7 | | L!DL_UdatRqSysinfo3 | SysInfo3_07(C_BCCH_E_1, C_ci_cellE, LocAreald_07, TCV_Ccd0E, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 8 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 9 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_E_1, BcchFreqLst_09, RachCntrlPara_04) | | |
| 10 | | (TCV_sysinfo5_E := SysInf5(BcchFreqLst_09)) | | | |
| 11 | | [TSPC_DCS] | | | 3. |
| 12 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_E_1, BcchFreqLst_17, RachCntrlPara_04) | | |
| 13 | | (TCV_sysinfo5_E := SysInf5(BcchFreqLst_17)) | | | |
| Detailed Comments: | | 1. To send SYNCHRONIZATION INFORMATION message with parameters for cell E. 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | SysInfoSending_6(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell F for idle mode test | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by test suite parameters TSPC_GSM and TSPC_DCS. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Ccd0F := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.ncc := '101'B) | SynInfo(C_SCH_F) | | 1. |
| 3 | | (TCV_sysinfo6_F := SysInf6_MM(C_ci_cellF, LocAreald_08, CellOpt_02)) | | | |
| 4 | | L!DL_UdatRqSysinfo4 | SysInfo4_MM(C_BCC H_F_1, LocAreald_08, CellSelPara_03, RachCntrlPara_04) | | |
| 5 | | +gsmOrDcs | | | |
| 6 | | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh_07(C_BCCH_F_1, C_ci_cellF, LocAreald_08, TCV_Ccd0F, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 7 | | L!DL_UdatRqSysinfo3 | SysInfo3_07(C_BCCH_F_1, C_ci_cellF, LocAreald_08, TCV_Ccd0F, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 8 | | gsmOrDcs [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 9 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_F_1, BcchFreqLst_10, RachCntrlPara_04) | | |
| 10 | | (TCV_sysinfo5_F := SysInf5(BcchFreqLst_10)) | | | |
| 11 | | [TSPC_DCS] | | | 3. |
| 12 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_F_1, BcchFreqLst_18, RachCntrlPara_04) | | |
| 13 | | (TCV_sysinfo5_F := SysInf5(BcchFreqLst_18)) | | | |
| Detailed Comments: | | 1. To send SYNCHRONIZATION INFORMATION message with parameters for cell F. 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | SysInfoSending_7(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell G for idle mode test | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by test suite parameters TSPC_GSM and TSPC_DCS. | | | |
| Nr | Label | Behaviour Description | Cref | V | Comments |
| 1 | | (TCV_Ccd0G := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.ncc := '110'B) | SynclInfo(C_SCH_G) | | 1. |
| 3 | | (TCV_sysinfo6_G := SysInf6_MM(C_ci_cellG, LocAreald_09, CellOpt_02)) | | | |
| 4 | | +gsmOrDcs | | | |
| 5 | | gsmOrDcs | | | |
| 6 | | [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 6 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_G_1, BcchFreqLst_11, RachCntrlPara_04) | | |
| 7 | | (TCV_sysinfo5_G := SysInf5(BcchFreqLst_11)) | | | |
| 8 | | L!DL_UdatRqSysinfo4 | SysInfo4_MM(C_BCC H_G_1, LocAreald_09, CellSelPara_03, RachCntrlPara_04) | | |
| 9 | | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh_07(C_BCCH_G_1, C_ci_cellG, LocAreald_09, TCV_Ccd0G, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 10 | | L!DL_UdatRqSysinfo3 | SysInfo3_07(C_BCCH_G_1, C_ci_cellG, LocAreald_09, TCV_Ccd0G, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 11 | | [TSPC_DCS] | | | 3. |
| 12 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_G_1, BcchFreqLst_19, RachCntrlPara_05) | | |
| 13 | | (TCV_sysinfo5_G := SysInf5(BcchFreqLst_19)) | | | |
| 14 | | L!DL_UdatRqSysinfo4 | SysInfo4_MM(C_BCC H_G_1, LocAreald_09, CellSelPara_03, RachCntrlPara_05) | | |
| 15 | | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh_07(C_BCCH_G_1, C_ci_cellG, LocAreald_09, TCV_Ccd0G, CellOpt_02, CellSelPara_03, RachCntrlPara_05) | | |
| 16 | | L!DL_UdatRqSysinfo3 | SysInfo3_07(C_BCCH_G_1, C_ci_cellG, LocAreald_09, TCV_Ccd0G, CellOpt_02, CellSelPara_03, RachCntrlPara_05) | | |

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|---------------------------|---|
| Detailed Comments: | 1. To send SYNCHRONIZATION INFORMATION message with parameters for cell G. 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. |
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Test Step Dynamic Behaviour

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|------------------------|--|
| Test Step Name: | SysInfoSending_8(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) |
| Group: | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ |
| Objective: | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell H for idle mode test |
| Default: | OtherEvents |
| Comments: | for GSM900 only |

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|---|---|----------|
| 1 | | (TCV_Ccd0H := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.ncc := '111'B) | SynInfo(C_SCH_H) | | 1. |
| 3 | | (TCV_sysinfo6_H := SysInf6_MM(C_ci_cellH, LocAreald_10, CellOpt_02)) | | | |
| 4 | | L!DL_UdatRqSysinfo4 | SysInfo4_MM(C_BCC H_H_1, LocAreald_10, CellSelPara_03, RachCntrlPara_04) | | |
| 5 | | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh_07(C_BCCH_H_1, C_ci_cellH, LocAreald_10, TCV_Ccd0H, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 6 | | L!DL_UdatRqSysinfo3 | SysInfo3_07(C_BCCH_H_1, C_ci_cellH, LocAreald_10, TCV_Ccd0H, CellOpt_02, CellSelPara_03, RachCntrlPara_04) | | |
| 7 | | L!DL_UdatRqSysinfo2 | SysInfo2_07(C_BCC H_H_1, BcchFreqLst_12, RachCntrlPara_04) | | |
| 8 | | (TCV_sysinfo5_H := SysInf5(BcchFreqLst_12)) | | | |

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| Detailed Comments: | 1. To send SYNCHRONIZATION INFORMATION message with parameters for cell H. |
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| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | SysInfoSending_9(t, retr, att: INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters except Tx-integer, Max-Retrans which are specified by input parameters and radio-link-timeout = 64. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by another two test suite parameters, TSPC_GSM and TSPX_AltNb. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Null := OM_PgFill(C_CellA, PgReqTp1Norm), TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | 1. |
| 3 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01), TCV_sysinfo6.co.rlt := '1111'B) | | | |
| 4 | | +gsmOrDcs | | | |
| | | gsmOrDcs | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 6 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 7 | | LIDL_UdatRqSysinfo1_nh (DL_UdatRqSysinfo1_nh.msg.co.rlt := '1111'B) | SysInfo1_nh(C_BCC_H_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 8 | | LIDL_UdatRqSysinfo3 (DL_UdatRqSysinfo3.msg.co.rlt := '1111'B) | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 9 | | [TSPX_AltNb = TRUE] | | | |
| 10 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_02, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 11 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_02)) | | | |
| 12 | | [TSPX_AltNb = FALSE] | | | |
| 13 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 14 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01)) | | | |
| 15 | | [TSPC_DCS] | | | 3. |
| 16 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvID, | | |

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|--|--|---|--|
| 17 | L!DL_UdatRqSysinfo1_nh (DL_UdatRqSysinfo1_nh.msg.co.rlt := '1111'B) | TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) SysInfo1_nh(C_BCC H_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | |
| 18 | L!DL_UdatRqSysinfo3 (DL_UdatRqSysinfo3.msg.co.rlt := '1111'B) | SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | |
| 19 | [TSPX_AltNb = TRUE] | | |
| 20 | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A _1, BcchFreqLst_04, TCV_Max, TCV_Tx, C_Restablishment) | |
| 21 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_04)) | | |
| 22 | [TSPX_AltNb = FALSE] | | |
| 23 | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A _1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_Restablishment) | |
| 24 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_48)) | | |
| Detailed Comments: <ol style="list-style-type: none"> 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell A. 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_10(bcchlst1, bcchlst2 :NCD; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell A (cell S1) for measurement testing. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.bcc := '011'B) | SyncInfo(C_SCH_A) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_02, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 5 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, bcchlst1, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | (TCV_sysinfo5 := SysInf5(bcchlst1)) | | | |
| 9 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01), TCV_sysinfo6.co.pwrc := '0'B) | | | |
| 10 | | [TSPC_DCS] | | | |
| 11 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_03, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 13 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, bcchlst2, TCV_Max, TCV_Tx, | | |

| | | | | |
|---------------------------|--|--|---------------------|--|
| 15 | | (TCV_sysinfo5 := SysInf5(bcch1st2)) | C_noRestablishment) | |
| 16 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01), TCV_sysinfo6.co.pwrc := '1'B) | | |
| Detailed Comments: | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_11(bcchfl_gsm, bcchfl_dcs :NCD; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell B (cell N1) for measurement testing. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0B := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.bcc := '101'B) | SyncInfo(C_SCH_B) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 5 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, bcchfl_gsm, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_B_1, CellChDes_05, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | [TSPC_DCS] | | | |
| 9 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, bcchfl_dcs, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_B_1, CellChDes_05d, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|---|---|----------|
| Test Step Name: SysInfoSending_12(bcchfl_gsm, bcchfl_dcs :NCD; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | | | |
| Objective: To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell C (cell N2) for measurement testing. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0C := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.bcc := '111'B) | SynInfo(C_SCH_C) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_C_1, CellChDes_06, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 5 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_C_1, bcchfl_gsm, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_C_1, C_PLMN_1, C_lacellC, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_C_1, C_ci_cellC, C_PLMN_1, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | [TSPC_DCS] | | | |
| 9 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_C_1, CellChDes_06d, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_C_1, bcchfl_dcs, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_C_1, C_PLMN_1, C_lacellC, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_C_1, C_ci_cellC, C_PLMN_1, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_13(Ncc:BITSTRING; bcchfl_gsm, bcchfl_dcs :NCD; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell D (cell N3) for measurement testing. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0D := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.bcc := '001'B, DL_UdatRqSchinfo.msg.ncc := Ncc) | SyncInfo(C_SCH_D) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_D_1, CellChDes_07, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 5 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_D_1, bcchfl_gsm, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_D_1, C_PLMN_1, C_lacellID, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_D_1, C_ci_cellID, C_PLMN_1, C_lacellID, TCV_Ccd0D, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | [TSPC_DCS] | | | |
| 9 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_D_1, CellChDes_07d, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_D_1, bcchfl_dcs, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_D_1, C_PLMN_1, C_lacellID, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_D_1, C_ci_cellID, C_PLMN_1, C_lacellID, TCV_Ccd0D, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|---|---|----------|
| Test Step Name: SysInfoSending_14(Ncc:BITSTRING; bcchfl_gsm, bcchfl_dcs :NCD;att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | | | |
| Objective: To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell E (cell N4) for measurement testing. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0E := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.bcc := '011'B, DL_UdatRqSchinfo.msg.ncc := Ncc) | SynInfo(C_SCH_E) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_E_1, CellChDes_08, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 5 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_E_1, bcchfl_gsm, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_E_1, C_PLMN_1, C_lacellE, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_E_1, C_ci_cellE, C_PLMN_1, C_lacellE, TCV_Ccd0E, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | [TSPC_DCS] | | | |
| 9 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_E_1, CellChDes_08d, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_E_1, bcchfl_dcs, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_E_1, C_PLMN_1, C_lacellE, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_E_1, C_ci_cellE, C_PLMN_1, C_lacellE, TCV_Ccd0E, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_15(Ncc:BITSTRING; bcchfl_gsm, bcchfl_dcs :NCD; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell F (cell N5) for measurement testing. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0F := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.bcc := '101'B, DL_UdatRqSchinfo.msg.ncc := Ncc) | SyncInfo(C_SCH_F) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_F_1, CellChDes_09, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 5 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_F_1, bcchfl_gsm, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_F_1, C_PLMN_1, C_lacellF, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_F_1, C_ci_cellF, C_PLMN_1, C_lacellF, TCV_Ccd0F, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | [TSPC_DCS] | | | |
| 9 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_F_1, CellChDes_09d, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_F_1, bcchfl_dcs, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_F_1, C_PLMN_1, C_lacellF, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_F_1, C_ci_cellF, C_PLMN_1, C_lacellF, TCV_Ccd0F, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_16(bcchfl_gsm, bcchfl_dcs :NCD; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell G (cell N6) for measurement testing. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0G := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.bcc := '111'B) | SynInfo(C_SCH_G) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_G_1, CellChDes_10, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 5 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_G_1, bcchfl_gsm, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_G_1, C_PLMN_1, C_lacellG, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_G_1, C_ci_cellG, C_PLMN_1, C_lacellG, TCV_Ccd0G, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | [TSPC_DCS] | | | |
| 9 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_G_1, CellChDes_10d, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_G_1, bcchfl_dcs, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_G_1, C_PLMN_1, C_lacellG, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_G_1, C_ci_cellG, C_PLMN_1, C_lacellG, TCV_Ccd0G, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_17(bcchfl_gsm, bcchfl_dcs :NCD; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell H (cell N7) for measurement testing. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0H := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.bcc := '001'B) | SyncInfo(C_SCH_H) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 4 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_H_1, CellChDes_11, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 5 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_H_1, bcchfl_gsm, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_H_1, C_PLMN_1, C_lacellH, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_H_1, C_ci_cellH, C_PLMN_1, C_lacellH, TCV_Ccd0H, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | [TSPC_DCS] | | | |
| 9 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_H_1, CellChDes_11d, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_H_1, bcchfl_dcs, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_H_1, C_PLMN_1, C_lacellH, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_H_1, C_ci_cellH, C_PLMN_1, C_lacellH, TCV_Ccd0H, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_18(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell A (cell S1) for measurement testing. The DTX is set to "MS shall use discontinuous transmission. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo (DL_UdatRqSchinfo.msg.bcc := '011'B) | SynInfo(C_SCH_A) | | |
| 3 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_03)) | | | |
| 4 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 5 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_02, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_03, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BchFreqLst_35, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | (TCV_sysinfo5 := SysInf5(BchFreqLst_35)) | | | |
| 10 | | [TSPC_DCS] | | | |
| 11 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_03, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 13 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_03, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BchFreqLst_27, TCV_Max, TCV_Tx, C_noRestablishment) | | |

| | | | | | |
|---------------------------|--|--|--|--|--|
| 15 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_27)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_19(Re:BITSTRING; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send system information messages with default parameters defined for the L3 tests except Cell-Reselect-Hysteresis = 0 | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used in TC_26_8_2_1, TCV_26_8_2_2 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 3 | | LIDL_UdatRqSchinfo | SynInfo(C_SCH_A) | | 1. |
| 4 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 5 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, Re) | | |
| 6 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_H_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, Re) | | |
| 7 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, Re) | | |
| 8 | | [TSPX_AltNb = TRUE] | | | 3. |
| 9 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_02)) | | | |
| 10 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_02, TCV_Max, TCV_Tx, Re) | | |
| 11 | | [TSPX_AltNb = FALSE] | | | 4. |
| 12 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_45)) | | | |
| 13 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_45, TCV_Max, TCV_Tx, Re) | | |
| 14 | | [TSPC_DCS] | | | 2. |
| 15 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, Re) | | |
| 16 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_H_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, | | |

| | | | |
|--|---|---|----|
| 17 | L!DL_UdatRqSysinfo3 | TCV_Tx, Re) SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_laccellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, Re) | |
| 18 | [TSPX_AltNb = TRUE] | | 3. |
| 19 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_04)) | | |
| 20 | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_04, TCV_Max, TCV_Tx, Re) | |
| 21 | [TSPX_AltNb = FALSE] | | 4. |
| 22 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_03)) | | |
| 23 | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_03, TCV_Max, TCV_Tx, Re) | |
| Detailed Comments: | | | |
| 1. For GSM900 mobile station testing. | | | |
| 2. For DCS1800 mobile station testing. | | | |
| 3. To use alternative neighbour cells description. | | | |
| 4. To use default neighbour cells description. | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|---|---|----------|
| Test Step Name: SysInfoSending_20(t: INTEGER; retr:INTEGER; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | | | |
| Objective: To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters except CCCH_CONF, Tx-integer, Max-Retrans which are specified by input parameters. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: The values of SYSTEM INFORMATION messages are also controlled by another two test suite parameters, TSPC_PGSM and TSPX_AltNb. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Null := OM_PgFill(C_CellA, PgReqTp1Norm), TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | 1. |
| 3 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 4 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_20_Aman, TCV_Max, TCV_Tx, C_noRestablishment) | | 2. |
| 5 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01)) | | | |
| 8 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |
| 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell A. | | | | | |
| 2. System Information Type 1 with Cell Channel Description for HO-testin in cell A (GSM900). | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|---|---|----------|
| Test Step Name: SysInfoSending_201(t: INTEGER; retr:INTEGER;att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | | | |
| Objective: To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters except CCCH_CONF, Tx-integer, Max-Retrans which are specified by input parameters. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: The values of SYSTEM INFORMATION messages are also controlled by another two test suite parameters, TSPC_PGSM and TSPX_AltNb. Cell Allocation for DCS1800 coded using range 256 format. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := '0'B, TCV_Null := OM_PgFill(C_CellA, PgReqTp1Norm), TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSschinfo | SynclInfo(C_SCH_A) | | 1. |
| 3 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 4 | | +gsmOrDcs | | | |
| gsmOrDcs | | | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 6 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_20_Aman, TCV_Max, TCV_Tx, C_noRestablishment) | | 3. |
| 7 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01)) | | | |
| [TSPC_DCS] | | | | | |
| 11 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_201_Ad, TCV_Max, TCV_Tx, C_noRestablishment) | | 4. |
| 12 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) | | 5. |
| 13 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 15 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |

| | | | |
|--|--|--|--|
| 16 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_48)) | _1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noReestablishment) | |
| Detailed Comments: <ol style="list-style-type: none"> 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell A. 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 3. System Information Type 1 with Cell Channel Description for HO-testin in cell A (GSM900). 4. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. 5. System Information Type 1 with Cell Channel Description for HO-testin in cell A (DCS1800) using 256 format. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_202(bcchfl_gsm,bcchfl_dcs: NCD; t: INTEGER; retr:INTEGER; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters except CCCH_CONF, Tx-integer, Max-Retrans which are specified by input parameters. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by another two test suite parameters, TSPC_PGSM and TSPX_AltNb. Cell Allocation for DCS1800 coded using range 512 format. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := '0'B, TCV_Null := OM_PgFill(C_CellA, PgReqTp1Norm), TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSschinfo | SynclInfo(C_SCH_A) | | 1. |
| 3 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 4 | | +gsmOrDcs | | | |
| gsmOrDcs | | | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | 2. |
| 6 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_20_Aman, TCV_Max, TCV_Tx, C_noRestablishment) | | 3. |
| 7 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, bcchfl_gsm, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | (TCV_sysinfo5 := SysInf5(bcchfl_gsm)) | | | |
| 11 | | [TSPC_DCS] | | | 4. |
| 12 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_202_Aman, TCV_Max, TCV_Tx, C_noRestablishment) | | 5. |
| 13 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, bcchfl_dcs, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 15 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A | | |

| | | | |
|---------------------------|---------------------------------------|---|--|
| 16 | (TCV_sysinfo5 := SysInf5(bcchfl_dcs)) | _1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell A. 2. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 3. System Information Type 1 with Cell Channel Description for HO-testin in cell A (GSM900). 4. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. 5. System Information Type 1 with Cell Channel Description for HO-testin in cell A (DCS1800). | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_211(t: INTEGER; retr:INTEGER; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters except CCCH_CONF, Tx-integer, Max-Retrans which are specified by input parameters. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by another two test suite parameters, TSPC_PGSM and TSPX_AltNb. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := '0'B, TCV_Null := OM_PgFill(C_CellA, PgReqTp1Norm), TCV_Ccd0B := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo | SynclInfo(C_SCH_B) | | 1. |
| 3 | | (TCV_sysinfo6_B := SysInf6(C_ci_cellB, C_PLMN_1, C_lacellB, CellOpt_01)) | | | |
| 4 | | +gsmOrDcs | | | |
| | | gsmOrDcs | | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | 3. |
| 6 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_B_1, CellChDes_20_Bman, TCV_Max, TCV_Tx, C_noRestablishment) | | 4. |
| 7 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | 2. |
| 9 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_01)) | | | |
| 11 | | [TSPC_DCS] | | | 5. |
| 12 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_B_1, CellChDes_202_Bd, TCV_Max, TCV_Tx, C_noRestablishment) | | 6. |
| 13 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | 2. |
| 15 | | LIDL_UdatRqSysinfo3 (DL_UdatRqSysinfo3.msg.lai.lac :=C_lacellB) | SysInfo3(C_BCCH_B_1, C_ci_cellB, | | |

| | | | |
|---------------------------|--|---|--|
| 16 | (TCV_sysinfo5_B := SysInf5(BchFreqLst_48)) | C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell A. 2. To send SYSTEM INFORMATION TYPE 4 message for cell B with LAI_2. 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 4. System Information Type 1 with Cell Channel Description for HO-testin in cell B (GSM900). 5. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. 6. System Information Type 1 with Cell Channel Description for HO-testin in cell B (GSM1800) using 256 format for cell allocation. | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_212(t: INTEGER; retr:INTEGER; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters except CCCH_CONF, Tx-integer, Max-Retrans which are specified by input parameters. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The values of SYSTEM INFORMATION messages are also controlled by another two test suite parameters, TSPC_PGSM and TSPX_AltNb. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := '0'B, TCV_Null := OM_PgFill(C_CellA, PgReqTp1Norm), TCV_Ccd0B := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_B) | | 1. |
| 3 | | (TCV_sysinfo6_B := SysInf6(C_ci_cellB, C_PLMN_1, C_lacellB, CellOpt_01)) | | | |
| 4 | | +gsmOrDcs | | | |
| | | gsmOrDcs | | | |
| 5 | | [TSPC_PGSM] | | | 3. |
| 6 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_B_1, CellChDes_20_Bman, TCV_Max, TCV_Tx, C_noRestablishment) | | 4. |
| 7 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | 2. |
| 9 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_01)) | | | |
| 11 | | [TSPC_EGSM] | | | 3. |
| 12 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_B_1, CellChDes_20_Bman, TCV_Max, TCV_Tx, C_noRestablishment) | | 4. |
| 13 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_49, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | 2. |
| 15 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellB, | | |

| | | | | |
|---------------------------|--|---|--|----|
| | | | C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| 16 | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_49)) | | | |
| 17 | [TSPC_DCS] | | | 5. |
| 18 | LIDL_UdatRqSysinfo1 | | SysInfo1(C_BCCH_B _1, CellChDes_201_Bd, TCV_Max, TCV_Tx, C_noRestablishment) | 6. |
| 19 | LIDL_UdatRqSysinfo2 | | SysInfo2(C_BCCH_B _1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) | |
| 20 | LIDL_UdatRqSysinfo4 | | SysInfo4(C_BCCH_B _1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | 2. |
| 21 | LIDL_UdatRqSysinfo3 | | SysInfo3(C_BCCH_B _1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| 22 | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_48)) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell A. 2. To send SYSTEM INFORMATION TYPE 4 message for cell B with LAI_2. 3. To send SYSTEM INFORMATION TYPE 2 and 5 messages for GSM900 testing. 4. System Information Type 1 with Cell Channel Description for HO-testin in cell B (GSM900). 5. To send SYSTEM INFORMATION TYPE 2 and 5 messages for DCS1800 testing. 6. System Information Type 1 with Cell Channel Description for HO-testin in cell B (GSM1800) using 512 format for cell allocation. | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_22(t: INTEGER; retr:INTEGER; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters except CCCH_CONF, Tx-integer, Max-Retrans and ATT which are specified by input parameters. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Null := OM_PgFill(C_CellA, PgReqTp1Norm), TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo | SynInfo(C_SCH_A) | | 1. |
| 3 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 4 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_19, TCV_Max, TCV_Tx, C_noRestablishment) | | 2. |
| 5 | | LIDL_UdatRqSysinfo2 (DL_UdatRqSysinfo2.msg.bcchfl.extind := '1'B) | SysInfo2(C_BCCH_A_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | LIDL_UdatRqSysinfo2bis | SysInfo2bis(C_BCCH_A_1) | | |
| 7 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01), TCV_sysinfo5.bcchfl.extind := '1'B) | | | |
| 9 | | (TCV_sysinfo5bis := SysInf5bis_01(BcchFreqLst_46)) | | | |
| 10 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell A. 2. System Information Type 1 with Cell Channel Description for HO-testin in cell A (GSM900). | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|---|---|----------|
| Test Step Name: SysInfoSending_23(t: INTEGER; retr:INTEGER; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | | | |
| Objective: To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages with default parameters except CCCH_CONF, Tx-integer, Max-Retrans which are specified by input parameters. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Null := OM_PgFill(C_CellA, PgReqTp1Norm), TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | L!DL_UdatRqSchinfo | SynInfo(C_SCH_A) | | 1. |
| 3 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 4 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, CellChDes_22, TCV_Max, TCV_Tx, C_noRestablishment) | | 2. |
| 5 | | L!DL_UdatRqSysinfo2 (DL_UdatRqSysinfo2.msg.bcchfl.extind := '1'B) | SysInfo2(C_BCCH_A_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | L!DL_UdatRqSysinfo2bis | SysInfo2bis(C_BCCH_A_1) | | |
| 7 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01), TCV_sysinfo5.bcchfl.extind := '1'B) | | | |
| 9 | | (TCV_sysinfo5bis := SysInf5bis_01(BcchFreqLst_46)) | | | |
| 10 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |
| 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell A. | | | | | |
| 2. System Information Type 1 with Cell Channel Description for HO-testin in cell A (GSM900). | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_24(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell B. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0B := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_B) | | 1. |
| 3 | | (TCV_sysinfo6_B := SysInf6(C_ci_cellB, C_PLMN_1, C_lacellB, CellOpt_01)) | | | |
| 4 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 5 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 6 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_01)) | | | |
| 7 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_H_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | [TSPC_DCS] | | | |
| 11 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_48)) | | | |
| 13 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_H_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, | | |

| | | | | | |
|---------------------------|--|---------------------|--|--|--|
| 15 | | LIDL_UdatRqSysinfo3 | TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) SysInfo3(C_BCCH_B _1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_24re(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell B. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0B := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_B) | | 1. |
| 3 | | (TCV_sysinfo6_B := SysInf6(C_ci_cellB, C_PLMN_1, C_lacellB, CellOpt_01)) | | | |
| 4 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 5 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 6 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_01)) | | | |
| 7 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 8 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCC_H_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 9 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 10 | | [TSPC_DCS] | | | |
| 11 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 12 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_48)) | | | |
| 13 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 14 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCC_H_B_1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, | | |

| | | | | | |
|---------------------------|--|---------------------|--|--|--|
| 15 | | LIDL_UdatRqSysinfo3 | TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) SysInfo3(C_BCCH_B _1, C_ci_cellB, C_PLMN_1, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SysInfoSending_25(Freqg, Freqd:FRQPARA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYNCHRONIZATION CHANNEL INFORMATION and SYSTEM INFORMATION messages in cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | |
| 3 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 4 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 5 | | (TCV_CA.iei := '01100010'B, TCV_freq := Freqg, TCV_CA.rfl := TCV_freq.flst.fl) | | | |
| 6 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 7 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, TCV_CA, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01)) | | | |
| 10 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | [TSPC_DCS] | | | |
| 12 | | (TCV_CA.iei := '01100010'B, TCV_freq := Freqd, TCV_CA.rfl := TCV_freq.flst.fl) | | | |
| 13 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | LIDL_UdatRqSysinfo1 | SysInfo1(C_BCCH_A_1, TCV_CA, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 15 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 16 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_48)) | | | |
| 17 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, | | |

| | | | | |
|---------------------------|--|--|--|--|
| | | | C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| Detailed Comments: | | | | |

| Test Step Dynamic Behaviour | | | | | |
|------------------------------------|-------|--|-------------------------------|---|----------|
| Test Step Name: | | SysInfo_SacchSending(ch:LOGICCH; sysinfo5_pdu:SYSINFO5_PDU; sysinfo6_pdu:SYSINFO6_PDU) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYSTEM INFORMATION 5 and 6 messages defined by parameters 'sysinfo5_pdu' and 'sysinfo6_pdu' in the parameterized 'ch' channel. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [ch <> "dummy"] | | | |
| 2 | | L!DL_UdatRqSysinfo6 | SysInfo6(ch, sysinfo6_pdu) | | |
| 3 | | L!DL_UdatRqSysinfo5 | SysInfo5(ch, sysinfo5_pdu) | | |
| 4 | | [ch = "dummy"] | | I | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|------------------------------------|-------|--|-------------------------------------|---|----------|
| Test Step Name: | | SysInfo_5bisSending(ch:LOGICCH; sysinfo5bis_pdu:SYSINFO5bis_PDU) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To send SYSTEM INFORMATION 5bis message defined by parameters 'sysinfo5bis_pdu' in the parameterized 'ch' channel. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [ch <> "dummy"] | | | |
| 2 | | L!DL_UdatRqSysinfo5bis | SysInfo5bis(ch, sysinfo5bis_pdu) | | |
| 3 | | [ch = "dummy"] | | I | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | SetNECI(att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | |
| Objective: | | To set the NECI =1. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '11'B, TCV_Neci := '1'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 4 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 7 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|--|---|----------|
| Test Step Name: SetATT(t, retr, att, neci:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Miscellaneous/SysInfo/ | | | | | |
| Objective: To set the ATT flag to "MS's in the cell should apply IMSI attach and detach procedure" | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := INT_TO_BIT(neci,1), TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 3 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCC H_A_1, C_ci_cellA, C_PLMN_1, C_laccellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 4 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_1, C_laccellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 5 | | START T_dly(5000) | | | |
| 6 | | ?TIMEOUT T_dly | | | 3. |
| 7 | | [TSPC_DCS] | | | 2. |
| 8 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCC H_A_1, C_ci_cellA, C_PLMN_1, C_laccellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 9 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_1, C_laccellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 10 | | START T_dly(5000) | | | 3. |
| 11 | | ?TIMEOUT T_dly | | | |
| Detailed Comments: | | | | | |
| 1. For P-GSM900. | | | | | |
| 2. For DCS1800. | | | | | |
| 3. Wait for 5 seconds to allow the MS read BCCH information. | | | | | |

Test Step Group OperatorOP

| Test Step Dynamic Behaviour | | | | | |
|---|-------|------------------------------|------|---|----------|
| Test Step Name: AddPwrAmp | | | | | |
| Group: GSM_L3_MS_v4170/OperatorOP/ | | | | | |
| Objective: To add power amplification of the MS. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OO_AddPwrAmp()) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------|---|----------|
| Test Step Name: AttmpCall | | | | | |
| Group: GSM_L3_MS_v4170/OperatorOP/ | | | | | |
| Objective: To attempt any call supported by the MS at the MS under test when the mobile is in service. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OO_InitCall(TSPX_MO_BscSvc_AnyCall)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--------------------------------|------|---|----------|
| Test Step Name: InitCall(srv: IA5String) | | | | | |
| Group: GSM_L3_MS_v4170/OperatorOP/ | | | | | |
| Objective: To initiate a call for the basic service `srv` with channel rate `rate`. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OO_InitCall(srv)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|------|---|----------|
| Test Step Name: AttmpDataCall | | | | | |
| Group: GSM_L3_MS_v4170/OperatorOP/ | | | | | |
| Objective: To attempt a data call at the MS under test. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OO_InitCall(TSPX_MO_BscSvc_FRDataCall)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|------|---|----------|
| Test Step Name: AttmpDualModeCall | | | | | |
| Group: GSM_L3_MS_v4170/OperatorOP/ | | | | | |
| Objective: To attempt a dual mode call at the MS under test. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OO_InitCall(TSPX_MO_BscSvc_DualModeCall)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | AttmpEmgCall | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To attempt an emergency call at the MS under test. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null :=OO_InitCall(C_EmgCallSRV)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | AttmpFullRateCall | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To attempt any full rate call at the MS under test. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null :=OO_InitCall(TSPX_MO_BscSvc_FRCall)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | AttmpHalfRateCall | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To attempt any half rate call at the MS under test. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null :=OO_InitCall(TSPX_MO_BscSvc_HRCall)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | AttmpHalfRateDataCall | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To attempt a half rate data call at the MS under test. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null :=OO_InitCall(TSPX_MO_BscSvc_HRDataCall)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | AtmpNonCallSupp | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To attempt a non call related supplementary service at the MS under test. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null :=OO_InitCall(TSPX_MO_BscSvc_NonCallSupplementarySvc)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | AtmpShortMsg | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To attempt a short message service transaction at the MS under test. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null :=OO_InitCall(TSPX_MO_BscSvc_SMS)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | AtmpSpchCall | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To attempt a speech call at the MS under test. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null :=OO_InitCall(TSPX_MO_BscSvc_SpeechCall)) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|-----|----------|
| Test Step Name: | | CheckUssdStringDisplayed(strg: IA5String) | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To check whether the correct USSD String 'strg' is displayed on the MS | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Res := OO_CheckUssdStringDisplayed(strg)) | | | |
| 2 | | [TCV_Res] | | (P) | |
| 3 | | [NOT TCV_Res] | | (F) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PLMNsCHK | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To check whether the MS presents a list of available PLMNs. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Res :=OO_PLMNsCHK()) | | | |
| 2 | | [TCV_Res = TRUE] | | P | |
| 3 | | [TCV_Res = FALSE] | | F | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | RemvPwrAmp | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To remove the added power amplification of the MS. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OO_RemvPwrAmp()) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|-----|----------|
| Test Step Name: | | RFtransCHK | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To check whether the MS transmits any radio signal. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Res :=OO_RFoutputCHK()) | | | |
| 2 | | [TCV_Res = TRUE] | | F | |
| 3 | | [TCV_Res = FALSE] | | (P) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | TermCall | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To terminate (clear) the call at the MS under test. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null :=OO_TermCall()) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------|-----|----------|
| Test Step Name: | | ServiceIndCHK | | | |
| Group: | | GSM_L3_MS_v4170/OperatorOP/ | | | |
| Objective: | | To check whether the MS gives any service indication. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Res :=OO_InServiceCHK()) | | | |
| 2 | | [TCV_Res = TRUE] | | F | |
| 3 | | [TCV_Res = FALSE] | | (P) | 1. |
| Detailed Comments: 1. No any service indication. | | | | | |

Test Step Group Postambles

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|----------------------------|---|----------|
| Test Step Name: | | PostLinkRelEnd(ch: LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Postambles/ | | | |
| Objective: | | To release the RR connection and bring the MS back to Idle state. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqChRel START T_release | ChRel(ch, ChRelease_01) | | |
| 2 | | L?DL_Relln | DLRelInd_01 | | |
| 3 | | CANCEL | | R | 1. |
| 4 | | ?TIMEOUT T_release | | | |
| 5 | | CANCEL | | R | 1. |
| Detailed Comments: 1. Cancel of all running timers and final verdict. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------------------------------|---|----------|
| Test Step Name: | | PostMainLinkRel(chnl:LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Postambles/ | | | |
| Objective: | | To release the main signalling link `ch`, and bring the MS back to Idle state. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqChRel START T_release | ChRel(chnl, ChRelease_01) | | |
| 2 | | L?DL_RelIn | DLRelInd_01 | | |
| 3 | | ?TIMEOUT T_release | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|----------------------------|-----|----------|
| Test Step Name: | | ChanRel(ch: LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Postambles/ | | | |
| Objective: | | To release the RR connection on the channel TCV_chmaindcch and bring the MS back to Idle state. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqChRel START T_release | ChRel(ch, ChRelease_01) | | |
| 2 | | L?DL_RelIn CANCEL T_release | DLRelInd_01 | | |
| 3 | | ?TIMEOUT T_release | | (F) | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|----------------------------|-----|----------|
| Test Step Name: | | ChanRel_P(ch: LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Postambles/ | | | |
| Objective: | | To release the RR connection on the channel TCV_chmaindcch and bring the MS back to Idle state. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqChRel START T_release | ChRel(ch, ChRelease_01) | | |
| 2 | | L?DL_RelIn | DLRelInd_01 | (P) | |
| 3 | | ?TIMEOUT T_release | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|----------------------------|-----|----------|
| Test Step Name: | | ChanRel_end(ch: LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Postambles/ | | | |
| Objective: | | To release the RR connection and bring the MS back to Idle state. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqChRel START T_release | ChRel(ch, ChRelease_01) | | |
| 2 | | L?DL_RelIn | DLRelInd_01 | | |
| 3 | | CANCEL | | (P) | 1. |
| 4 | | ?TIMEOUT T_release | | | |
| 5 | | CANCEL | | (F) | 1. |
| Detailed Comments: 1. Cancel of all running timers. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|------------------------------------|--------------|---|------------------|----------|-----------------|
| Test Step Name: | | RestoreCphKey(chnl:LOGICCH) | | | |
| Group: | | GSM_L3_MS_v4170/Postambles/ | | | |
| Objective: | | To restore the ciphering key and ciphering key sequency number of SIM to the default value. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L!DL_DatRqAuthRq | AuthReq_01(chnl) | | |
| 2 | | L?DL_DatInAuthRes | AuthRes_01 | | |
| Detailed Comments: | | | | | |

Test Step Group Preambles

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | BasicServiceMO(svc:MOSERVICES; rate:RATE) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To get a correct channel mode according to the basic service selected for initiation of an MO call. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Service := svc, TCV_ChRate :=rate, TCV_ChMod.iei := '01100011'B, TCV_ChMod.mode := C_ChMod_12k, TCV_ChModb.iei := '01100011'B, TCV_ChModb.mode := C_ChMod_12k) | | | |
| 2 | | [(TCV_Service = C_Telephony) OR (TCV_Service = C_EmgCallSRV)] | | | |
| 3 | | (TCV_ChMod.mode := C_ChMod_r) | | | |
| 4 | | [TCV_Service = C_AltSpchG3_2400] | | | |
| 5 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k) | | | |
| 6 | | [TCV_Service = C_AltSpchG3_4800] | | | |
| 7 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_6k) | | | |
| 8 | | [TCV_Service = C_AltSpchG3_9600] | | | |
| 9 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_12k) | | | |
| 10 | | [TCV_Service = C_AutoG3_T_2400] | | | |
| 11 | | (TCV_ChMod.mode := C_ChMod_3k) | | | |
| 12 | | [TCV_Service = C_AutoG3_T_4800] | | | |
| 13 | | (TCV_ChMod.mode := C_ChMod_6k) | | | |
| 14 | | [TCV_Service = C_AutoG3_T_9600] | | | |
| 15 | | (TCV_ChMod.mode := C_ChMod_12k) | | | |
| 16 | | [TCV_Service = C_300cda_T] | | | |
| 17 | | (TCV_ChMod.mode := C_ChMod_3k) | | | |
| 18 | | [TCV_Service = C_1200cda_T] | | | |
| 19 | | (TCV_ChMod.mode := C_ChMod_3k) | | | |
| 20 | | [TCV_Service = C_120075cda_T] | | | |
| 21 | | (TCV_ChMod.mode := C_ChMod_3k) | | | |
| 22 | | [TCV_Service = C_2400cda_T] | | | |
| 23 | | (TCV_ChMod.mode := C_ChMod_3k) | | | |
| 24 | | [TCV_Service = C_4800cda_T] | | | |
| 25 | | (TCV_ChMod.mode := C_ChMod_6k) | | | |
| 26 | | [TCV_Service = C_2400cda_T] | | | |
| 27 | | (TCV_ChMod.mode := C_ChMod_3k) | | | |
| 28 | | [TCV_Service = C_4800cda_T] | | | |
| 29 | | (TCV_ChMod.mode := C_ChMod_6k) | | | |
| 30 | | [TCV_Service = C_PAD300_T] | | | |
| 31 | | (TCV_ChMod.mode := C_ChMod_3k) | | | |
| 32 | | [TCV_Service = C_PAD1200_T] | | | |
| 33 | | (TCV_ChMod.mode := C_ChMod_3k) | | | |
| 34 | | [TCV_Service = C_PAD120075_T] | | | |
| 35 | | (TCV_ChMod.mode := C_ChMod_3k) | | | |
| 36 | | [TCV_Service = C_PAD2400_T] | | | |
| 37 | | (TCV_ChMod.mode := C_ChMod_3k) | | | |
| 38 | | [TCV_Service = C_PAD4800_T] | | | |
| 39 | | (TCV_ChMod.mode := C_ChMod_6k) | | | |
| 40 | | [TCV_Service = C_AltSpchData_300] | | | |
| 41 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k) | | | |
| 42 | | [TCV_Service = C_AltSpchData_1200] | | | |
| 43 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k) | | | |
| 44 | | [TCV_Service = C_AltSpchData_120075] | | | |
| 45 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k) | | | |
| 46 | | [TCV_Service = C_AltSpchData_2400] | | | |
| 47 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k) | | | |

| | | | |
|---------------------------|--|---|---|
| 48 | [TCV_Service = C_AltSpchData_4800] | | |
| 49 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_6k) | | |
| 50 | [TCV_Service = C_AltSpchData_9600] | | |
| 51 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_12k) | | |
| 52 | [TCV_Service = C_SpchData_300] | | |
| 53 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k) | | |
| 54 | [TCV_Service = C_SpchData_1200] | | |
| 55 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k) | | |
| 56 | [TCV_Service = C_SpchData_120075] | | |
| 57 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k) | | |
| 58 | [TCV_Service = C_SpchData_2400] | | |
| 59 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k) | | |
| 60 | [TCV_Service = C_SpchData_4800] | | |
| 61 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_6k) | | |
| 62 | [TCV_Service = C_SpchData_9600] | | |
| 63 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_12k) | | |
| 64 | [(TCV_Service <> C_Telephony) AND(TCV_Service <> C_EmgCallSRV) AND(TCV_Service <> C_AltSpchG3_2400) AND(TCV_Service <> C_AltSpchG3_4800) AND(TCV_Service <> C_AltSpchG3_9600) AND(TCV_Service <> C_AutoG3_T_2400) AND(TCV_Service <> C_AutoG3_T_4800) AND(TCV_Service <> C_AutoG3_T_9600) AND(TCV_Service <> C_300cda_T) AND(TCV_Service <> C_1200cda_T) AND(TCV_Service <> C_120075cda_T) AND(TCV_Service <> C_2400cda_T) AND(TCV_Service <> C_4800cda_T) AND(TCV_Service <> C_2400cda_T) AND(TCV_Service <> C_4800cda_T) AND(TCV_Service <> C_4800cda_T) AND(TCV_Service <> C_PAD300_T) AND(TCV_Service <> C_PAD1200_T) AND(TCV_Service <> C_PAD120075_T) AND(TCV_Service <> C_PAD2400_T) AND(TCV_Service <> C_PAD4800_T) AND(TCV_Service <> C_AltSpchData_300) AND(TCV_Service <> C_AltSpchData_1200) AND(TCV_Service <> C_AltSpchData_120075) AND(TCV_Service <> C_AltSpchData_2400) AND(TCV_Service <> C_AltSpchData_4800) AND(TCV_Service <> C_AltSpchData_9600) AND(TCV_Service <> C_SpchData_300) AND(TCV_Service <> C_SpchData_1200) AND(TCV_Service <> C_SpchData_120075) AND(TCV_Service <> C_SpchData_2400) AND(TCV_Service <> C_SpchData_4800) AND(TCV_Service <> C_SpchData_9600)] | | I |
| Detailed Comments: | | To avoid unnecessary writing Bearer services which need Channel Mode set to 12 Kbits/s on air interface are not mentioned extra in the dynamic behaviour. | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | BasicServiceMOorTelephony(svc:MOSERVICES; rate:RATE) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To get a MO SETUP message with right BC IE. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | Used for CC tests | | | |
| Nr | Label | Behaviour Description | Cref | V | Comments |
| 1 | | [TSPC_Serv_TS11] | | | |
| 2 | | (TCV_Service := C_Telephony, TCV_ChRate :=C_Full) | | | |
| 3 | | [NOT TSPC_Serv_TS11] | | | |
| 4 | | (TCV_Service := svc, TCV_ChRate :=rate) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|-------------|
| Test Step Name: | | BasicServiceMT(svc:MTSERVICES; rate:RATE; Immconn:BOOLEAN) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To get a MT SETUP message with right BC IE. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | Used for CC tests | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Service := svc, TCV_ChRate :=rate, TCV_ImmConn := Immconn, TCV_ChMod.iei := '01100011'B, TCV_ChMod.mode := C_ChMod_12k, TCV_ChModb.iei := '01100011'B, TCV_ChModb.mode := C_ChMod_12k) | | | |
| 2 | | [TCV_Service = C_Telephony] | | | |
| 3 | | (TCV_ChMod.mode := C_ChMod_r, TCV_Setup_mt := Setup_01) | | | |
| 4 | | [TCV_Service = C_AltSpchG3_2400] | | | |
| 5 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k, TCV_Bcap1 := Bcap_Speech, TCV_Bcap2 := Bcap_Fax(TSPX_FAX_2400_1_strc, TSPX_FAX_2400_1_ur, TSPX_FAX_2400_1_ir, TSPX_FAX_2400_1_ce), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | | |
| 6 | | [TCV_Service = C_AltSpchG3_4800] | | | |
| 7 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_6k, TCV_Bcap1 := Bcap_Speech, TCV_Bcap2 := Bcap_Fax(TSPX_FAX_4800_1_strc, TSPX_FAX_4800_1_ur, TSPX_FAX_4800_1_ir, TSPX_FAX_4800_1_ce), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | | |
| 8 | | [TCV_Service = C_AltSpchG3_9600] | | | |
| 9 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_12k, TCV_Bcap1 := Bcap_Speech, TCV_Bcap2 := Bcap_Fax(TSPX_FAX_9600_1_strc, TSPX_FAX_9600_1_ur, TSPX_FAX_9600_1_ir, TSPX_FAX_9600_1_ce), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | | | |
| 10 | | [TCV_Service = C_AutoG3_T_2400] | | | |
| 11 | | (TCV_ChMod.mode := C_ChMod_3k, TCV_Bcap1 := Bcap_Fax(TSPX_FAX_2400_1_strc, TSPX_FAX_2400_1_ur, TSPX_FAX_2400_1_ir, TSPX_FAX_2400_1_ce), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | | | |
| 12 | | [TCV_Service = C_AutoG3_T_4800] | | | |
| 13 | | (TCV_ChMod.mode := C_ChMod_6k, TCV_Bcap1 := Bcap_Fax(TSPX_FAX_4800_1_strc, TSPX_FAX_4800_1_ur, TSPX_FAX_4800_1_ir, TSPX_FAX_4800_1_ce), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | | | |
| 14 | | [TCV_Service = C_AutoG3_T_9600] | | | |
| 15 | | (TCV_ChMod.mode := C_ChMod_12k, TCV_Bcap1 := Bcap_Fax(TSPX_FAX_9600_1_strc, TSPX_FAX_9600_1_ur, TSPX_FAX_9600_1_ir, TSPX_FAX_9600_1_ce), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | | | |
| 16 | | [TCV_Service = C_300cda] | | | |
| 17 | | (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_21_1_itc, TSPX_BS_21_1_strc, TSPX_BS_21_1_ra, '0001'B, TSPX_BS_21_1_ir, TSPX_BS_21_1_ce, TSPX_BS_21_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | | | |
| 18 | | [TSPX_BS_21_1_ce = '00'B] | | | transparent |
| 19 | | (TCV_ChMod.mode := C_ChMod_3k) | | | |
| 20 | | [TCV_Service = C_1200cda] | | | |

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| 21 | (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_22_1_itc, TSPX_BS_22_1_strc, TSPX_BS_22_1_ra, '0010'B, TSPX_BS_22_1_ir, TSPX_BS_22_1_ce, TSPX_BS_22_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | |
| 22 | [TSPX_BS_22_1_ce = '00'B] | transparent |
| 23 | (TCV_ChMod.mode := C_ChMod_3k) | |
| 24 | [TCV_Service = C_2400cda] | |
| 25 | (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_24_1_itc, TSPX_BS_24_1_strc, TSPX_BS_24_1_ra, '0011'B, TSPX_BS_24_1_ir, TSPX_BS_24_1_ce, TSPX_BS_24_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | |
| 26 | [TSPX_BS_24_1_ce = '00'B] | transparent |
| 27 | (TCV_ChMod.mode := C_ChMod_3k) | |
| 28 | [TCV_Service = C_4800cda] | |
| 29 | (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_25_1_itc, TSPX_BS_25_1_strc, TSPX_BS_25_1_ra, '0100'B, TSPX_BS_25_1_ir, TSPX_BS_25_1_ce, TSPX_BS_25_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | |
| 30 | [TSPX_BS_25_1_ce = '00'B] | transparent |
| 31 | (TCV_ChMod.mode := C_ChMod_6k) | |
| 32 | [TCV_Service = C_9600cda] | |
| 33 | (TCV_Bcap1 := Bcap_Bs2(TSPX_BS_26_1_itc, TSPX_BS_26_1_strc, TSPX_BS_26_1_ra, '0101'B, TSPX_BS_26_1_ir, TSPX_BS_26_1_ce, TSPX_BS_26_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | |
| 34 | [TCV_Service = C_1200cda] | |
| 35 | (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_31_1_itc, TSPX_BS_31_1_strc, TSPX_BS_31_1_ra, TSPX_BS_31_1_sacp, '0010'B, TSPX_BS_31_1_ir, TSPX_BS_31_1_ce, TSPX_BS_31_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | |
| 36 | (TCV_ChMod.mode := C_ChMod_3k) | |
| 37 | [TCV_Service = C_2400cda] | |
| 38 | (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_32_1_itc, TSPX_BS_32_1_strc, TSPX_BS_32_1_ra, TSPX_BS_32_1_sacp, '0011'B, TSPX_BS_32_1_ir, TSPX_BS_32_1_ce, TSPX_BS_32_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | |
| 39 | [TSPX_BS_32_1_ce = '00'B] | transparent |
| 40 | (TCV_ChMod.mode := C_ChMod_3k) | |
| 41 | [TCV_Service = C_4800cda] | |
| 42 | (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_33_1_itc, TSPX_BS_33_1_strc, TSPX_BS_33_1_ra, TSPX_BS_33_1_sacp, '0100'B, TSPX_BS_33_1_ir, TSPX_BS_33_1_ce, TSPX_BS_33_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | |
| 43 | [TSPX_BS_33_1_ce = '00'B] | transparent |
| 44 | (TCV_ChMod.mode := C_ChMod_6k) | |
| 45 | [TCV_Service = C_9600cda] | |
| 46 | (TCV_Bcap1 := Bcap_Bs3(TSPX_BS_34_1_itc, TSPX_BS_34_1_strc, TSPX_BS_34_1_ra, TSPX_BS_34_1_sacp, '0101'B, TSPX_BS_34_1_ir, TSPX_BS_34_1_ce, TSPX_BS_34_1_modemt), TCV_Setup_mt := Setup_20(TCV_Bcap1)) | |
| 47 | [TCV_Service = C_AltSpchData_300] | |
| 48 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k, TCV_Bcap1 := Bcap_Speech) | |
| 49 | [TSPX_BS_61_300_1_S] | synchronous Data service |
| 50 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_300_S_1_ur, TSPX_BS_61_300_S_1_ir, '00'B, TSPX_BS_61_300_S_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, | |

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| 51 | TCV_Bcap1, TCV_Bcap2)) [NOT TSPX_BS_61_300_1_S] | asynchronous Data service |
| 52 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_300_A_1_strc, '00'B, TSPX_BS_61_300_A_1_ur, TSPX_BS_61_300_A_1_ir, TSPX_BS_61_300_A_1_ce, TSPX_BS_61_300_A_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | |
| 53 | [TCV_Service = C_AltSpchData_1200] | |
| 54 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k, TCV_Bcap1 := Bcap_Speech) | |
| 55 | [TSPX_BS_61_1200_1_S] | synchronous Data service |
| 56 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_1200_S_1_ur, TSPX_BS_61_1200_S_1_ir, '00'B, TSPX_BS_61_1200_S_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | |
| 57 | [NOT TSPX_BS_61_1200_1_S] | asynchronous Data service |
| 58 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_1200_A_1_strc, '00'B, TSPX_BS_61_1200_A_1_ur, TSPX_BS_61_1200_A_1_ir, TSPX_BS_61_1200_A_1_ce, TSPX_BS_61_1200_A_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | |
| 59 | [TCV_Service = C_AltSpchData_2400] | |
| 60 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k, TCV_Bcap1 := Bcap_Speech) | |
| 61 | [TSPX_BS_61_2400_1_S] | synchronous Data service |
| 62 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_2400_S_1_ur, TSPX_BS_61_2400_S_1_ir, '00'B, TSPX_BS_61_2400_S_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | |
| 63 | [NOT TSPX_BS_61_2400_1_S] | asynchronous Data service |
| 64 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_2400_A_1_strc, '00'B, TSPX_BS_61_2400_A_1_ur, TSPX_BS_61_2400_A_1_ir, TSPX_BS_61_2400_A_1_ce, TSPX_BS_61_2400_A_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | |
| 65 | [TCV_Service = C_AltSpchData_4800] | |
| 66 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_6k, TCV_Bcap1 := Bcap_Speech) | |
| 67 | [TSPX_BS_61_4800_1_S] | synchronous Data service |
| 68 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_4800_S_1_ur, TSPX_BS_61_4800_S_1_ir, '00'B, TSPX_BS_61_4800_S_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | |
| 69 | [NOT TSPX_BS_61_4800_1_S] | asynchronous Data service |
| 70 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_4800_A_1_strc, '00'B, TSPX_BS_61_4800_A_1_ur, TSPX_BS_61_4800_A_1_ir, TSPX_BS_61_4800_A_1_ce, TSPX_BS_61_4800_A_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | |

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| 71 | [TCV_Service = C_AltSpchData_9600] | |
| 72 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_12k, TCV_Bcap1 := Bcap_Speech) | |
| 73 | [TSPX_BS_61_9600_1_S] | synchronous Data service |
| 74 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_61_9600_S_1_ur, TSPX_BS_61_9600_S_1_ir, '00'B, TSPX_BS_61_9600_S_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | |
| 75 | [NOT TSPX_BS_61_9600_1_S] | asynchronous Data service |
| 76 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_61_9600_A_1_strc, '00'B, TSPX_BS_61_9600_A_1_ur, TSPX_BS_61_9600_A_1_ir, TSPX_BS_61_9600_A_1_ce, TSPX_BS_61_9600_A_1_modemt), TCV_Setup_mt := Setup_21('11010001'B, TCV_Bcap1, TCV_Bcap2)) | |
| 77 | [TCV_Service = C_SpchData_300] | |
| 78 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k, TCV_Bcap1 := Bcap_Speech) | |
| 79 | [TSPX_BS_81_300_1_S] | synchronous Data service |
| 80 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_300_S_1_ur, TSPX_BS_81_300_S_1_ir, '00'B, TSPX_BS_81_300_S_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | |
| 81 | [NOT TSPX_BS_81_300_1_S] | asynchronous Data service |
| 82 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_300_A_1_strc, '00'B, TSPX_BS_81_300_A_1_ur, TSPX_BS_81_300_A_1_ir, TSPX_BS_81_300_A_1_ce, TSPX_BS_81_300_A_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | |
| 83 | [TCV_Service = C_SpchData_1200] | |
| 84 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k, TCV_Bcap1 := Bcap_Speech) | |
| 85 | [TSPX_BS_81_1200_1_S] | synchronous Data service |
| 86 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_1200_S_1_ur, TSPX_BS_81_1200_S_1_ir, '00'B, TSPX_BS_81_1200_S_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | |
| 87 | [NOT TSPX_BS_81_1200_1_S] | asynchronous Data service |
| 88 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_1200_A_1_strc, '00'B, TSPX_BS_81_1200_A_1_ur, TSPX_BS_81_1200_A_1_ir, TSPX_BS_81_1200_A_1_ce, TSPX_BS_81_1200_A_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | |
| 89 | [TCV_Service = C_SpchData_2400] | |
| 90 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_3k, TCV_Bcap1 := Bcap_Speech) | |
| 91 | [TSPX_BS_81_2400_1_S] | synchronous Data service |
| 92 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_2400_S_1_ur, TSPX_BS_81_2400_S_1_ir, '00'B, TSPX_BS_81_2400_S_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | |

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| 93 | [NOT TSPX_BS_81_2400_1_S] | | asynchronous Data service |
| 94 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_2400_A_1_strc, '00'B, TSPX_BS_81_2400_A_1_ur, TSPX_BS_81_2400_A_1_ir, TSPX_BS_81_2400_A_1_ce, TSPX_BS_81_2400_A_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 95 | [TCV_Service = C_SpchData_4800] | | |
| 96 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_6k, TCV_Bcap1 := Bcap_Speech) | | |
| 97 | [TSPX_BS_81_4800_1_S] | | synchronous Data service |
| 98 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_4800_S_1_ur, TSPX_BS_81_4800_S_1_ir, '00'B, TSPX_BS_81_4800_S_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 99 | [NOT TSPX_BS_81_4800_1_S] | | asynchronous Data service |
| 100 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_4800_A_1_strc, '00'B, TSPX_BS_81_4800_A_1_ur, TSPX_BS_81_4800_A_1_ir, TSPX_BS_81_4800_A_1_ce, TSPX_BS_81_4800_A_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 101 | [TCV_Service = C_SpchData_9600] | | |
| 102 | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_12k, TCV_Bcap1 := Bcap_Speech) | | |
| 103 | [TSPX_BS_81_9600_1_S] | | synchronous Data service |
| 104 | (TCV_Bcap2 := Bcap_Bs3('010'B, '11'B, '00'B, '001'B, TSPX_BS_81_9600_S_1_ur, TSPX_BS_81_9600_S_1_ir, '00'B, TSPX_BS_81_9600_S_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 105 | [NOT TSPX_BS_81_9600_1_S] | | asynchronous Data service |
| 106 | (TCV_Bcap2 := Bcap_Bs2('010'B, TSPX_BS_81_9600_A_1_strc, '00'B, TSPX_BS_81_9600_A_1_ur, TSPX_BS_81_9600_A_1_ir, TSPX_BS_81_9600_A_1_ce, TSPX_BS_81_9600_A_1_modemt), TCV_Setup_mt := Setup_21('11010011'B, TCV_Bcap1, TCV_Bcap2)) | | |
| 107 | [(TCV_Service <> C_Telephony) AND(TCV_Service <> C_AltSpchG3_2400) AND(TCV_Service <> C_AltSpchG3_4800) AND(TCV_Service <> C_AltSpchG3_9600) AND(TCV_Service <> C_AutoG3_T_2400) AND(TCV_Service <> C_AutoG3_T_4800) AND(TCV_Service <> C_AutoG3_T_9600) AND(TCV_Service <> C_300cda) AND(TCV_Service <> C_1200cda) AND(TCV_Service <> C_2400cda) AND(TCV_Service <> C_4800cda) AND(TCV_Service <> C_9600cda) AND(TCV_Service <> C_1200cds) AND(TCV_Service <> C_2400cds) AND(TCV_Service <> C_4800cds) AND(TCV_Service <> C_9600cds) AND(TCV_Service <> C_AltSpchData_300) AND(TCV_Service <> C_AltSpchData_1200) AND(TCV_Service <> C_AltSpchData_2400) AND(TCV_Service <> C_AltSpchData_4800) AND(TCV_Service <> C_AltSpchData_9600) AND(TCV_Service <> C_SpchData_300) AND(TCV_Service <> C_SpchData_1200) AND(TCV_Service <> C_SpchData_2400) | I | |

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| | | AND(TCV_Service <> C_SpchData_4800) AND(TCV_Service <> C_SpchData_9600)] | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | BasicServiceMTbis(svc:MTSERVICES; rate:RATE; Immconn:BOOLEAN) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To get a MT SETUP message with right BC IE. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | Used for CC tests | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Service := svc, TCV_ChRate :=rate, TCV_ImmConn := Immconn, TCV_ChMod.iei := '01100011'B, TCV_ChMod.mode := C_ChMod_12k, TCV_ChModb.iei := '01100011'B, TCV_ChModb.mode := C_ChMod_12k) | | | |
| 2 | | [TCV_Service = C_Telephony] | | | |
| 3 | | (TCV_ChMod.mode := C_ChMod_r, TCV_Setup_mt := Setup_01) | | | |
| 4 | | [TCV_Service = C_AltSpchG3_2400] | | | |
| 5 | | +TS61MT(C_AltSpchG3_2400, TSPX_FAX_2400_T_NT, C_2400Kbs, TSPX_FAX_2400_1_ce) | | | |
| 6 | | [TCV_Service = C_AltSpchG3_4800] | | | |
| 7 | | +TS61MT(C_AltSpchG3_4800, TSPX_FAX_4800_T_NT, C_4800Kbs, TSPX_FAX_4800_1_ce) | | | |
| 8 | | [TCV_Service = C_AltSpchG3_9600] | | | |
| 9 | | +TS61MT(C_AltSpchG3_9600, TSPX_FAX_9600_T_NT, C_9600Kbs, TSPX_FAX_9600_1_ce) | | | |
| 10 | | [TCV_Service = C_AutoG3_T_2400] | | | |
| 11 | | +TS62MT(C_AutoG3_T_2400, TSPX_FAX_2400_T_NT, C_2400Kbs, TSPX_FAX_2400_1_ce) | | | |
| 12 | | [TCV_Service = C_AutoG3_T_4800] | | | |
| 13 | | +TS62MT(C_AutoG3_T_4800, TSPX_FAX_4800_T_NT, C_4800Kbs, TSPX_FAX_4800_1_ce) | | | |
| 14 | | [TCV_Service = C_AutoG3_T_9600] | | | |
| 15 | | +TS62MT(C_AutoG3_T_9600, TSPX_FAX_9600_T_NT, C_9600Kbs, TSPX_FAX_9600_1_ce) | | | |
| 16 | | [TCV_Service = C_300cda] | | | |
| 17 | | +BS2xMT(C_300cda, TSPX_BS21more, TSPX_BS_21_T_NT, TSPX_BS_21_1_itc, TSPX_BS_21_2_itc, C_300Kbs, C_modemt_V21, TSPX_nirr) | | | |
| 18 | | [TCV_Service = C_1200cda] | | | |
| 19 | | +BS2xMT(C_1200cda, TSPX_BS22more, TSPX_BS_22_T_NT, TSPX_BS_22_1_itc, TSPX_BS_22_2_itc, C_1200Kbs, C_modemt_V22, TSPX_nirr) | | | |
| 20 | | [TCV_Service = C_2400cda] | | | |
| 21 | | +BS2xMT(C_2400cda, TSPX_BS24more, TSPX_BS_24_T_NT, TSPX_BS_24_1_itc, TSPX_BS_24_2_itc, C_2400Kbs, C_modemt_V22bis, TSPX_nirr) | | | |
| 22 | | [TCV_Service = C_4800cda] | | | |
| 23 | | +BS2xMT(C_4800cda, TSPX_BS25more, TSPX_BS_25_T_NT, TSPX_BS_25_1_itc, TSPX_BS_25_2_itc, C_4800Kbs, C_modemt_V32, TSPX_nirr) | | | |
| 24 | | [TCV_Service = C_9600cda] | | | |
| 25 | | +BS2xMT(C_9600cda, TSPX_BS26more, TSPX_BS_26_T_NT, TSPX_BS_26_1_itc, TSPX_BS_26_2_itc, C_9600Kbs, C_modemt_V32, C_nirr_nomeaning) | | | |
| 26 | | [TCV_Service = C_1200cds] | | | |
| 27 | | +BS3xMT(C_1200cds, TSPX_BS31more, FALSE, TSPX_BS31more_sacp, TSPX_BS_31_1_itc, TSPX_BS_31_2_itc, TSPX_BS_31_1_sacp, TSPX_BS_31_2_sacp, C_1200Kbs) | | | |

28 [TCV_Service = C_2400cds]
 29 +BS3xMT(C_2400cds, TSPX_BS32more,
 TSPX_BS_32_X32_T_NT,
 TSPX_BS32more_sacp, TSPX_BS_32_1_itc,
 TSPX_BS_32_2_itc, TSPX_BS_32_1_sacp,
 TSPX_BS_32_2_sacp, C_2400Kbs)
 30 [TCV_Service = C_4800cds]
 31 +BS3xMT(C_4800cds, TSPX_BS33more,
 TSPX_BS_33_X32_T_NT,
 TSPX_BS33more_sacp, TSPX_BS_33_1_itc,
 TSPX_BS_33_2_itc, TSPX_BS_33_1_sacp,
 TSPX_BS_33_2_sacp, C_4800Kbs)
 32 [TCV_Service = C_9600cds]
 33 +BS3xMT(C_9600cds, TSPX_BS34more,
 TSPX_BS_34_X32_T_NT,
 TSPX_BS34more_sacp, TSPX_BS_34_1_itc,
 TSPX_BS_34_2_itc, TSPX_BS_34_1_sacp,
 TSPX_BS_34_2_sacp, C_9600Kbs)
 34 [TCV_Service = C_AltSpchData_300]
 35 +BS61or81MT(C_AltSpchData_300,
 TSPX_BS_61_300_A_T_NT, C_300Kbs,
 TSPX_BS_61_300_ce, C_Asynchronous,
 C_RI_alternate)
 36 [TCV_Service = C_AltSpchData_1200]
 37 +BS61or81MT(C_AltSpchData_1200,
 TSPX_BS_61_1200_A_T_NT, C_1200Kbs,
 TSPX_BS_61_1200_ce, TSPX_BS_61_1200_sa,
 C_RI_alternate)
 38 [TCV_Service = C_AltSpchData_2400]
 39 +BS61or81MT(C_AltSpchData_2400,
 TSPX_BS_61_2400_A_T_NT, C_2400Kbs,
 TSPX_BS_61_2400_ce, TSPX_BS_61_2400_sa,
 C_RI_alternate)
 40 [TCV_Service = C_AltSpchData_4800]
 41 +BS61or81MT(C_AltSpchData_4800,
 TSPX_BS_61_4800_A_T_NT, C_4800Kbs,
 TSPX_BS_61_4800_ce, TSPX_BS_61_4800_sa,
 C_RI_alternate)
 42 [TCV_Service = C_AltSpchData_9600]
 43 +BS61or81MT(C_AltSpchData_9600,
 TSPX_BS_61_9600_A_T_NT, C_9600Kbs,
 TSPX_BS_61_9600_ce, TSPX_BS_61_9600_sa,
 C_RI_alternate)
 44 [TCV_Service = C_SpchData_300]
 45 +BS61or81MT(C_SpchData_300,
 TSPX_BS_81_300_A_T_NT, C_300Kbs,
 TSPX_BS_81_300_ce, C_Asynchronous,
 C_RI_follow)
 46 [TCV_Service = C_SpchData_1200]
 47 +BS61or81MT(C_SpchData_1200,
 TSPX_BS_81_1200_A_T_NT, C_1200Kbs,
 TSPX_BS_81_1200_ce, TSPX_BS_81_1200_sa,
 C_RI_follow)
 48 [TCV_Service = C_SpchData_2400]
 49 +BS61or81MT(C_SpchData_2400,
 TSPX_BS_81_2400_A_T_NT, C_2400Kbs,
 TSPX_BS_81_2400_ce, TSPX_BS_81_2400_sa,
 C_RI_follow)
 50 [TCV_Service = C_SpchData_4800]
 51 +BS61or81MT(C_SpchData_4800,
 TSPX_BS_81_4800_A_T_NT, C_4800Kbs,
 TSPX_BS_81_4800_ce, TSPX_BS_81_4800_sa,
 C_RI_follow)
 52 [TCV_Service = C_SpchData_9600]
 53 +BS61or81MT(C_SpchData_9600,
 TSPX_BS_81_9600_A_T_NT, C_9600Kbs,
 TSPX_BS_81_9600_ce, TSPX_BS_81_9600_sa,
 C_RI_follow)
 54 [(TCV_Service <> C_Telephony) AND(TCV_Service
 <> C_AltSpchG3_2400) AND(TCV_Service <>
 C_AltSpchG3_4800) AND(TCV_Service <>
 C_AltSpchG3_9600) AND(TCV_Service <>
 C_AutoG3_T_2400) AND(TCV_Service <>

| | | | | |
|--|--|--|--|--|
| | C_AutoG3_T_4800) AND(TCV_Service <> C_AutoG3_T_9600) AND(TCV_Service <> C_300cda) AND(TCV_Service <> C_1200cda) AND(TCV_Service <> C_2400cda) AND(TCV_Service <> C_4800cda) AND(TCV_Service <> C_9600cda) AND(TCV_Service <> C_1200cda) AND(TCV_Service <> C_2400cda) AND(TCV_Service <> C_4800cda) AND(TCV_Service <> C_9600cda) AND(TCV_Service <> C_AltSpchData_300) AND(TCV_Service <> C_AltSpchData_1200) AND(TCV_Service <> C_AltSpchData_2400) AND(TCV_Service <> C_AltSpchData_4800) AND(TCV_Service <> C_AltSpchData_9600) AND(TCV_Service <> C_SpchData_300) AND(TCV_Service <> C_SpchData_1200) AND(TCV_Service <> C_SpchData_2400) AND(TCV_Service <> C_SpchData_4800) AND(TCV_Service <> C_SpchData_9600)] | | | |
|--|--|--|--|--|

Detailed Comments:

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|------------|
| Test Step Name: | | BS2xMT(srv:MTSERVICES; more, both:BOOLEAN; itc1, itc2:B_3; ur:B_4; modem:B_5; nirr:B_1) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To get a MT SETUP message with right BC IE for BS2x service. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OO_IFsetupbis(srv, ur, itc1, C_sacp_NA, C_ce_NA, C_sa_NA)) | | | |
| 2 | | +local_bcap1 | | | |
| 3 | | [both OR more] | | | |
| 4 | | +local_bcap2 | | | |
| 5 | | (TCV_Setup_mt := Setup_21(C_RI_alterate, TCV_Bcap1, TCV_Bcap2)) | | | |
| 6 | | +local_chmod | | | |
| 7 | | [NOT both AND NOT more] | | | |
| 8 | | (TCV_Setup_mt := Setup_20(TCV_Bcap1)) | | | |
| 9 | | +local_chmod | | | |
| | | local_chmod | | | |
| 10 | | [ur = C_9600Kbs] | | | |
| 11 | | (TCV_ChMod.mode := C_ChMod_12k, TCV_ChModb.mode := C_ChMod_12k) | | | |
| 12 | | [ur <> C_9600Kbs] | | | |
| 13 | | (TCV_ChMod.mode := C_ChMod_6k, TCV_ChModb.mode := C_ChMod_6k) | | | |
| | | local_bcap1 | | | |
| 14 | | [itc1 = C_31kHz] | | | 31kHz |
| 15 | | +BS2x_31K_NT | | | |
| 16 | | [itc1 = C_UDI] | | | UDI |
| 17 | | +BS2x_UDI_NT | | | |
| 18 | | [(itc1 <> C_31kHz) AND(itc1 <> C_UDI)] | | I | |
| | | local_bcap2 | | | |
| 19 | | [more AND both AND (itc2 = C_31kHz)] | | | 3.1 kHz |
| 20 | | +BS2x_31K_T(C_transparent) | | | |
| 21 | | [more AND both AND (itc2 = C_UDI)] | | | UDI |
| 22 | | +BS2x_UDI_T(C_transparent) | | | |
| 23 | | [more AND NOT both AND (itc2 = C_31kHz)] | | | 3.1 kHz |
| 24 | | +BS2x_31K_T(C_BothT) | | | |
| 25 | | [more AND NOT both AND (itc2 = C_UDI)] | | | UDI |
| 26 | | +BS2x_UDI_T(C_BothT) | | | |
| 27 | | [NOT more AND (itc1 = C_31kHz)] | | | 3.1 kHz |
| 28 | | +BS2x_31K_T(C_transparent) | | | |
| 29 | | [NOT more AND (itc1 = C_UDI)] | | | UDI |
| 30 | | +BS2x_UDI_T(C_transparent) | | | |
| 31 | | [(more AND((itc2 <> C_31kHz) AND(itc2 <> C_UDI))) OR(NOT more AND((itc1 <> C_31kHz) AND(itc1 <> C_UDI)))] | | I | |
| | | BS2x_31K_NT | | | |
| 32 | | [TSPX_TE_FLCT = "Inband"] | | | |
| 33 | | (TCV_Bcap1 := BcapX(C_31kHz, C_SDUintegrity, nirr, C_no_rate_adaption, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, C_ir_16kbs, TSPX_TE_parity, C_BothNT, modem, C_ISO6429)) | | | 11.8.1.1.2 |
| 34 | | [TSPX_TE_FLCT = "Nocontrol"] | | | |
| 35 | | (TCV_Bcap1 := BcapX(C_31kHz, C_SDUintegrity, nirr, C_no_rate_adaption, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, C_ir_16kbs, TSPX_TE_parity, C_BothNT, modem, C_COPnoFLCT)) | | | 11.8.1.1.2 |
| 36 | | [(TSPX_TE_FLCT = "Outband") OR(TSPX_TE_FLCT <> "Inband") AND(TSPX_TE_FLCT <> "Nocontrol")] | | I | |

| | | | | |
|---------------------------|--|--|---|--------------|
| 37 38 | BS2x_UDI_NT [TSPX_TE_FLCT = "Outband"] (TCV_Bcap1 := Bcap(C_UDI, C_SDUIegrity, nirr, C_rate_adaption_V110, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, C_ir_16kbs, TSPX_TE_parity, C_BothNT, C_modemt_none)) | | | 11.8.1.1.1.4 |
| 39 40 | [TSPX_TE_FLCT = "Inband"] (TCV_Bcap1 := BcapX(C_UDI, C_SDUIegrity, nirr, C_rate_adaption_V110, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, C_ir_16kbs, TSPX_TE_parity, C_BothNT, C_modemt_none, C_ISO6429)) | | | 11.8.1.1.1.4 |
| 41 42 | [TSPX_TE_FLCT = "Nocontrol"] (TCV_Bcap1 := BcapX(C_UDI, C_SDUIegrity, nirr, C_rate_adaption_V110, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, C_ir_16kbs, TSPX_TE_parity, C_BothNT, C_modemt_none, C_COPnoFLCT)) | | | 11.8.1.1.1.4 |
| 43 | [(TSPX_TE_FLCT <> "Outband") AND(TSPX_TE_FLCT <> "Inband") AND(TSPX_TE_FLCT <> "Nocontrol")] | | I | |
| 44 | BS2x_31K_T(ce:B_2) (TCV_Bcap2 := Bcap(C_31kHz, C_Unstructured, C_nirr_nomeaning, C_no_rate_adaption, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, C_ir_16kbs, TSPX_TE_parity, ce, modem)) | | | 11.8.1.1.1.1 |
| 45 | BS2x_UDI_T(ce:B_2) (TCV_Bcap2 := Bcap(C_UDI, C_Unstructured, C_nirr_nomeaning, C_rate_adaption_V110, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, C_ir_16kbs, TSPX_TE_parity, ce, C_modemt_none)) | | | 11.8.1.1.1.3 |
| Detailed Comments: | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | BS3xMT(srv:MTSERVICES; more, both, more_sacp:BOOLEAN; itc1, itc2, sacp1, sacp2:B_3; ur:B_4) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To get a MT SETUP message with right BC IEs for BS3x service. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +local_IFsetup | | | |
| 2 | | +local_bcap1 | | | |
| 3 | | (TCV_Bcap1 := TCV_Bcap2) | | | |
| 4 | | [both OR more] | | | |
| 5 | | [more] | | | |
| 6 | | +local_bcap2 | | | |
| 7 | | (TCV_Setup_mt := Setup_21(C_RI_alternate, TCV_Bcap1, TCV_Bcap2)) | | | |
| 8 | | +local_chmod | | | |
| 9 | | [NOT more] | | | |
| 10 | | [(itc1 = C_31kHz) AND (sacp1 = C_X32)] | | | |
| 11 | | +local_31K_X32_T | | | |
| 12 | | (TCV_Setup_mt := Setup_21(C_RI_alternate, TCV_Bcap1, TCV_Bcap2)) | | | |
| 13 | | +local_chmod | | | |
| 14 | | [(itc1 <> C_31kHz) OR(sacp1 <> C_X32)] | | | |
| 15 | | (TCV_Setup_mt := Setup_20(TCV_Bcap1)) | | | |
| 16 | | +local_chmod | | | |
| 17 | | [NOT both AND NOT more] | | | |
| 18 | | (TCV_Setup_mt := Setup_20(TCV_Bcap1)) | | | |
| 19 | | +local_chmod | | | |
| | | local_IFsetup | | | |
| 20 | | [sacp1 = C_X32] | | | |
| 21 | | (TCV_Null := OO_IFsetupbis(srv, ur, itc1, sacp1, C_nottransparent, C_sa_NA)) | | | |
| 22 | | [sacp1 <> C_X32] | | | |
| 23 | | (TCV_Null := OO_IFsetupbis(srv, ur, itc1, sacp1, C_transparent, C_sa_NA)) | | | |
| | | local_chmod | | | |
| 24 | | [ur = C_9600Kbs] | | | |
| 25 | | (TCV_ChMod.mode := C_ChMod_12k, TCV_ChModb.mode := C_ChMod_12k) | | | |
| 26 | | [ur <> C_9600Kbs] | | | |
| 27 | | (TCV_ChMod.mode := C_ChMod_6k, TCV_ChModb.mode := C_ChMod_6k) | | | |
| | | local_bcap1 | | | |
| 28 | | [(itc1 = C_31kHz)] | | | |
| 29 | | +local_31K(sacp1) | | | |
| 30 | | [(itc1 = C_UDI)] | | | |
| 31 | | +local_UDI(sacp1) | | | |
| 32 | | [[itc1 <> C_31kHz) AND(itc1 <> C_UDI)]] | | I | |
| | | local_bcap2 | | | |
| 33 | | [(itc2 = C_31kHz)] | | | |
| 34 | | [more_sacp] | | | |
| 35 | | +local_31K(sacp2) | | | |
| 36 | | [NOT more_sacp] | | | |
| 37 | | +local_31K(sacp1) | | | |
| 38 | | [(itc2 = C_UDI)] | | | |
| 39 | | [more_sacp] | | | |
| 40 | | +local_UDI(sacp2) | | | |
| 41 | | [NOT more_sacp] | | | |
| 42 | | +local_UDI(sacp1) | | | |

| | | | | | |
|----|--|--|--|---|--------------|
| 43 | [[(itc2 <> C_31kHz) AND(itc2 <> C_UDI)]] | | | | |
| | local_31K(sacp:B_3) | | | | |
| 44 | [sacp = C_l440_450] | | | | |
| 45 | [ur = C_1200Kbs] | | | | |
| 46 | +BS3x_31K_T(C_ir_8kbs, C_modemt_V22) | | | | |
| 47 | [ur = C_2400Kbs] | | | | |
| 48 | +BS3x_31K_T(C_ir_8kbs, C_modemt_V22bis) | | | | |
| 49 | [ur = C_4800Kbs] | | | | |
| 50 | +BS3x_31K_T(C_ir_8kbs, C_modemt_V32) | | | | |
| 51 | [ur = C_9600Kbs] | | | | |
| 52 | +BS3x_31K_T(C_ir_16kbs, C_modemt_V32) | | | | |
| 53 | [(ur <> C_1200Kbs) AND(ur <> C_2400Kbs) AND(ur <> C_4800Kbs) AND(ur <> C_9600Kbs)] | | | I | |
| 54 | [sacp = C_X32] | | | | |
| 55 | [ur = C_2400Kbs] | | | | |
| 56 | +BS3x_31K_X32_NT(TSPX_nirr, C_modemt_V22bis) | | | | |
| 57 | [ur = C_4800Kbs] | | | | |
| 58 | +BS3x_31K_X32_NT(TSPX_nirr, C_modemt_V32) | | | | |
| 59 | [ur = C_9600Kbs] | | | | |
| 60 | +BS3x_31K_X32_NT(C_nirr_nomeaning, C_modemt_V32) | | | | |
| 61 | [(ur <> C_2400Kbs) AND(ur <> C_4800Kbs) AND(ur <> C_9600Kbs)] | | | I | |
| 62 | [[(sacp <> C_l440_450) AND(sacp <> C_X32)]] | | | I | |
| | local_UDI(sacp:B_3) | | | | |
| 63 | [sacp = C_l440_450] | | | | |
| 64 | [ur = C_9600Kbs] | | | | |
| 65 | +BS3x_UDI_T(C_ir_16kbs) | | | | |
| 66 | [ur <> C_9600Kbs] | | | | |
| 67 | +BS3x_UDI_T(C_ir_8kbs) | | | | |
| 68 | [sacp = C_X21] | | | | |
| 69 | [ur = C_9600Kbs] | | | | |
| 70 | +BS3x_UDI_X21_T(C_ir_16kbs) | | | | |
| 71 | [ur <> C_9600Kbs] | | | | |
| 72 | +BS3x_UDI_X21_T(C_ir_8kbs) | | | | |
| 73 | [sacp = C_X32] | | | | |
| 74 | [ur <> C_1200Kbs] | | | | |
| 75 | [ur = C_9600Kbs] | | | | |
| 76 | +BS3x_UDI_X32_NT(C_ir_16kbs) | | | | |
| 77 | [ur <> C_9600Kbs] | | | | |
| 78 | +BS3x_UDI_X32_NT(C_ir_8kbs) | | | | |
| 79 | [ur = C_1200Kbs] | | | I | |
| 80 | [[(sacp <> C_l440_450) AND(sacp <> C_X21) AND(sacp <> C_X32)]] | | | I | |
| | local_31K_X32_T | | | | |
| 81 | [ur = C_2400Kbs] | | | | |
| 82 | +BS3x_31K_X32_T(C_ir_8kbs, C_modemt_V22bis) | | | | |
| 83 | [ur = C_4800Kbs] | | | | |
| 84 | +BS3x_31K_X32_T(C_ir_8kbs, C_modemt_V32) | | | | |
| 85 | [ur = C_9600Kbs] | | | | |
| 86 | +BS3x_31K_X32_T(C_ir_16kbs, C_modemt_V32) | | | | |
| 87 | [(ur <> C_2400Kbs) AND(ur <> C_4800Kbs) AND(ur <> C_9600Kbs)] | | | I | |
| | BS3x_31K_T(ir:B_2; modemt:B_5) | | | | |
| 88 | (TCV_Bcap2 := Bcap(C_31kHz, C_Unstructured, C_nirr_nomeaning, C_no_rate_adaption, C_l440_450, C_Synchronous, C_stopbit_NA, C_databit_NA, ur, ir, C_parity_NA, C_transparent, modemt)) | | | | 11.8.1.2.1.1 |

| | | | |
|---------------------------|---|--|--------------|
| 89 | <p>BS3x_UDI_T(ir:B_2) (TCV_Bcap2 := Bcap(C_UDI, C_Unstructured, C_nirr_nomeaning, C_rate_adaption_V110, C_I440_450, C_Synchronous, C_stopbit_NA, C_databit_NA, ur, ir, C_parity_NA, C_transparent, C_modemt_none))</p> | | 11.8.1.2.1.2 |
| 90 | <p>BS3x_UDI_X21_T(ir:B_2) (TCV_Bcap2 := Bcap(C_UDI, C_Unstructured, C_nirr_nomeaning, C_rate_adaption_V110, C_X21, C_Synchronous, C_stopbit_NA, C_databit_NA, ur, ir, C_parity_NA, C_transparent, C_modemt_none))</p> | | 11.8.1.2.1.2 |
| 91 | <p>BS3x_31K_X32_T(ir:B_2; modemt:B_5) (TCV_Bcap2 := Bcap(C_31kHz, C_Unstructured, C_nirr_nomeaning, C_no_rate_adaption, C_X32, C_Synchronous, C_stopbit_NA, C_databit_NA, ur, ir, C_parity_NA, C_transparent, modemt))</p> | | 11.8.1.2.1.3 |
| 92 | <p>BS3x_31K_X32_NT(nirr:B_1; modemt:B_5) (TCV_Bcap2 := BcapX(C_31kHz, C_SDUintegrity, nirr, C_no_rate_adaption, C_X32, C_Synchronous, C_stopbit_NA, C_databit_NA, ur, C_ir_16kbs, C_parity_NA, C_BothNT, modemt, C_X25_flct))</p> | | 11.8.1.2.1.4 |
| 93 | <p>BS3x_UDI_X32_NT(nirr:B_1) (TCV_Bcap2 := BcapX(C_UDI, C_SDUintegrity,nirr, C_rate_adaption_X31, C_X32, C_Synchronous, C_stopbit_NA, C_databit_NA, ur, C_ir_16kbs, C_parity_NA, C_notransparent, C_modemt_none, C_X25_flct))</p> | | 11.8.1.2.1.5 |
| Detailed Comments: | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | BS61or81MT(srv:MTSERVICES; both:BOOLEAN; ur:B_4; ce:B_2; sa:B_1; ri:B_8) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To get a MT SETUP message with right BC IE for BS61 or BS81 service. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OO_IFsetupbis(srv, ur, C_itsc_NA, C_sacp_NA, ce, sa)) | | | |
| 2 | | (TCV_Bcap1 := Bcap_Speech) | | | |
| 3 | | [sa = C_Asynchrous] | | | |
| 4 | | +local_bcap2A | | | |
| 5 | | (TCV_Setup_mt := Setup_21(ri, TCV_Bcap1, TCV_Bcap2)) | | | |
| 6 | | +local_chmod | | | |
| 7 | | [sa = C_Synchronous] | | | |
| 8 | | +local_bcap2S | | | |
| 9 | | (TCV_Setup_mt := Setup_21(ri, TCV_Bcap1, TCV_Bcap2)) | | | |
| 10 | | +local_chmod | | | |
| | | local_chmod | | | |
| 11 | | [ur = C_9600Kbs] | | | |
| 12 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_12k) | | | |
| 13 | | [ur <> C_9600Kbs] | | | |
| 14 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_6k) | | | |
| | | local_bcap2A | | | |
| 15 | | [ce = C_transparent] | | | |
| 16 | | [ur = C_300Kbs] | | | |
| 17 | | +BS61or81_A_T(C_ir_8kbs, C_modemt_V21) | | | |
| 18 | | [ur = C_1200Kbs] | | | |
| 19 | | +BS61or81_A_T(C_ir_8kbs, C_modemt_V22) | | | |
| 20 | | [ur = C_2400Kbs] | | | |
| 21 | | +BS61or81_A_T(C_ir_8kbs, C_modemt_V22bis) | | | |
| 22 | | [ur = C_4800Kbs] | | | |
| 23 | | +BS61or81_A_T(C_ir_8kbs, C_modemt_V32) | | | |
| 24 | | [ur = C_9600Kbs] | | | |
| 25 | | +BS61or81_A_T(C_ir_16kbs, C_modemt_V32) | | | |
| 26 | | [(ur <> C_300Kbs) AND(ur <> C_1200Kbs) AND(ur <> C_2400Kbs) AND(ur <> C_4800Kbs) AND(ur <> C_9600Kbs)] | | I | |
| 27 | | [ce = C_nottransparent] | | | |
| 28 | | [both] | | | |
| 29 | | [ur = C_300Kbs] | | | |
| 30 | | +BS61or81_A_NT(TSPX_nirr, C_modemt_V21, C_BothNT) | | | |
| 31 | | [ur = C_1200Kbs] | | | |
| 32 | | +BS61or81_A_NT(TSPX_nirr, C_modemt_V22, C_BothNT) | | | |
| 33 | | [ur = C_2400Kbs] | | | |
| 34 | | +BS61or81_A_NT(TSPX_nirr, C_modemt_V22bis, C_BothNT) | | | |
| 35 | | [ur = C_4800Kbs] | | | |
| 36 | | +BS61or81_A_NT(TSPX_nirr, C_modemt_V32, C_BothNT) | | | |
| 37 | | [ur = C_9600Kbs] | | | |
| 38 | | +BS61or81_A_NT(C_nirr_nomeaning, C_modemt_V32, C_BothNT) | | | |
| 39 | | [(ur <> C_300Kbs) AND(ur <> C_1200Kbs) AND(ur <> C_2400Kbs) AND(ur <> C_4800Kbs) AND(ur <> C_9600Kbs)] | | I | |
| 40 | | [NOT both] | | | |
| 41 | | [ur = C_300Kbs] | | | |
| 42 | | +BS61or81_A_NT(TSPX_nirr, | | | |

| | | | |
|----|--|------------|--|
| 43 | C_modemt_V21, C_notransparent) | | |
| 44 | [ur = C_1200Kbs] | | |
| 45 | +BS61or81_A_NT(TSPX_nirr, C_modemt_V22, C_notransparent) | | |
| 46 | [ur = C_2400Kbs] | | |
| 47 | +BS61or81_A_NT(TSPX_nirr, C_modemt_V22bis, C_notransparent) | | |
| 48 | [ur = C_4800Kbs] | | |
| 49 | +BS61or81_A_NT(TSPX_nirr, C_modemt_V32, C_notransparent) | | |
| 50 | [ur = C_9600Kbs] | | |
| 51 | +BS61or81_A_NT(C_nirr_nomeaning, C_modemt_V32, C_notransparent) | | |
| 52 | [(ur <> C_300Kbs) AND(ur <> C_1200Kbs) AND(ur <> C_2400Kbs) AND(ur <> C_4800Kbs) AND(ur <> C_9600Kbs)] | I | |
| 53 | [[ce <> C_notransparent) AND(ce <> C_transparent)] | I | |
| 54 | local_bcap2S | | |
| 55 | [ur = C_1200Kbs] | | |
| 56 | +BS61or81_S_T(C_ir_8kbs, C_modemt_V22) | | |
| 57 | [ur = C_2400Kbs] | | |
| 58 | +BS61or81_S_T(C_ir_8kbs, C_modemt_V22bis) | | |
| 59 | [ur = C_4800Kbs] | | |
| 60 | +BS61or81_S_T(C_ir_8kbs, C_modemt_V32) | | |
| 61 | [ur = C_9600Kbs] | | |
| 62 | +BS61or81_S_T(C_ir_16kbs, C_modemt_V32) | | |
| 63 | [(ur <> C_1200Kbs) AND(ur <> C_2400Kbs) AND(ur <> C_4800Kbs) AND(ur <> C_9600Kbs)] | I | |
| 64 | BS61or81_A_T(ir:B_2; modemt:B_5) | | |
| 65 | [TSPX_TE_FLCT = "Outband"] | | |
| 66 | (TCV_Bcap2 := Bcap(C_31kHz, C_Unstructured, C_nirr_nomeaning, C_no_rate_adaption, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, ir, TSPX_TE_parity, C_transparent, modemt)) | 11.8.1.3.1 | |
| 67 | [TSPX_TE_FLCT = "Inband"] | | |
| 68 | (TCV_Bcap2 := BcapX(C_31kHz, C_Unstructured, C_nirr_nomeaning, C_no_rate_adaption, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, ir, TSPX_TE_parity, C_transparent, modemt, C_ISO6429)) | 11.8.1.3.1 | |
| 69 | [TSPX_TE_FLCT = "Nocontrol"] | | |
| 70 | (TCV_Bcap2 := BcapX(C_31kHz, C_Unstructured, C_nirr_nomeaning, C_no_rate_adaption, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, ir, TSPX_TE_parity, C_transparent, modemt, C_COPnoFLCT)) | 11.8.1.3.1 | |
| 71 | [(TSPX_TE_FLCT <> "Outband") AND(TSPX_TE_FLCT <> "Inband") AND(TSPX_TE_FLCT <> "Nocontrol")] | I | |
| 72 | BS61or81_A_NT(nirr:B_1; modemt:B_5; cel:B_2) | | |
| 73 | [TSPX_TE_FLCT = "Outband"] | | |
| 74 | (TCV_Bcap2 := Bcap(C_31kHz, C_SDUintegrity, nirr, C_no_rate_adaption, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, C_ir_16kbs, TSPX_TE_parity, cel, modemt)) | 11.8.1.3.2 | |
| 75 | [TSPX_TE_FLCT = "Inband"] | | |
| 76 | (TCV_Bcap2 := BcapX(C_31kHz, C_SDUintegrity, nirr, C_no_rate_adaption, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, TSPX_TE_databit, ur, C_ir_16kbs, TSPX_TE_parity, cel, modemt, C_ISO6429)) | 11.8.1.3.2 | |
| 77 | [TSPX_TE_FLCT = "Nocontrol"] | | |
| 78 | (TCV_Bcap2 := BcapX(C_31kHz, C_SDUintegrity, nirr, C_no_rate_adaption, C_I440_450, C_Asynchronous, TSPX_TE_stopbit, | 11.8.1.3.2 | |

| | | | | |
|---------------------------|---|--|---|------------|
| 75 | TSPX_TE_databit, ur, C_ir_16kbs, TSPX_TE_parity, cel, modemt, C_COPnoFLCT)) [(TSPX_TE_FLCT <> "Outband") AND(TSPX_TE_FLCT <> "Inband") AND(TSPX_TE_FLCT <> "Nocontrol")] | | I | |
| 76 | BS61or81_S_T(ir:B_2; modemt:B_5) (TCV_Bcap2 := Bcap(C_31kHz, C_Unstructured, C_nirr_nomeaning, C_no_rate_adaption, C_l440_450, C_Synchronous, C_stopbit_NA, C_databit_NA, ur, ir, C_parity_NA, C_transparent, modemt)) | | | 11.8.1.3.3 |
| Detailed Comments: | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|------------|
| Test Step Name: | | TS61MT(srv:MTSERVICES; both:BOOLEAN; ur:B_4; ce:B_2) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To get a MT SETUP message with right BC IE for TS61 service. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OO_IFsetupbis(srv, ur, C_itc_NA, C_sacp_NA, ce, C_sa_NA)) | | | |
| 2 | | (TCV_Bcap1 := Bcap_Speech) | | | |
| 3 | | +local_bcap2 | | | |
| 4 | | (TCV_Setup_mt := Setup_21(C_RI_alternate, TCV_Bcap1, TCV_Bcap2)) | | | |
| 5 | | +local_chmod | | | |
| local_chmod | | | | | |
| 6 | | [ur = C_9600Kbs] | | | |
| 7 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_12k) | | | |
| 8 | | [ur <> C_9600Kbs] | | | |
| 9 | | (TCV_ChMod.mode := C_ChMod_r, TCV_ChModb.mode := C_ChMod_6k) | | | |
| local_bcap2 | | | | | |
| 10 | | [ce = C_transparent] | | | |
| 11 | | [ur = C_2400Kbs] | | | |
| 12 | | +TS61_FAX3_T(C_ir_8kbs) | | | |
| 13 | | [ur = C_4800Kbs] | | | |
| 14 | | +TS61_FAX3_T(C_ir_8kbs) | | | |
| 15 | | [ur = C_9600Kbs] | | | |
| 16 | | +TS61_FAX3_T(C_ir_16kbs) | | | |
| 17 | | [(ur <> C_2400Kbs) AND(ur <> C_4800Kbs) AND(ur <> C_9600Kbs)] | | I | |
| 18 | | [ce = C_nottransparent] | | | |
| 19 | | [both] | | | |
| 20 | | +TS61_FAX3_NT(C_BothNT) | | | |
| 21 | | [NOT both] | | | |
| 22 | | +TS61_FAX3_NT(C_nottransparent) | | | |
| 23 | | [(ce <> C_nottransparent) AND(ce <> C_transparent)] | | I | |
| TS61_FAX3_T(ir:B_2) | | | | | |
| 24 | | (TCV_Bcap2 := Bcap(C_FAX3, C_Unstructured, C_nirr_nomeaning, C_no_rate_adaption, C_sacp_NA, C_Synchronous, C_stopbit_NA, C_databit_NA, ur, ir, C_parity_NA, C_transparent, C_modemt_none)) | | | 11.8.1.5.1 |
| TS61_FAX3_NT(ce:B_2) | | | | | |
| 25 | | (TCV_Bcap2 := Bcap(C_FAX3, C_SDUintegrity, TSPX_nirr, C_no_rate_adaption, C_sacp_NA, C_Synchronous, C_stopbit_NA, C_databit_NA, ur, C_ir_16kbs, C_parity_NA, ce, C_modemt_none)) | | | 11.8.1.5.2 |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|------|---|------------|
| Test Step Name: TS62MT(srv:MTSERVICES; both:BOOLEAN; ur:B_4; ce:B_2) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To get a MT SETUP message with right BC IE for TS62 service. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Null := OO_IFsetupbis(srv, ur, C_itc_NA, C_sacp_NA, ce, C_sa_NA)) | | | |
| 2 | | [both] | | | |
| 3 | | +TS61_FAX3_NT(C_BothNT) | | | |
| 4 | | (TCV_Bcap1 := TCV_Bcap2) | | | |
| 5 | | +local_bcapT | | | |
| 6 | | (TCV_Setup_mt := Setup_21(C_RI_alterate, TCV_Bcap1, TCV_Bcap2)) | | | |
| 7 | | +local_chmod | | | |
| 8 | | [NOT both] | | | |
| 9 | | +local_bcapT | | | |
| 10 | | (TCV_Setup_mt := Setup_20(TCV_Bcap2)) | | | |
| 11 | | +local_chmod | | | |
| | | local_chmod | | | |
| 12 | | [ur = C_9600Kbs] | | | |
| 13 | | (TCV_ChMod.mode := C_ChMod_12k, TCV_ChModb.mode := C_ChMod_12k) | | | |
| 14 | | [ur <> C_9600Kbs] | | | |
| 15 | | (TCV_ChMod.mode := C_ChMod_6k, TCV_ChModb.mode := C_ChMod_6k) | | | |
| | | local_bcapT | | | |
| 16 | | [ur = C_2400Kbs] | | | |
| 17 | | +TS61_FAX3_T(C_ir_8kbs) | | | |
| 18 | | [ur = C_4800Kbs] | | | |
| 19 | | +TS61_FAX3_T(C_ir_8kbs) | | | |
| 20 | | [ur = C_9600Kbs] | | | |
| 21 | | +TS61_FAX3_T(C_ir_16kbs) | | | |
| 22 | | [(ur <> C_2400Kbs) AND(ur <> C_4800Kbs) AND(ur <> C_9600Kbs)] | | I | |
| | | TS61_FAX3_T(ir:B_2) | | | |
| 23 | | (TCV_Bcap2 := Bcap(C_FAX3, C_Unstructured, C_nirr_nomeaning, C_no_rate_adaption, C_sacp_NA, C_Synchronous, C_stopbit_NA, C_databit_NA, ur, ir, C_parity_NA, C_transparent, C_modemt_none)) | | | 11.8.1.5.1 |
| | | TS61_FAX3_NT(ce:B_2) | | | |
| 24 | | (TCV_Bcap2 := Bcap(C_FAX3, C_SDUIntegrity, TSPX_nirr, C_no_rate_adaption, C_sacp_NA, C_Synchronous, C_stopbit_NA, C_databit_NA, ur, C_ir_16kbs, C_parity_NA, ce, C_modemt_none)) | | | 11.8.1.5.2 |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | BasicServiceMTorTelephony(svc:MTSERVICES; rate:RATE; Immconn:BOOLEAN) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To get a MT SETUP message with right BC IE. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | Used for CC tests | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPC_Serv_TS11] | | | |
| 2 | | +BasicServiceMT(svc,rate,TSPX_Telephony_Immconn) | | | |
| 3 | | [NOT TSPC_Serv_TS11] | | | |
| 4 | | +BasicServiceMT(svc,rate,Immconn) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | BasicServiceMTNICorTelephony(svc:MTSERVICES; rate:RATE) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To get a MT SETUP message with right BC IE. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | Used for CC tests | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [TSPX_Telephony_Immconn] | | | |
| 2 | | +BasicServiceMT(C_Telephony,rate,FALSE) | | | |
| 3 | | [NOT TSPX_Telephony_Immconn] | | | |
| 4 | | +BasicServiceMT(svc,rate,FALSE) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Step Name: | | EstMsOrigFullRateCall(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a full rate mobile station originating call (speech call or data call). | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +AttmpFullRateCall | | | |
| 2 | | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 3 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_17 | | |
| 4 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 5 | | L!DL_UdatRqImmss | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 6 | | L?DL_EstInCmsRq | CmserReq_01 | | |
| 7 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 8 | | +Authentication(TCV_ch, TCV_cks) | | | |
| 9 | | +Cipherring_on(TCV_ch) | | | |
| 10 | | +SetupRcvMo(SetupInd_01) | | | |
| 11 | | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 12 | | L!DL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 13 | | +AssCmdGenMO(C_Full) | | | |
| 14 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 15 | | L!DL_DatRqConn | Conn_01(TCV_TI, TCV_chTch) | | |
| 16 | | L?DL_DatInConnAck | ConnAckRcv_01(TCV_TI0) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|---|---|-------------------------|
| Test Step Name: | | EstMsOrigTCHF_init(par1: OCTETSTRING; par_sub: INTEGER; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To initiate a mobile originating full rate call for the supported bearer capability. The channel in use is frequency hopping channel. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The test case variable TCV_TIO holds the transaction ID used by the MS and the TCV_TI holds the transaction ID used by the test system. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +AttmpFullRateCall | | | |
| 2 | | +BasicServiceMO(TSPX_MO_BscSvc_FRCall, C_Full) | | | |
| 3 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_17 | | |
| 4 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 5 | | +localtree_ia(par1) | | | |
| 6 | | L?DL_EstInCmsRq | CmsReq_01 | | |
| 7 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 8 | | +Cipherring_on(TCV_ch) | | | |
| localtree_ia(par_chn: OCTETSTRING) | | | | | |
| 9 | | [par_chn = C_CHTCHH_FH] | | | |
| 10 | | [par_sub =1] | | | |
| 11 | | L!DL_UdatRqImm | ImmAss_242(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, ta) | | |
| 12 | | [par_sub =2] | | | |
| 13 | | L!DL_UdatRqImm | ImmAss_243(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, ta) | | |
| 14 | | [par_chn = C_CHTCHF_FH] | | | |
| 15 | | L!DL_UdatRqImm | ImmAss_221(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, ta) | | |
| 16 | | [par_chn = C_CHTCHF_NonFH] | | | |
| 17 | | L!DL_UdatRqImm | ImmAss_21(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, TCV_chdescr_arfcn, ta) | | |
| 18 | | [par_chn = C_CHSDCCH4_NonFH] | | | |
| 19 | | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_ia_ts, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 20 | | [par_chn = C_CHSDCCH8_NonFH] | | | |
| 21 | | L!DL_UdatRqImm | ImmAss_27(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, TCV_chdescr_arfcn, ta) | | |
| 22 | | [par_chn = C_CHSDCCH8_FH] | | | |
| 23 | | [par_sub =1] | | | |
| 24 | | [TSPC_PGSM = TRUE] | | | |
| 25 | | L!DL_UdatRqImm | ImmAss_281(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, ta) | | |
| 26 | | [TSPC_DCS = TRUE] | | | |
| 27 | | L!DL_UdatRqImm | ImmAss_281d(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, ta) | | |
| 28 | | [TSPC_EGSM = TRUE] | | | |
| 29 | | L!DL_UdatRqImm | ImmAss_281e2(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, ta) | | |

| | | | |
|---------------------------|--------------------|--|--|
| 30 | [par_sub = 2] | | |
| 31 | [TSPC_PGSM = TRUE] | | |
| 32 | LIDL_UdatRqImmss | ImmAss_282(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, ta) | |
| 33 | [TSPC_DCS = TRUE] | | |
| 34 | LIDL_UdatRqImmss | ImmAss_282d(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, ta) | |
| 35 | [par_sub = 3] | | |
| 36 | [TSPC_PGSM = TRUE] | | |
| 37 | LIDL_UdatRqImmss | ImmAss_283(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, ta) | |
| 38 | [TSPC_DCS = TRUE] | | |
| 39 | LIDL_UdatRqImmss | ImmAss_283d(TCV_Rr, TCV_Fn, TCV_agch, TCV_ia_ts, ta) | |
| Detailed Comments: | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Step Name: | | EstMsOrigHalfRateCall(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a half rate mobile station originating call. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +AttmpHalfRateCall | | | |
| 2 | | +BasicServiceMO(TSPX_MO_BscSvc_HRCall, C_Full) | | | |
| 3 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_17 | | |
| 4 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 5 | | LIDL_UdatRqImmss | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 6 | | L?DL_EstInCmsRq | CmserReq_01 | | |
| 7 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 8 | | +Authentication(TCV_ch, TCV_cks) | | | |
| 9 | | +Cipherring_on(TCV_ch) | | | |
| 10 | | +SetupRcvMo(SetupInd_01) | | | |
| 11 | | LIDL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 12 | | LIDL_DatRqAlert | Alert_01(TCV_TI, TCV_ch) | | |
| 13 | | +AssCmdGenMO(C_Half) | | | |
| 14 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 15 | | LIDL_DatRqConn | Conn_01(TCV_TI, TCV_chTch) | | |
| 16 | | L?DL_DatInConnAck | ConnAckRcv_01(TCV_TI) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------------------------|---|----------|
| Test Step Name: | | EstMsTermFullRateCallFH(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a full rate mobile station terminating call with hopping channel (speech or data call). | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used var's: TCV_cellid, TCV_Bcap1, TCV_ch | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +RRmtcallprepare(ta) | | | |
| 2 | | L!DL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupRq_20(TCV_ch) | | |
| 3 | | L?DL_DatInCallCo | CallCfm_20 | | 1) |
| 4 | | L?DL_DatInConn | ConnRcv_01 | | |
| 5 | | +localtree | | | |
| 6 | | L?DL_DatInAlert | AlertRcv_01 | | |
| 7 | | (TCV_Null := OO_HookOff()) | | | |
| 8 | | L?DL_DatInConn | ConnRcv_01 | | |
| 9 | | +localtree | | | |
| 10 | | L!DL_DatRqConnAck | ConnAck_20(TCV_ch Tch) | | |
| | | localtree | | | |
| 11 | | [TCV_cellid = C_CellA] | | | |
| 12 | | +localtreeA | | | |
| 13 | | [TCV_cellid = C_CellB] | | | |
| 14 | | +localtreeB | | | |
| | | localtreeA | | | |
| 15 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 16 | | (TCV_AssCmd := AsgnCmd_22(TCV_asscmd_ts, TSPX_TscDef, TSPX_MAIO, TSPX_HSN, Frql_20_A)) | | | |
| 17 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | |
| 18 | | [TSPC_DCS] | | | |
| 19 | | (TCV_AssCmd := AsgnCmd_22d(TCV_asscmd_ts, TSPX_TscDef, TSPX_MAIO, TSPX_HSN, Frql_20_Ad)) | | | |
| 20 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | |
| | | localtreeB | | | |
| 21 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 22 | | (TCV_AssCmd := AsgnCmd_22(TCV_asscmd_ts, TSPX_TscDef, TSPX_MAIO, TSPX_HSN, Frql_20_B1)) | | | |
| 23 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | |
| 24 | | [TSPC_DCS] | | | |
| 25 | | (TCV_AssCmd := AsgnCmd_22d(TCV_asscmd_ts, TSPX_TscDef, TSPX_MAIO, TSPX_HSN, Frql_20_B8d)) | | | |
| 26 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | 2) |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. If the MS supports the bearer capabilities, which are given in the Setup message, it has to accept them. Therefor, they are no bearer capabilities expected in Call Confirm message. 2. TCH/F with hopping in selected cell for DCS1800 or GSM900. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-----------------------|---|----------|
| Test Step Name: | | EstMsTermFullRateCallNonFH(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a full rate mobile station terminating call with non hopping channel (speech or data call). | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used var's: TCV_cellid, TCV_chdescr_arfcn, TCV_Bcap1, TCV_ch | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +RRmtcallprepare(ta) | | | |
| 2 | | L!DL_DatRqSetup (TCV_Tl.ti_f := '0'B, TCV_Tl.ti_v := '000'B) | SetupRq_20(TCV_ch) | | |
| 3 | | L?DL_DatInCallCo | CallCfm_20 | | 1) |
| 4 | | L?DL_DatInConn | ConnRcv_01 | | |
| 5 | | +localtree | | | |
| 6 | | L?DL_DatInAlert | AlertRcv_01 | | |
| 7 | | (TCV_Null := OO_HookOff()) | | | |
| 8 | | L?DL_DatInConn | ConnRcv_01 | | |
| 9 | | +localtree | | | |
| 10 | | localtree (TCV_AssCmd := AsgnCmd_21(TCV_asscmd_ts,TCV_chdescr_arfcn)) | | | |
| 11 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | |
| 12 | | L!DL_DatRqConnAck | ConnAck_20(TCV_chTch) | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. If the MS supports the bearer capabilities, which are give in Setup message, it has to accept them. Therefor, they are no bearer capabilities expected in Call Confirm message. 2. TCH/F with non hopping in selected cell. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------------------------|---|----------|
| Test Step Name: | | EstMsTermHalfRateCallFH(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a half rate mobile station terminating call with hopping channel (speech or data call). | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used var's: TCV_cellid, TCV_chdescr_arfcn, TCV_Bcap1, TCV_ch | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +RRmtcallprepare(ta) | | | |
| 2 | | L!DL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupRq_20(TCV_ch) | | |
| 3 | | L?DL_DatInCallCo | CallCfm_20 | | 1) |
| 4 | | L?DL_DatInConn | ConnRcv_01 | | |
| 5 | | +localtree | | | |
| 6 | | L!DL_DatRqConnAck | ConnAck_20(TCV_ch Tch) | | |
| 7 | | L?DL_DatInAlert | AlertRcv_01 | | |
| 8 | | (TCV_Null := OO_HookOff()) | | | |
| 9 | | L?DL_DatInConn | ConnRcv_01 | | |
| | | localtree | | | |
| 10 | | [TCV_cellid = C_CellA] | | | |
| 11 | | +localtreeA | | | |
| 12 | | [TCV_cellid = C_CellB] | | | |
| 13 | | +localtreeB | | | |
| | | localtreeA | | | |
| 14 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 15 | | (TCV_AssCmd := AsgnCmd_24(TCV_asscmd_ts, TSPX_TscDef, TSPX_MAIO, TSPX_HSN, Frql_20_A0)) | | | |
| 16 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | 2) |
| 17 | | [TSPC_DCS] | | | |
| 18 | | (TCV_AssCmd := AsgnCmd_24d(TCV_asscmd_ts, TSPX_TscDef, TSPX_MAIO, TSPX_HSN, Frql_20_A0d)) | | | |
| 19 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | 2) |
| | | localtreeB | | | |
| 20 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 21 | | (TCV_AssCmd := AsgnCmd_24(TCV_asscmd_ts, TSPX_TscDef, TSPX_MAIO, TSPX_HSN, Frql_20_B3)) | | | 2) |
| 22 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | |
| 23 | | [TSPC_DCS] | | | |
| 24 | | (TCV_AssCmd := AsgnCmd_24d(TCV_asscmd_ts, TSPX_TscDef, TSPX_MAIO, TSPX_HSN, Frql_20_B3d)) | | | 2) |
| 25 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | |
| Detailed Comments: | | <p>1. If the MS supports the bearer capabilities, which are given in the Setup message, it has to accept them. Therefor, they are no bearer capabilities expected in Call Confirm message.</p> <p>2. TCH/H with hopping in selected cell.</p> | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-----------------------|---|----------|
| Test Step Name: | | EstMsTermHalfRateCallNonFH(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a half rate mobile station terminating call with non hopping channel (speech or data call). | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used var's: TCV_cellid, TCV_chdescr_arfcn, TCV_Bcap1, TCV_chTch, TCV_asscmd_ts | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +RRmtcallprepare(ta) | | | |
| 2 | | L!DL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupRq_20(TCV_ch) | | |
| 3 | | L?DL_DatInCallCo | CallCfm_20 | | 1) |
| 4 | | L?DL_DatInConn | ConnRcv_01 | | |
| 5 | | +localtree_tchhalfrate | | | |
| 6 | | L?DL_DatInAlert | AlertRcv_01 | | |
| 7 | | (TCV_Null := OO_HookOff()) | | | |
| 8 | | L?DL_DatInConn | ConnRcv_01 | | |
| 9 | | +localtree_tchhalfrate | | | |
| 10 | | localtree_tchhalfrate (TCV_AssCmd := AsgnCmd_23(TCV_asscmd_ts, TCV_chdescr_arfcn)) | | | |
| 11 | | +Adjust_gsmanddcs_powerlvl(0,15,TCV_AssCmd) | | | |
| 12 | | +AssCh_complete(TCV_ch,TCV_chTch,TCV_AssCmd) | | | 2) |
| 13 | | L!DL_DatRqConnAck | ConnAck_20(TCV_chTch) | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. If the MS supports the bearer capabilities, which are given in the Setup message, it has to accept them. Therefor, they are no bearer capabilities expected in Call Confirm message. 2. TCH/H non hopping in selected cell. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|-------------------|---|----------|
| Test Step Name: | | IdleUpdated(activ_cell: CellID; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To ensure that the SIM is updated to the initial conditions and the MS with CKSN valid, TMSI valid and idle updated in cell A, B or C. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [activ_cell = C_CellA] | | | |
| 2 | | +cellA | | | |
| 3 | | [activ_cell = C_CellB] | | | |
| 4 | | +cellB | | | |
| 5 | | [activ_cell = C_CellC] | | | |
| 6 | | +cellC | | | |
| cellA | | | | | |
| 7 | | (TCV_Res := OO_SwitchOff()) | | | |
| 8 | | +Varinit_fixA | | | |
| 9 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 10 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | |
| 11 | | +ltree_sysinfo(0) | | | ATT='0'B |
| 12 | | +localtree1 | | | |
| cellB | | | | | |
| 13 | | (TCV_Res := OO_SwitchOff()) | | | |
| 14 | | +Varinit_fixB | | | |
| 15 | | +CombinedBCCH_B(63, FreqBCCHb_rg, FreqBCCHb_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 16 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_B) | | |
| 17 | | +ltree_sysinfo(0) | | | ATT='0'B |
| 18 | | +localtree1 | | | |
| cellC | | | | | |
| 19 | | (TCV_Res := OO_SwitchOff()) | | | |
| 20 | | +Varinit_fixC | | | |
| 21 | | +CombinedBCCH_C(63, FreqBCCHc, FreqBCCHc_d, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 22 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_C) | | |
| 23 | | +ltree_sysinfo(0) | | | ATT='0'B |
| 24 | | +localtree1 | | | |
| localtree1 | | | | | |
| 25 | | (TCV_Res:=OO_SwitchOn(), TCV_Cnt:=0, TCV_Upd:=FALSE, TCV_Res:=OO_PressKeyWhenInService()) | | | |
| 26 | | REPEAT localtree2 UNTIL [(TCV_Cnt=60) OR (TCV_Upd=TRUE)] | | | |
| 27 | | [TCV_Upd=TRUE] | | | |
| 28 | | [TCV_Upd=FALSE] | | | |
| 29 | | (TCV_Res:=OO_SwitchOff()) | | | |
| 30 | | +ltree_sysinfo(1) | | | ATT='1'B |
| 31 | | (TCV_Res:=OO_SwitchOn()) | | | |
| 32 | | +localtree_Lup_Auth(MiTmsi_01iei) | | | |
| localtree2 | | | | | |
| 33 | | (TCV_Res:=OO_Key()) | | | |
| 34 | | [TCV_Res=TRUE] | | | |
| 35 | | (TCV_Upd:=TRUE) | | | |
| 36 | | [TCV_Res=FALSE] | | | |
| 37 | | START T_dly(1000) | | | |
| 38 | | ?TIMEOUT T_dly | | | |
| 39 | | (TCV_Cnt:=TCV_Cnt+1) | | | |

| | | | |
|----|--|---|--------------------------|
| 40 | +localtree_Lup_Auth(MiTmsi_01iei) | | |
| | localtree_Lup_Auth(newtmsi: MI) | | |
| 41 | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq, msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_02 | Any channel request PDU |
| 42 | ACTIVATE(OtherEvents_02) | | To match ChReq retrans. |
| 43 | LIDL_UdatRqImmss | ImmAss_01(TCV_agc h, TCV_Rr, TCV_Fn, slot, tsc, ta, TCV_chdescr_arfcn) | |
| 44 | L?DL_EstInLupRq | LocUp_01(TCV_ch, C_norm_period_attac h) | Any location update type |
| 45 | ACTIVATE(OtherEvents) | | Restore Normal default |
| 46 | +CCAuthenticate(TCV_ch) | | |
| 47 | LIDL_DatRqLupAcp | LocAcp_30(newtmsi, TCV_ch, TCV_lac) | |
| 48 | L?DL_DatInTmsireCom | TmsiReallocCmp_02(TCV_ch) | (P) |
| 49 | +PostMainLinkRel(TCV_ch) | | Release Channel |
| | ltree_sysinfo(attach:INTEGER) | | |
| 50 | [activ_cell = C_CellA] | | |
| 51 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 52 | +SysInfoSending_MM_A(5, 1, 0, attach, babr, cch_con, bpm, t3212, C_ci_cellA, C_PLMN_1, C_lacellA, CellChDes_02, C_CellReselectHys0, C_MaxPwrLvIG, BcchFreqLst_45, C_Restablishment) | | |
| 53 | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | |
| 54 | [TSPC_DCS] | | |
| 55 | +SysInfoSending_MM_A(5, 1, 0, attach, babr, cch_con, bpm, t3212, C_ci_cellA, C_PLMN_1, C_lacellA, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvID, BcchFreqLst_03, C_Restablishment) | | |
| 56 | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | |
| 57 | [activ_cell = C_CellB] | | |
| 58 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 59 | +SysInfoSending_MM_B(5, 1, 0, attach, babr, cch_con, bpm, t3212, C_ci_cellB, C_PLMN_1, C_lacellB, CellChDes_04, C_CellReselectHys0, C_MaxPwrLvIG, BcchFreqLst_45, C_Restablishment) | | |
| 60 | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | |
| 61 | [TSPC_DCS] | | |
| 62 | +SysInfoSending_MM_B(5, 1, 0, attach, babr, cch_con, bpm, t3212, C_ci_cellB, C_PLMN_1, C_lacellB, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvID, BcchFreqLst_03, C_Restablishment) | | |
| 63 | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | |
| 64 | [activ_cell = C_CellC] | | |
| 65 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 66 | +SysInfoSending_MM_C(5, 1, 0, attach, babr, cch_con, bpm, t3212, C_ci_cellC, C_PLMN_1, C_lacellC, CellChDes_02, C_CellReselectHys0, C_MaxPwrLvIG, BcchFreqLst_45, C_Restablishment) | | |
| 67 | +SysInfo_SacchSending(TCV_sacch_C, TCV_sysinfo5_C, TCV_sysinfo6_C) | | |
| 68 | [TSPC_DCS] | | |
| 69 | +SysInfoSending_MM_C(5, 1, 0, attach, babr, cch_con, bpm, t3212, C_ci_cellC, C_PLMN_1, C_lacellC, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvID, BcchFreqLst_03, C_Restablishment) | | |

| | | | | | |
|---------------------------|--|---|--|--|--|
| 70 | | +SysInfo_SacchSending(TCV_sacch_C, TCV_sysinfo5_C, TCV_sysinfo6_C) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|-----|--------------------------|
| Test Step Name: | | IdleUpdatedCellB(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To ensure that the SIM is updated to the initial conditions and the MS with CKSN valid, TMSI valid and idle updated in cell B with PLMN2 different from the home PLMN1. The cellA is also in the PLMN2. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Res := OO_SwitchOff()) | | | |
| 2 | | +Varinit_fixB | | | |
| 3 | | +cellB(63) | | | |
| 4 | | (TCV_Res:=OO_SwitchOn()) | | | |
| 5 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_02 | | Any channel request PDU |
| 6 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 7 | | L!DL_UdatRqImmss | ImmAss_01(TCV_agch, TCV_Rr, TCV_Fn, slot, tsc, ta, TCV_chdescr_arfcn) | | |
| 8 | | L?DL_EstInLupRq | LocUp_01(TCV_ch, C_norm_period_attach) | | Any location update type |
| 9 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 10 | | +CCAuthenticate(TCV_ch) | | | |
| 11 | | L!DL_DatRqLupAcp | LocAcp_01(MiTmsi_01iei, TCV_ch, TCV_lac) | | |
| 12 | | L?DL_DatInTmsireCom | TmsiReallocCmp_02(TCV_ch) | (P) | |
| 13 | | +PostMainLinkRel(TCV_ch) | | | Release Channel |
| 14 | | +WaitForInService | | | |
| 15 | | +cellA(53) | | | |
| 16 | | cellA(par_bspwr:INTEGER) +CombinedBCCH_A(par_bspwr, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc,ta, babr, cch_con, bpm) | | | |
| 17 | | L!DL_UdatRqSchinfo | SynchInfo(C_SCH_A) | | |
| 18 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 19 | | +SysInfoSending_MM_A(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellA, C_PLMN_2, C_lacellA, CellChDes_04, C_CellReselectHys0, C_MaxPwrLvIG, BcchFreqLst_01, C_noRestablishment) | | | |
| 20 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 21 | | [TSPC_DCS] | | | |
| 22 | | +SysInfoSending_MM_A(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellA, C_PLMN_2, C_lacellA, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvID, BcchFreqLst_48, C_noRestablishment) | | | |
| 23 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 24 | | cellB(par_bspwr:INTEGER) +CombinedBCCH_B(par_bspwr, FreqBCCHb_rg, FreqBCCHb_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 25 | | L!DL_UdatRqSchinfo | SynchInfo(C_SCH_B) | | |
| 26 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 27 | | +SysInfoSending_MM_B(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellB, C_PLMN_2, C_lacellB, CellChDes_04, C_CellReselectHys0, C_MaxPwrLvIG, BcchFreqLst_01, C_noRestablishment) | | | |

| | | | | | |
|---------------------------|--|---|--|--|--|
| 28 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 29 | | [TSPC_DCS] | | | |
| 30 | | +SysInfoSending_MM_B(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellB, C_PLMN_2, C_lacellB, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvlD, BcchFreqLst_48, C_noRestablishment) | | | |
| 31 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | PreCCSetup(acttype:BITSTRING; slot:SN; tsc:TSC; t, retr, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | Setup tester and MS for CC testing | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +IdleUpdated(C_CellA, acttype,slot,tsc, ta, '000'B, '001'B, '011'B, '00'O) | | | 1. |
| 2 | | (TCV_ch := OC_SubchOfSdcch4(TSPX_SDCCH4SubDef, C_CellA), TCV_sacch := OC_SubchOfSacch4(TSPX_SDCCH4SubDef, C_CellA), TCV_CphKey := OC_CphKeyGen(TSPX_Ki, TSPX_RANDDef)) | | | 4. |
| 3 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | 2. |
| 4 | | +SysInfoSending_01(t, retr, att, 0, babr, cch_con, bpm, t3212) | | | 3. |
| 5 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 6 | | +WaitForInService | | | |
| Detailed Comments: | | 1. Set SS default parameters (Cell A, combined BCCH and SDCCH/4) and MS initial condition (Idle updated on Cell A with allocated TMSI and CKSN). 2. CCCH combined with SDCCH/4. 3. Tc-integer = 5, Max-retrans = 7, ATT = 0 4. Get SDCCH/4 channel identifier and ciphering key | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PreCCSetupMO(acttype:BITSTRING; slot:SN; tsc:TSC; t, retr, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | Setup tester for CC testing, mobile originated call establishment | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreCCSetup(acttype, slot, tsc, t, retr, att, ta, babr, cch_con, bpm, t3212) | | | |
| 2 | | +InitCall(TCV_Service) | | | |
| 3 | | +BasicServiceMO(TCV_Service, TCV_ChRate) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|------|---|----------|
| Test Step Name: PreEnterIdleState_02(actype:BITSTRING; slot:SN; tsc:TSC; t, retr, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To set one physical channel used as FCHH_SCH_BCCH_CCCH for cell A and broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters, except CCCH not combined with SDCCH, then wait for the SUT (MS) entering the Idle updated state. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: CCCH not combined with SDCCH. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +NonCombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, actype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_01(t, retr, att, 0, babr, cch_con, bpm, t3212) | | | 1. |
| 3 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|------|---|----------|
| Test Step Name: PreEnterIdleState_03(actype:BITSTRING; slot:SN; tsc:TSC; t, retr, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To set a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell A, then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters for cell A, and wait for the SUT (MS) entering the Idle updated state. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: IMSI attach/detach not allowed (ATT=0). used for initial testing. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, actype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_01(t, retr, att, 0, babr, cch_con, bpm, t3212) | | | 1. |
| 3 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 4 | | +WaitForInService | | | |
| Detailed Comments: 1. CCCH combined with SDCCH | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|------|---|----------|
| Test Step Name: PreEnterIdleState_07(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To setup a physical channel as combined BCCH, CCCH and SDCCH4, then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters in cell B, and wait for the SUT (MS) entering the Idle updated state. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_B(53, FreqBCCHb_rg, FreqBCCHb_rd, actype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_24(att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 4 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PreEnterIdleState_11(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To set a physical channel used as full rate traffic channel for cell A and a physical channel used as combined BCCH then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing default parameters except Cell-Reselect-Hysteresis = 0, and wait for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_19('0'B, att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 4 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | PreEnterIdleState_12(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To set a physical channel used as full rate traffic channel for cell A and a physical channel used as combined BCCH then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing default parameters except Max-Retrans = 7, Cell-Reselect-Hysteresis = 0, and wait for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | call re-establishment is not allowed. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_19('1'B, att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 4 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PreEnterIdleState_r01(acttype:BITSTRING; slot:SN; tsc:TSC; tx, retrans, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing RR testing default parameters in cell A with the following exceptions : <ul style="list-style-type: none"> - channel configuration can set to combined or not, - max retransmission and tx-integer can be assigned; The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The preamble is used for the RR tests. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +NonCombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_r1(tx, retrans, att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|------|---|----------|
| Test Step Name: PreEnterIdleState_Comb01(acttype:BITSTRING; slot:SN; tsc:TSC; tx, retrans, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing RR testing default parameters in cell A with the following exceptions : <ul style="list-style-type: none"> - channel configuration can set to combined or not, - max retransmission and tx-integer can be assigned; The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: The preamble is used for the RR tests. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_r1(tx, retrans, att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 4 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PreEnterIdleState_r02(acttype:BITSTRING; slot:SN; tsc:TSC; tx, retrans:INTEGER; slot2:SN; slot3:SN; slot4:SN; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing default parameters in cell A with the following exceptions : - legal combination of CCCH-CONF, BS-AG-BLKS-RES, BS-PA-MFRMS are specified by parameters - max retransmission and tx-integer can be assigned, The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The preamble is used for the RR tests. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [cch_con = '001'B] | | | |
| 2 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 3 | | +SysInfoSending_r2(tx, retrans, C_BCCH_A_1, att, babr, cch_con, bpm, t3212) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | +WaitForInService | | | |
| 6 | | [cch_con = '000'B] | | | |
| 7 | | +localtree | | | |
| 8 | | [cch_con = '010'B] | | | |
| 9 | | +NonCombinedBCCH_A_2(acttype,slot2,tsc, ta, babr, cch_con, bpm) | | | |
| 10 | | +SysInfoSending_r2(tx, retrans, C_BCCH_A_2, att, babr, cch_con, bpm, t3212) | | | |
| 11 | | +localtree | | | |
| 12 | | [cch_con = '100'B] | | | |
| 13 | | +NonCombinedBCCH_A_2(acttype,slot2,tsc, ta, babr, cch_con, bpm) | | | |
| 14 | | +NonCombinedBCCH_A_3(acttype,slot3,tsc, ta, babr, cch_con, bpm) | | | |
| 15 | | +SysInfoSending_r2(tx, retrans, C_BCCH_A_2, att, babr, cch_con, bpm, t3212) | | | |
| 16 | | +SysInfoSending_r2(tx, retrans, C_BCCH_A_3, att, babr, cch_con, bpm, t3212) | | | |
| 17 | | +localtree | | | |
| 18 | | [cch_con = '110'B] | | | |
| 19 | | +NonCombinedBCCH_A_2(acttype,slot2,tsc, ta, babr, cch_con, bpm) | | | |
| 20 | | +NonCombinedBCCH_A_3(acttype,slot3,tsc, ta, babr, cch_con, bpm) | | | |
| 21 | | +NonCombinedBCCH_A_4(acttype,slot4,tsc, ta, babr, cch_con, bpm) | | | |
| 22 | | +SysInfoSending_r2(tx, retrans, C_BCCH_A_2, att, babr, cch_con, bpm, t3212) | | | |
| 23 | | +SysInfoSending_r2(tx, retrans, C_BCCH_A_3, att, babr, cch_con, bpm, t3212) | | | |
| 24 | | +SysInfoSending_r2(tx, retrans, C_BCCH_A_4, att, babr, cch_con, bpm, t3212) | | | |
| 25 | | +localtree | | | |
| 26 | | localtree +NonCombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 27 | | +SysInfoSending_r2(tx, retrans, C_BCCH_A_1, att, babr, cch_con, bpm, t3212) | | | |
| 28 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PreEnterIdleState_r03(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing default parameters in cell A with the following exception : - radio-link-timeout = 64. The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The preamble is used for the RR tests. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_9(5, 1, att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 4 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PreEnterIdleState_r03_1(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing default parameters in cell A with the following exception : - radio-link-timeout = 64. The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The preamble is used for the RR tests. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd1, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_9(5, 1, att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 4 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | PreEnterIdleState_r06(Freqg, Freqd:FRQPARA; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing RR testing default parameters in cell A with the following exceptions : - cell allocation is controlled by formal parameter `Ca`; The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The preamble is used for the RR tests. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +NonCombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_25(Freqg, Freqd, att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | PreEnterIdleState_20(acttype:BITSTRING; slot:SN; tsc:TSC; tx, retrans, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 containing RR testing default parameters in cell A with the following exceptions : <ul style="list-style-type: none"> - channel configuration can set to combined or not, - max retransmission and tx-integer can be assigned; The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | IMSI attach/detach not allowed (ATT=0). The preamble used in HO cases. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +NonCombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_20(tx, retrans, att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PreEnterIdleState_201(par_bspwr1, par_bspwr2 :INTEGER; acttype:BITSTRING; slot:SN; tsc:TSC; tx, retrans, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing RR testing default parameters in cell A and B with the following exceptions : <ul style="list-style-type: none"> - channel configuration can set to combined or not, - max retransmission and tx-integer can be assigned; The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | IMSI attach/detach not allowed (ATT=0). The preamble used in HO cases. Cell Allocation for DCS1800 coded using range 256 format. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ltree_chconfig_a | | | |
| 2 | | +ltree_chconfig_b | | | |
| 3 | | +WaitForInService | | | |
| ltree_chconfig_a | | | | | |
| 4 | | +CombinedBCCH_A(par_bspwr1, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 5 | | +SysInfoSending_201(tx, retrans, att, babr, cch_con, bpm, t3212) | | | |
| 6 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| ltree_chconfig_b | | | | | |
| 7 | | +CombinedBCCH_B(par_bspwr2, FreqBCCHb_ho, FreqBCCHb_hod, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfoSending_211(tx, retrans, att, babr, cch_con, bpm, t3212) | | | |
| 9 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PreEnterIdleState_202c(acttype:BITSTRING; slot:SN; tsc:TSC; tx, retrans, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing RR testing default parameters in cell A with the following exceptions : - max retransmission and tx-integer can be assigned; The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | IMSI attach/detach not allowed (ATT=0). The preamble used in HO cases. Cell Allocation for DCS1800 coded using range 512 format. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ltree_chconfig_a | | | |
| 2 | | +ltree_chconfig_b | | | |
| 3 | | +WaitForInService | | | |
| | | ltree_chconfig_a | | | |
| 4 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 5 | | +SysInfoSending_202(BcchFreqLst_01, BcchFreqLst_48, tx, retrans, att, babr, cch_con, bpm, t3212) | | | |
| 6 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| | | ltree_chconfig_b | | | |
| 7 | | +CombinedBCCH_B(53, FreqBCCHb_ho, FreqBCCHb_hod, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 8 | | +SysInfoSending_212(tx, retrans, att, babr, cch_con, bpm, t3212) | | | |
| 9 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PreEnterIdleState_202nc(acttype:BITSTRING; slot:SN; tsc:TSC; tx, retrans, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing RR testing default parameters in cell A with the following exceptions : - max retransmission and tx-integer can be assigned; The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | IMSI attach/detach not allowed (ATT=0). The preamble used in HO cases. Cell Allocation for DCS1800 coded using range 512 format. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ltree_chconfig_a | | | |
| 2 | | +ltree_chconfig_b | | | |
| 3 | | +WaitForInService | | | |
| | | ltree_chconfig_a | | | |
| 4 | | +NonCombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 5 | | +SysInfoSending_202(BcchFreqLst_01, BcchFreqLst_48, tx, retrans, att, babr, cch_con, bpm, t3212) | | | |
| | | ltree_chconfig_b | | | |
| 6 | | +NonCombinedBCCH_B(53, FreqBCCHb_ho, FreqBCCHb_hod, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 7 | | +SysInfoSending_212(tx, retrans, att, babr, cch_con, bpm, t3212) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|------|---|----------|
| Test Step Name: PreEnterIdleState_202e(comb_a:BOOLEAN; comb_b:BOOLEAN; acttype:BITSTRING; slot:SN; tsc:TSC; tx, retrans, att:INTEGER; ta:TA; babr, cch_con1, cch_con2, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 containing RR testing default parameters in cell A with the following exceptions : - channel configuration can set to combined or not, - max retransmission and tx-integer can be assigned; The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: IMSI attach/detach not allowed (ATT=0). The preamble used in EGSM cases. Cell Allocation for DCS1800 coded using range 512 format. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +ltree_chconfig_a | | | |
| 2 | | +ltree_chconfig_b | | | |
| 3 | | +WaitForInService | | | |
| | | ltree_chconfig_a | | | |
| 4 | | [comb_a = C_Combined] | | | |
| 5 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con1, bpm) | | | |
| 6 | | +SysInfoSending_202(BcchFreqLst_01, BcchFreqLst_48, tx, retrans, att, babr, cch_con1, bpm, t3212) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 8 | | [comb_a = C_NotCombined] | | | |
| 9 | | +NonCombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con1, bpm) | | | |
| 10 | | +SysInfoSending_202(BcchFreqLst_01, BcchFreqLst_48, tx, retrans, att, babr, cch_con1, bpm, t3212) | | | |
| | | ltree_chconfig_b | | | |
| 11 | | [comb_b = C_Combined] | | | |
| 12 | | +CombinedBCCH_B(53, FreqBCCHb_rg, FreqBCCHb_rd, acttype, slot, tsc, ta, babr, cch_con2, bpm) | | | |
| 13 | | +SysInfoSending_212(tx, retrans, att, babr, cch_con2, bpm, t3212) | | | |
| 14 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 15 | | [comb_b = C_NotCombined] | | | |
| 16 | | +NonCombinedBCCH_B(53, FreqBCCHb_rg, FreqBCCHb_rd, acttype, slot, tsc, ta, babr, cch_con2, bpm) | | | |
| 17 | | +SysInfoSending_212(tx, retrans, att, babr, cch_con2, bpm, t3212) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | PreEnterIdleState_22(acttype:BITSTRING; slot:SN; tsc:TSC; tx, retrans, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 for test case TC_26_10_2_2 in cell A with the following exceptions : - max retransmission and tx-integer can be assigned; The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +NonCombinedBCCH_A(63, FreqBCCHa_E, FreqBCCHa_E, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_22(tx, retrans, att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PreEnterIdleState_23(acttype:BITSTRING; slot:SN; tsc:TSC; tx, retrans, att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 containing EGSM testing default parameters in cell A with the following exceptions : - channel configuration can set to combined or not, - max retransmission and tx-integer can be assigned; The test system is then waiting for the SUT (MS) entering the Idle updated state. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_23(tx, retrans, att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 4 | | +SysInfo_5bisSending(TCV_sacch, TCV_sysinfo5bis) | | | |
| 5 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|-------------------------------|---|-----------------------------|
| Test Step Name: | | PreEnterCCstateU01_21(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U0.1 by procedure in table 26.8.1.2/1. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCEstablishMO_SDCCH4(ta) | | | 1. |
| 2 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 3 | | L?DL_EstInCmsRq | CMSerReq(CMServic eReq_04) | | |
| 4 | | ACTIVATE(OtherEvents) | | | Restore Normal default tree |
| Detailed Comments: 1. To assign SDCCH4 channel. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | PreEnterCCstateU1_21(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U1 by procedure in table 26.8.1.2/1. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for cipherring key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU01_21(ta) | | | |
| 2 | | +Cipherring_on(TCV_ch) | | | |
| 3 | | +SetupRcvMo(SetupInd_01) | | | |
| 4 | | +CCstatuschk_02(TCV_ch, C_U1, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------|---|-------------------------|
| Test Step Name: | | PreEnterCCstateU1_22(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U1 by procedure in table 26.8.1.2/2. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCEstablishMO_TCH(acttype, slot, tsc, ta, babr, cch_con, bpm) | | | 1. |
| 2 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 3 | | L?DL_EstInCmsRq (TCV_Fn :=DL_EstInCmsRq.fn) | CMSerReq(CMServiceReq_04) | | |
| 4 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 5 | | +CCModifyTCH(slot, tsc) | | | |
| 6 | | +Cipherring_on(TCV_chTch) | | | |
| 7 | | L?DL_DatInSetup (TCV_TI := DL_DatInSetup.msg.ti, TCV_Setup_mo := DL_DatInSetup.msg, TCV_TI0 := TCV_TI, TCV_TI.ti.f := '1'B) | SetupRcv(SetupInd_01) | | |
| 8 | | +CCstatuschk_02(TCV_chTch, C_U1, TCV_TI, TCV_TI0) | | | 2. |
| Detailed Comments: | | 1. To assign TCH/F channel or TCH/H channel. 2. Check that CC is now state U1 | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-----------------------|---|-------------------------|
| Test Step Name: | | PreEnterCCstateU1_22Timer(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U1 by procedure in table 26.8.1.2/2. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCEstablishMO_TCH(acttype, slot, tsc, ta, babr, cch_con, bpm) | | | 1. |
| 2 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 3 | | L?DL_EstInCmsRq (TCV_Fn :=DL_EstInCmsRq.fn) START T_dly(45000) | CMSerReq(CMSerReq_04) | | |
| 4 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 5 | | +CCModifyTCH(slot, tsc) | | | |
| 6 | | +Cipherring_on(TCV_chTch) | | | |
| 7 | | L?DL_DatInSetup (TCV_TI :=DL_DatInSetup.msg.ti, TCV_Setup_mo := DL_DatInSetup.msg, TCV_TI0 := TCV_TI, TCV_TI.f := '1'B) | SetupRcv(SetupInd_01) | | |
| 8 | | +CCstatuschk_02(TCV_chTch, C_U1, TCV_TI, TCV_TI0) | | | 2. |
| Detailed Comments: | | 1. To assign TCH/F channel or TCH/H channel. 2. Check that CC is now state U1 | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|-------------------------|
| Test Step Name: | | PreEnterCCstateU1_24(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U1 by procedure in table 26.8.1.2/4. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI contains the transaction identifier from the MS, and TCV_TI0 contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCEstablishMO_TCH(acttype, slot, tsc, ta, babr, cch_con, bpm) | | | 1. |
| 2 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 3 | | L?DL_EstInCmsRq | CMSerReq(CMSerReq_04) | | |
| 4 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 5 | | L!DL_DatRqIdRq | IDReq(TCV_chTch, IDRequest_01('0001'B)) | | IMSI. |
| 6 | | L?DL_DatInIdRes | IDRes(IDResponse_30(Milmsi_01)) | | |
| 7 | | +Cipherring_on(TCV_chTch) | | | |
| 8 | | +SetupRcvMo(SetupInd_01) | | | |
| 9 | | +CCstatuschk_02(TCV_chTch, C_U1, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | 1. To assign TCH/F channel or TCH/H channel. | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|--|---|---|
| Test Step Name: PreEnterCCstateU1(ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To establish a mobile originating call and put the MS under test in the CC state U1. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: test case variable TCV_TIO holds the transaction ID used by the MS, and TCV_TI used by test system. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for ciphering key. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +AttmpCall | | | 1. |
| 2 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 3 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq. msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_04 | | |
| 4 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 5 | | L!DL_UdatRqImmss | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 6 | | L?DL_EstInCmsRq | CmserReq_01 | | |
| 7 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 8 | | L!DL_DatRqAuthRq | AuthReq_01(TCV_ch) | | |
| 9 | | L?DL_DatInAuthRes | AuthRes_01 | | |
| 10 | | +Ciphering_on(TCV_ch) | | | |
| 11 | | L?DL_DatInSetup (TCV_TI := DL_DatInSetup.msg.ti, TCV_TIO := TCV_TI, TCV_TI.ti_f := '1'B) | SetupRcv(SetupInd_0 1) | | 2. |
| 12 | | +CCstatuschk_02(TCV_ch, C_U1, TCV_TI, TCV_TIO) | | | |
| Detailed Comments: | | | | | 1. To attempt a outgoing call at the MS. 2. In the state U1 now. |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|-------------------------|
| Test Step Name: | | PreEnterCCstateU3(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a mobile originating call and put the MS under test in the CC state U3. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | test case variable TCV_TIO holds the transaction ID used by the MS, and TCV_TI is used by test system. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for ciphering key. The call setup is generic setup procedure. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +AttmpCall | | | 1. |
| 2 | | +BasicServiceMO(TSPX_MO_BscSvc_AnyCall, TSPX_MO_rate_AnyCall) | | | |
| 3 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq. msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_04 | | |
| 4 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 5 | | L!DL_UdatRqImmss | ImmAss_01Def(TCV_ agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 6 | | L?DL_EstInCmsRq | CmserReq_01 | | |
| 7 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 8 | | L!DL_DatRqAuthRq | AuthReq_01(TCV_ch) | | |
| 9 | | L?DL_DatInAuthRes | AuthRes_01 | | |
| 10 | | +Ciphering_on(TCV_ch) | | | |
| 11 | | +SetupRcvMo(SetupInd_01) | | | |
| 12 | | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 13 | | +CCstatuschk_02(TCV_ch, C_U3, TCV_TI, TCV_TIO) | | | |
| Detailed Comments: | | 1. To initiate a mobile originating call at the MS. 2. Now in the state U3. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-----------------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU3_21(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U3 by procedure in table 26.8.1.2/1. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TIO contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for ciphering key | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU1_21(ta) | | | |
| 2 | | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 3 | | +CCstatuschk_02(TCV_ch, C_U3, TCV_TI, TCV_TIO) | | | |
| Detailed Comments: | | 1. To assign SDCCH4 channel. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-----------------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU3_22(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U3 by procedure in table 26.8.1.2/2. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU1_22(actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | (TCV_CallProc := OC_CallProcGen(TCV_Setup_mo, CallProced_03), TCV_CallProc.ti := TCV_TI) | | | |
| 3 | | LIDL_DatRqCallProc | CallProc(TCV_chTch, TCV_CallProc) | | |
| 4 | | +CCstatuschk_02(TCV_chTch, C_U3, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--------------------------------|---|-----------------------------|
| Test Step Name: | | PreEnterCCstateU3_23(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U3 by procedure in table 26.8.1.2/3. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. Their values are used in test body. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for ciphering key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCEstablishMO_SDCCH4(ta) | | | |
| 2 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 3 | | L?DL_EstInCmsRq | CMSerReq(CMServiceReq_04) | | |
| 4 | | ACTIVATE(OtherEvents) | | | Restore Normal default tree |
| 5 | | +Ciphering_on(TCV_ch) | | | |
| 6 | | +SetupRcvMo(SetupInd_01) | | | |
| 7 | | +CCAuthenticate(TCV_ch) | | | |
| 8 | | LIDL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 9 | | +CCstatuschk_02(TCV_ch, C_U3, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-----------------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU3_24(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U3 by procedure in table 26.8.1.2/4. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU1_24(actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +CCModifyTCH(slot, tsc) | | | |
| 3 | | LIDL_DatRqCallProc | CallProc(TCV_chTch, TCV_CallProc) | | |
| 4 | | +CCstatuschk_02(TCV_chTch, C_U3, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU4_21(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U4 by procedure in table 26.8.1.2/1. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI contains the transaction identifier from the MS, and TCV_TI0 contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU3_21(ta) | | | |
| 2 | | L!DL_DatRqAlert | AlertSnd(TCV_ch, Alerting_01(TCV_TI)) | | |
| 3 | | +CCstatuschk_02(TCV_ch, C_U4, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Step Name: | | PreEnterCCstateU4_22(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U4 by procedure in table 26.8.1.2/2. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU3_22(acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | L!DL_DatRqAlert | AlertSnd(TCV_chTch, Alerting_01(TCV_TI)) | | |
| 3 | | +CCstatuschk_02(TCV_chTch, C_U4, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|----------|
| Test Step Name: | | PreEnterCCstateU4_23(slot:SN; tsc:TSC; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U4 by procedure in table 26.8.1.2/3. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for ciphering key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU3_23(ta) | | | |
| 2 | | +CCAssignTCH(slot, tsc) | | | |
| 3 | | L!DL_DatRqAlert | AlertSnd(TCV_chTch, Alerting_01(TCV_TI)) | | |
| 4 | | +CCstatuschk_02(TCV_chTch, C_U4, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Step Name: | | PreEnterCCstateU4_24(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U4 by procedure in table 26.8.1.2/4. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU3_24(acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | L!DL_DatRqAlert | AlertSnd(TCV_chTch, Alerting_01(TCV_TI)) | | |
| 3 | | +CCstatuschk_02(TCV_chTch, C_U4, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|--------------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU6_32(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U6 by procedure in table 26.8.1.3/2. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | State U6 is a transient state. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Setup_mt.sig :=Signal_01) | | | |
| 2 | | +CCEstablishMT_SDCCH4(ta) | | | 1. |
| 3 | | +CIPHERING_on(TCV_ch) | | | |
| 4 | | L!DL_DatRqSetup | SetupSnd(TCV_ch, TCV_Setup_mt) | | |
| Detailed Comments: 1. To assign SDCCH4 channel. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU7_31(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U7 by procedure in table 26.8.1.3/1. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used only for the MS not support immediate connection. State U7 is transit state if the MS supports automatic connect after a specific time. The calling tree shall prepare two variables for the step: TCV_ch for SDCCH4 subchannel, TCV_CphKey for ciphering key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU9_31(ta) | | | |
| 2 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01)) | | |
| 3 | | +CCstatuschk_02(TCV_ch, C_U7, TI_02, TI_01) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---------------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU7_32(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U7 by procedure in table 26.8.1.3/2. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used only for the MS not support immediate connection. State U7 is transit state if the MS supports automatic connect after a specific time. The calling tree shall prepare two variables for the step: TCV_ch for SDCCH4 subchannel, TCV_CphKey for ciphering key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU9_32(ta) | | | |
| 2 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01)) | | |
| 3 | | +CCstatuschk_02(TCV_ch, C_U7, TI_02, TI_01) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---------------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU7_33(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U7 by procedure in table 26.8.1.3/3. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used only for the MS not support immediate connection. State U7 is transit state if the MS supports automatic connect after a specific time. The calling tree shall prepare two variables for the step: TCV_chTch for traffic channel, TCV_CphKey for ciphering key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU9_33(acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01)) | | |
| 3 | | +CCstatuschk_02(TCV_chTch, C_U7, TI_02, TI_01) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|---------------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU8_31(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U8 by procedure in table 26.8.1.3/1. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The calling tree shall prepare two variables for the step: TCV_ch for SDCCH4 subchannel, TCV_CphKey for ciphering key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU9_31(ta) | | | |
| 2 | | [TCV_ImmConn = FALSE] | | | |
| 3 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01)) | | |
| 4 | | (TCV_Null := OO_HookOff()) | | | 1. |
| 5 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 6 | | +CCstatuschk_02(TCV_ch, C_U8, TI_02, TI_01) | | | 2. |
| 7 | | [TCV_ImmConn = TRUE] | | | |
| 8 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 9 | | +CCstatuschk_02(TCV_ch, C_U8, TI_02, TI_01) | | | 2. |
| Detailed Comments: | | | | | |
| 1. To accept the call by operator. | | | | | |
| 2. To check whether the MS is in the expected initial state U8. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|---------------------------------|---|----------|
| Test Step Name: PreEnterCCstateU8_32(slot:SN; tsc:TSC; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To bring the MS into CC state U8 by procedure in table 26.8.1.3/2. This is used in CC testing. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: The calling tree shall prepare three variables for the step: TCV_ch for SDCCH4 subchannel, TCV_chTch for traffic channel, TCV_CphKey for ciphering key, TCV_AssCmd for ASSIGNMENT message. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU9_32(ta) | | | |
| 2 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 3 | | +CCAssignTCH(slot, tsc) | | | |
| 4 | | +CCstatuschk_02(TCV_ch, C_U8, TI_02, TI_01) | | | 2. |
| 5 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01)) | | |
| 6 | | (TCV_Null := OO_HookOff()) | | | 1. |
| 7 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 8 | | +CCAssignTCH(slot, tsc) | | | |
| 9 | | +CCstatuschk_02(TCV_chTch, C_U8, TI_02, TI_01) | | | 2. |
| Detailed Comments: | | | | | |
| 1. To accept the call by operator. | | | | | |
| 2. To verify whether the MS is in the expected initial state U8. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|---------------------------------|---|----------|
| Test Step Name: PreEnterCCstateU8_33(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To bring the MS into CC state U8 by procedure in table 26.8.1.3/3. This is used in CC testing. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: The calling tree shall prepare three variables for the step: TCV_ch for SDCCH4 subchannel, TCV_chTch for traffic channel, TCV_CphKey for ciphering key. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU9_33(actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01)) | | |
| 3 | | (TCV_Null := OO_HookOff()) | | | |
| 4 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 5 | | +CCstatuschk_02(TCV_chTch, C_U8, TI_02, TI_01) | | | 3. |
| 6 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 7 | | +CCstatuschk_02(TCV_chTch, C_U8, TI_02, TI_01) | | | 3. |
| Detailed Comments: | | | | | |
| 1. Immediate connection is not supported. | | | | | |
| 2. Immediate connection is supported. | | | | | |
| 3. To verify whether the MS is in the expected initial state U8. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-----------------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU9_31(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U9 by procedure in table 26.8.1.3/1. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The state U9 is a transient state when the signal IE is included in the SETUP message. The calling tree shall prepare three variables for the test step: TCV_ChRate for the type of the channel, TCV_CphKey for the ciphering key and TCV_ChMod for the channel mode. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Setup_mt.sig := Signal_01) | | | |
| 2 | | +CCEstablishMT_SDCCH4(ta) | | | 1. |
| 3 | | +CCAuthenticate(TCV_ch) | | | 2. |
| 4 | | +Ciphering_on(TCV_ch) | | | 3. |
| 5 | | L!DL_DatRqSetup | SetupSnd(TCV_ch, TCV_Setup_mt) | | |
| 6 | | L?DL_DatInCallCo | CallCfm(CallConfirm_01) | | |
| Detailed Comments: | | 1. To establish a MT SDCCH/4. 2. To initiate authentication procedure. 3. To start ciphering on the traffic channel. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU9_32(ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U9 by procedure in table 26.8.1.3/2. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The state U9 in the test step is a transient state. The calling tree shall prepare two variables for the test step TCV_ch of SDCCH4 subchannel, TCV_CphKey. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU6_32(ta) | | | |
| 2 | | L?DL_DatInCallCo | CallCfm(CallConfirm_01) | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--------------------------------------|---|----------|
| Test Step Name: | | PreEnterCCstateU9_33(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U9 by procedure in table 26.8.1.3/3. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The state U9 is a transient state when the signal IE is included in the SETUP message. The calling tree shall prepare three variables for the test step: TCV_ChRate for the type of the channel, TCV_CphKey for the ciphering key and TCV_ChMod for the channel mode. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Setup_mt.sig := Signal_01) | | | |
| 2 | | +CCEstablishMT_TCH(actype, slot, tsc, ta, babr, cch_con, bpm) | | | 1. |
| 3 | | +CCAuthenticate(TCV_chTch) | | | 2. |
| 4 | | +Ciphering_on(TCV_chTch) | | | 3. |
| 5 | | +CCModifyTCH(slot, tsc) | | | 4. |
| 6 | | L!DL_DatRqSetup | SetupSnd(TCV_chTch, TCV_Setup_mt) | | |
| 7 | | L?DL_DatInCallCo | CallCfm(CallConfirm_01) | | |
| Detailed Comments: | | 1. To establish a MT TCH/F or TCH/H. 2. To initiate authentication procedure. 3. To start ciphering on the traffic channel. 4. To modify the channel mode. | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|--------------|--|-----------------------------------|----------|-----------------|
| Test Step Name: PreEnterCCstateU9_34(ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To bring the MS into CC state U9 by procedure in table 26.8.1.3/4. This is used in CC testing. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: The supported bearer capability is specified in the input parameter setup. The calling tree shall prepare two variables for the step: TCV_ch for SDCCH4 subchannel, TCV_CphKey for ciphering key. The `setup` shall contain no signal IE. The test step is used for the MS does not support immediate connect. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCEstablishMT_SDCCH4(ta) | | | 1. |
| 2 | | +Ciphering_on(TCV_ch) | | | |
| 3 | | L!DL_DatRqSetup | SetupSnd(TCV_ch, TCV_Setup_mt) | | 2. |
| 4 | | L?DL_DatInCallCo | CallCfm(CallConfirm_ 01) | | |
| 5 | | +CCstatuschk_02(TCV_ch, C_U9, TI_02, TI_01) | | | 3. |
| Detailed Comments: | | | | | |
| 1. To assign SDCCH4 channel. | | | | | |
| 2. SETUP message without SIGNAL IE. | | | | | |
| 3. To check whether the MS is in the initial state U9, if no the test step ends with inconclusive verdict in the default tree. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---------------------------------------|-----|----------|
| Test Step Name: | | PreEnterCCstateU10(setup:SETUP_MT_PDU; slot:SN; tsc:TSC; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a mobile terminating call for the supported bearer capability and put the MS under test in the CC state U10. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The supported bearer capability is specified in the input parameter setup, test case variable TCV_TI holds the transaction ID and the transaction ID =0. This is generic call set up procedure. The calling tree shall prepare three variables for the step: TCV_ch for SDCCH4 subchannel, TCV_chTch for traffic channel, TCV_CphKey for ciphering key. This test step is used for non RR testing. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCEstablishMT_SDCCH4(ta) | | | |
| 2 | | L!DL_DatRqAuthRq | AuthReq(TCV_ch, AuthRequest_01) | | |
| 3 | | L?DL_DatInAuthRes (TCV_Sres := DL_DatInAuthRes.msg.sres) | AuthRes(AuthResponse_01) | | |
| 4 | | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | [TCV_Res = FALSE] | | (I) | 1. |
| 6 | | +PostLinkRelEnd(TCV_ch) | | | |
| 7 | | [TCV_Res = TRUE] | | | |
| 8 | | +Ciphering_on(TCV_ch) | | | |
| 9 | | L!DL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupSnd(TCV_ch, setup) | | |
| 10 | | L?DL_DatInCallCo(TCV_CallCfm:=DL_DatInCallCo.msg) | CallCfm(CallConfirm_01) | | |
| 11 | | +CCAssignTCH(slot, tsc) | | | |
| 12 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 13 | | L!DL_DatRqConnAck | ConnAckSnd(TCV_ch Tch, ConnectAck_01) | | |
| 14 | | +CCstatuschk_02(TCV_chTch, C_U10, TCV_TI, TI_01) | | | |
| 15 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01)) | | |
| 16 | | (TCV_Null := OO_HookOff()) | | | |
| 17 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 18 | | L!DL_DatRqConnAck | ConnAckSnd(TCV_ch Tch, ConnectAck_01) | | |
| 19 | | +CCstatuschk_02(TCV_chTch, C_U10, TCV_TI, TI_01) | | | |
| Detailed Comments: | | 1. Authentication fails, inconclusive. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---------------------------------------|-----|----------|
| Test Step Name: | | PreEnterCCstateU10_late(setup:SETUP_MT_PDU; slot:SN; tsc:TSC; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a mobile terminating call for the supported bearer capability and put the MS under test in the CC state U10. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The supported bearer capability is specified in the input parameter setup, test case variable TCV_TI holds the transaction ID and the transaction ID =0. This is generic call set up procedure. The calling tree shall prepare three variables for the step: TCV_ch for SDCCH4 subchannel, TCV_chTch for traffic channel, TCV_CphKey for ciphering key. This test step is used for non RR testing. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCEstablishMT_SDCCH4(ta) | | | |
| 2 | | L!DL_DatRqAuthRq | AuthReq(TCV_ch, AuthRequest_01) | | |
| 3 | | L?DL_DatInAuthRes (TCV_Sres := DL_DatInAuthRes.msg.sres) | AuthRes(AuthResponse_01) | | |
| 4 | | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDDef)) | | | |
| 5 | | [TCV_Res = FALSE] | | (I) | 1. |
| 6 | | +PostLinkRelEnd(TCV_ch) | | | |
| 7 | | [TCV_Res = TRUE] | | | |
| 8 | | +Ciphering_on(TCV_ch) | | | |
| 9 | | (TCV_Setup_mt.sig := Signal_01) | | | |
| 10 | | L!DL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupSnd(TCV_ch, setup) | | |
| 11 | | L?DL_DatInCallCo (TCV_CallCfm := DL_DatInCallCo.msg) | CallCfm(CallConfirm_01) | | |
| 12 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 13 | | +localtree | | | |
| 14 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01) | | |
| 15 | | (TCV_Null := OO_HookOff()) | | | |
| 16 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 17 | | +localtree | | | |
| | | localtree | | | |
| 18 | | +CCAssignTCH(slot, tsc) | | | |
| 19 | | L!DL_DatRqConnAck | ConnAckSnd(TCV_ch Tch, ConnectAck_01) | | |
| 20 | | +CCstatuschk_02(TCV_chTch, C_U10, TI_02, TI_01) | | | |
| Detailed Comments: | | 1. Authentication fails, inconclusive. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Step Name: | | PreEnterCCstateU10_r01(Ta:TA; sub:BITSTRING; powerlevel1,powerlevel2:INTEGER) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a mobile terminating call for the supported bearer capability and put the MS in the CC state U10. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The supported bearer capability is specified in the input parameter setup, test case variable TCV_TI holds the transaction ID and the transaction ID =0. This is generic call set up procedure. The calling tree shall prepare three variables for the step: TCV_ch for SDCCH4 subchannel, TCV_chTch for traffic channel, TCV_CphKey for ciphering key. The timing advance is parameter. For RR testing. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 2 | | LIDL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 3 | | L?DL_RaInChRq (TCV_Rr := DL_RaInChRq.msg.ecau_rrf, TCV_Fn := DL_RaInChRq.fn) | ChReq_01 | | |
| 4 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 5 | | LIDL_UdatRqImm | ImmAss_r10(TCV_ag ch, TCV_Rr, TCV_Fn, sub, TCV_slot, TCV_tsc, Ta, TCV_chdescr_arfcn) | | |
| 6 | | L?DL_EstInPgRes | PgRes_01 | | |
| 7 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 8 | | LIDL_DatRqAuthRq | AuthReq(TCV_ch, AuthRequest_01) | | |
| 9 | | L?DL_DatInAuthRes (TCV_Sres := DL_DatInAuthRes.msg.sres) | AuthRes(AuthResponse_01) | | |
| 10 | | (TCV_Res := OC_ChkSRES(TCV_Sres, TSPX_Ki, TSPX_RANDDef)) | | | |
| 11 | | [TCV_Res = FALSE] | | I | 1. |
| 12 | | [TCV_Res = TRUE] | | | |
| 13 | | +Ciphering_on(TCV_ch) | | | |
| 14 | | +localtree | | | |
| | | localtree | | | |
| 15 | | (TCV_Setup_mt.sig := Signal_01) | | | |
| 16 | | LIDL_DatRqSetup (TCV_TI.ti_f := '0'B, TCV_TI.ti_v := '000'B) | SetupSnd(TCV_ch, TCV_Setup_mt) | | |
| 17 | | L?DL_DatInCallCo (TCV_CallCfm:=DL_DatInCallCo.msg) | CallCfm(CallConfirm_01) | | |
| 18 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 19 | | +localtree1 | | | |
| 20 | | L?DL_DatInAlert | AlertRcv(AlertingInd_02(TI_01) | | |
| 21 | | (TCV_Null := OO_HookOff()) | | | |
| 22 | | L?DL_DatInConn | ConnRcv(Connect_01) | | |
| 23 | | +localtree1 | | | |
| | | localtree1 | | | |
| 24 | | +AssCmdGenMT(C_Full) | | | |
| 25 | | +Adjust_gsmanddcs_powerlvl(powerlevel1, powerlevel2, TCV_AssCmd) | | | |
| 26 | | +AssCh_complete(TCV_ch, TCV_chTch, TCV_AssCmd) | | | |
| 27 | | LIDL_DatRqConnAck | ConnAckSnd(TCV_ch Tch, ConnectAck_01) | | |
| 28 | | +CCstatuschk_02(TCV_chTch, C_U10, TCV_Setup_mt.ti, OC_ReverseTfOfTi(TCV_Setup_mt.ti)) | | | |
| Detailed Comments: | | 1. Authentication fails, inconclusive. | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|---|---|---|----------|
| Test Step Name: PreEnterCCstateU10_21(slot:SN; tsc:TSC; ta:TA) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To bring the MS into CC state U10 by procedure in table 26.8.1.2/1. This is used in CC testing. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: TCV_T10 contains the transaction identifier from the MS, and TCV_T1 contains the transaction identifier for test system to send CC message. The values of them are used in test body. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for ciphering key. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU4_21(ta) | | | 1. |
| 2 | | +CCAssignTCH(slot, tsc) | | | |
| 3 | | L!DL_DatRqConn | ConnSnd(TCV_chTch | | |
| 4 | | L?DL_DatInConnAck | , Connect_02(TCV_T1)) ConnAckRcv(Connect Ack_02(TCV_T10)) | | |
| 5 | | +CCstatuschk_02(TCV_chTch, C_U10, TCV_T1, TCV_T10) | | | |
| Detailed Comments: 1. To assign the suitable traffic channel to the MS. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|---|---|----------|
| Test Step Name: PreEnterCCstateU10_22(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To bring the MS into CC state U10 by procedure in table 26.8.1.2/2. This is used in CC testing. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: TCV_T10 contains the transaction identifier from the MS, and TCV_T1 contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU4_22(actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | L!DL_DatRqConn | ConnSnd(TCV_chTch | | |
| 3 | | L?DL_DatInConnAck | , Connect_02(TCV_T1)) ConnAckRcv(Connect Ack_02(TCV_T10)) | | |
| 4 | | +CCstatuschk_02(TCV_chTch, C_U10, TCV_T1, TCV_T10) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|----------|
| Test Step Name: | | PreEnterCCstateU11_23(slot:SN; tsc:TSC; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U11 by procedure in table 26.8.1.2/3. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for ciphering key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU4_23(slot, tsc, ta) | | | |
| 2 | | L!DL_DatRqConn | ConnSnd(TCV_chTch | | |
| 3 | | L?DL_DatInConnAck | , Connect_02(TCV_TI)) ConnAckRcv(Connect Ack_02(TCV_TI0)) | | |
| 4 | | +TermCall | | | |
| 5 | | L?DL_DatInDisc (TCV_Cau0 := DL_DatInDisc.msg.cau, TCV_Fn := DL_DatInDisc.fn) | DiscRcv(TCV_chTch, Disconn_05(TCV_TI0) | | |
| 6 | | +CCstatuschk_02(TCV_chTch, C_U11, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To assign SDCCH4 channel. 2. Full rate channel needed, to setup a physical channel as full rate traffic channel. 3. Half rate channel needed, to setup a physical channel as half rate traffic channel. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|----------|
| Test Step Name: | | PreEnterCCstateU11_23Timer(slot:SN; tsc:TSC; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U11 by procedure in table 26.8.1.2/3. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for ciphering key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU4_23(slot, tsc, ta) | | | |
| 2 | | L!DL_DatRqConn | ConnSnd(TCV_chTch | | |
| 3 | | L?DL_DatInConnAck | , Connect_02(TCV_TI)) ConnAckRcv(Connect Ack_02(TCV_TI0)) | | |
| 4 | | +TermCall | | | |
| 5 | | L?DL_DatInDisc (TCV_Cau0 := DL_DatInDisc.msg.cau, TCV_Fn := DL_DatInDisc.fn) START T_dly(45000) | DiscRcv(TCV_chTch, Disconn_05(TCV_TI0) | | |
| 6 | | +CCstatuschk_02(TCV_chTch, C_U11, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To assign SDCCH4 channel. 2. Full rate channel needed, to setup a physical channel as full rate traffic channel. 3. Half rate channel needed, to setup a physical channel as half rate traffic channel. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|----|----------|
| Test Step Name: | | PreEnterCCstateU11_24(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U11 by procedure in table 26.8.1.2/4. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU4_24(acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | L!DL_DatRqConn | ConnSnd(TCV_chTch, Connect_02(TCV_TI)) | | |
| 3 | | L?DL_DatInConnAck | ConnAckRcv(Connect Ack_02(TCV_TI0)) | | |
| 4 | | +TermCall | | | |
| 5 | | L?DL_DatInDisc | DiscRcv(TCV_chTch, Disconn_05(TCV_TI0)) | | |
| 6 | | +CCstatuschk_02(TCV_chTch, C_U11, TCV_TI, TCV_TI0) | | 1. | |
| Detailed Comments: | | 1. Now in CC state U11 and cause = #30. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Step Name: | | PreEnterCCstateU12_21(slot:SN; tsc:TSC; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U12 by procedure in table 26.8.1.2/1. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The DISCONNECT message containing progress indicator #8. TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for ciphering key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU10_21(slot, tsc, ta) | | | |
| 2 | | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_04(TCV_TI)) | | 1. |
| 3 | | +CCstatuschk_02(TCV_chTch, C_U12, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | 1. Progress indicator = #8. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|----|----------|
| Test Step Name: | | PreEnterCCstateU12_22(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U12 by procedure in table 26.8.1.2/2. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The DISCONNECT message containing progress indicator #8. TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU10_22(acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_04(TCV_TI)) | | |
| 3 | | +CCstatuschk_02(TCV_chTch, C_U12, TCV_TI, TCV_TI0) | | 1. | |
| Detailed Comments: | | 1. Now in CC state U12 | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | PreEnterCCstateU12_23(slot:SN; tsc:TSC; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U12 by procedure in table 26.8.1.2/3. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The DISCONNECT message containing progress indicator #8. TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for ciphering key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU4_23(slot, tsc, ta) | | | |
| 2 | | LIDL_DatRqConn | ConnSnd(TCV_chTch | | |
| 3 | | L?DL_DatInConnAck | Connect_02(TCV_TI)) ConnAckRcv(Connect Ack_02(TCV_TI0)) | | |
| 4 | | LIDL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_04(TCV_TI)) | | 1. |
| 5 | | +CCstatuschk_02(TCV_chTch, C_U12, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | 1. Progress indicator = #8. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | PreEnterCCstateU19_21(slot:SN; tsc:TSC; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U19 by procedure in table 26.8.1.2/1. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TI0 contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. The calling tree shall prepare two variables for the step: TCV_ch for the SDCCH4 subchannel; TCV_CphKey for ciphering key. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU10_21(slot, tsc, ta) | | | |
| 2 | | LIDL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 3 | | L?DL_DatInRel | ReleaseRcv(Release _10(TCV_TI0)) | | |
| 4 | | +CCstatuschk_02(TCV_chTch, C_U19, TCV_TI, TCV_TI0) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Step Name: | | PreEnterCCstateU19_24(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U19 by procedure in table 26.8.1.2/4. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TIO contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU4_24(acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | L!DL_DatRqConn | ConnSnd(TCV_chTch, Connect_02(TCV_TI)) | | |
| 3 | | L?DL_DatInConnAck | ConnAckRcv(Connect Ack_02(TCV_TIO)) | | |
| 4 | | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 5 | | L?DL_DatInRel (TCV_Fn := DL_DatInRel.fn) | ReleaseRcv(Release_10(TCV_TIO)) | | |
| 6 | | +CCstatuschk_02(TCV_chTch, C_U19, TCV_TI, TCV_TIO) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|---|----------|
| Test Step Name: | | PreEnterCCstateU19_24Timer(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; babr, cch_con, bpm:B_3) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To bring the MS into CC state U19 by procedure in table 26.8.1.2/4. This is used in CC testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | TCV_TIO contains the transaction identifier from the MS, and TCV_TI contains the transaction identifier for test system to send CC message. The values of them are used in test body. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreEnterCCstateU4_24(acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | L!DL_DatRqConn | ConnSnd(TCV_chTch, Connect_02(TCV_TI)) | | |
| 3 | | L?DL_DatInConnAck | ConnAckRcv(Connect Ack_02(TCV_TIO)) | | |
| 4 | | L!DL_DatRqDisc | DiscSnd(TCV_chTch, Disconn_07(TCV_TI)) | | |
| 5 | | L?DL_DatInRel (TCV_Fn := DL_DatInRel.fn) START T_dly(45000) | ReleaseRcv(Release_10(TCV_TIO)) | | |
| 6 | | +CCstatuschk_02(TCV_chTch, C_U19, TCV_TI, TCV_TIO) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--|---|-------------------------|
| Test Step Name: | | PreEstRRConn(slot:SN; tsc:TSC; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a RR connection on SDCCH subchannel defined by TSPX_SDCCH4SubDef in cell A | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The calling tree shall prepare variable for the step: TCV_ch for the SDCCH4 subchannel TSPX_SDCCH4SubDef. This test step is used for non RR testing. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCCH_group_Paging_group(TCV_Ccd0A, TSPX_IMSI) | | | |
| 2 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_01) | | |
| 3 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 4 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 5 | | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, slot, tsc, TCV_chdescr_arfcn, ta) | | |
| 6 | | L?DL_EstInPgRes | PgRes_01 | | |
| 7 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|--|-----|-------------------------|
| Test Step Name: | | PreEstRRC_MM(par_mi:MI; cksn: BITSTRING; ccd: CCD; imsi:HEXSTRING; ta:TA) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To establish a RR connection on C_SDCCH4_A_1 | | | |
| Default: | | OtherEvents | | | |
| Comments: | | used var's: TCV_Rr, TCV_Fn, TCV_Pgch, TCV_ia_ts, TCV_chdescr_arfcn | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CCCH_group_Paging_group(ccd, imsi) | | | |
| 2 | | L!DL_UdatRqPg1Rq | PgReq1(TCV_PgCh, TCV_Pgg, PgReqTp1_30(par_mi)) | | |
| 3 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_01 | | |
| 4 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 5 | | L!DL_UdatRqImm | ImmAss_01Def(TCV_agch, TCV_Rr, TCV_Fn, TCV_slot, TCV_tsc, TCV_chdescr_arfcn, ta) | | |
| 6 | | L?DL_EstInPgRes | PgRes_30(par_mi, cksn) | (P) | |
| 7 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|-------------------------|
| Test Step Name: | | PreModifySetup(actype:BITSTRING; slot:SN; tsc:TSC; t, retr, att:INTEGER; actypeT:BITSTRING; slotT:SN; tscT:TSC; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup dual mode call and initiate MO incall modification. This is used in CC test group 26.8.1.4.5. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreCCSetup(actype, slot, tsc, t, retr, att, ta, babr, cch_con, bpm, t3212) | | | |
| 2 | | +CCConfigTCH(actypeT, slotT, tscT, ta, babr, cch_con, bpm) | | | |
| 3 | | +AttmpDualModeCall | | | 1. |
| 4 | | +BasicServiceMO(TSPX_MO_BscSvc_DualModeCall, TSPX_MO_rate_DualModeCall) | | | |
| 5 | | +CCEstablishMO_SDCCH4(ta) | | | |
| 6 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 7 | | L?DL_EstInCmsRq | CMSerReq(CMServiceReq_04) | | |
| 8 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 9 | | +CIPHERING_on(TCV_ch) | | | |
| 10 | | +SetupRcvMo1(SetupInd_02) | | | |
| 11 | | +CCAuthenticate(TCV_ch) | | | |
| 12 | | L!DL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 13 | | +CCAssignTCH(slotT, tscT) | | | |
| 14 | | L!DL_DatRqAlert | AlertSnd(TCV_chTch, Alerting_01(TCV_TI)) | | |
| 15 | | L!DL_DatRqConn | ConnSnd(TCV_chTch, Connect_02(TCV_TI)) | | |
| 16 | | L?DL_DatInConnAck | ConnAckRcv(ConnectAck_02(TCV_TI0)) | | |
| 17 | | +InCallModi1(TSPX_MO_BscSvc_DualModeCall) | | | 2. |
| 18 | | L?DL_DatInModify(TCV_Fn := DL_DatInModify.fn, TCV_Modify := DL_DatInModify.msg) | ModifyRcv(ModifyInd_01(TCV_TI0, TCV_Bcap2)) | | 3. |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To attempt a dual mode call. 2. MMI action to initiate in-call modification. 3. The expected MODIFY message received. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|-------------------------|
| Test Step Name: | | PreModifySetupTimer(acttype:BITSTRING; slot:SN; tsc:TSC; t, retr, att:INTEGER; acttypeT:BITSTRING; slotT:SN; tscT:TSC; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup dual mode call and initiate MO incall modification. This is used in CC test group 26.8.1.4.5. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +PreCCSetup(acttype, slot, tsc, t, retr, att, ta, babr, cch_con, bpm, t3212) | | | |
| 2 | | +CCConfigTCH(acttypeT, slotT, tscT, ta, babr, cch_con, bpm) | | | |
| 3 | | +AttmpDualModeCall | | | 1. |
| 4 | | +BasicServiceMO(TSPX_MO_BscSvc_DualModeCall, TSPX_MO_rate_DualModeCall) | | | |
| 5 | | +CCEstablishMO_SDCCH4(ta) | | | |
| 6 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 7 | | L?DL_EstInCmsRq | CMSerReq(CMServiceReq_04) | | |
| 8 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 9 | | +ltree_continue | | | |
| | | ltree_continue | | | |
| 10 | | +CIPHERING_on(TCV_ch) | | | |
| 11 | | +SetupRcvMo1(SetupInd_02) | | | |
| 12 | | +CCAAuthenticate(TCV_ch) | | | |
| 13 | | LIDL_DatRqCallProc | CallProc(TCV_ch, TCV_CallProc) | | |
| 14 | | +CCAssignTCH(slotT, tscT) | | | |
| 15 | | L!DL_DatRqAlert | AlertSnd(TCV_chTch, Alerting_01(TCV_TI)) | | |
| 16 | | LIDL_DatRqConn | ConnSnd(TCV_chTch, Connect_02(TCV_TI)) | | |
| 17 | | L?DL_DatInConnAck | ConnAckRcv(ConnectAck_02(TCV_TI0)) | | |
| 18 | | +InCallModi1(TSPX_MO_BscSvc_DualModeCall) | | | 2. |
| 19 | | L?DL_DatInModify (TCV_Fn := DL_DatInModify.fn, TCV_Modify := DL_DatInModify.msg) START T_dly(45000) | ModifyRcv(ModifyInd_01(TCV_TI0, TCV_Bcap2)) | | 3. |
| Detailed Comments: | | 1. To attempt a dual mode call. 2. MMI action to initiate in-call modification. 3. The expected MODIFY message received. | | | |

| Test Step Dynamic Behaviour | | | | | |
|---|-------|--|--|---|------------------------|
| Test Step Name: StartCellA_CBMS(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To setup a physical channel as combined BCCH, CCCH and SDCCH4. CBCH replaces SDCCH number 2 for the CBSMS. Then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: Default parameter. IMSI attach detach is not allowed. Cell A is belonging to PLMN1. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | +CombinedBCCH_A_CBMS(acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 3 | | +sysinfo | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | +WaitForInService | | | |
| | | sysinfo | | | |
| 6 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | |
| 7 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_laccellA, CellOpt_01)) | | | |
| 8 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 9 | | LIDL_UdatRqSysinfo4 | SysInfo4_CBMS(C_BCCH_A_1, C_PLMN_1, C_laccellA, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment, ChDescrp_29) | | acc. GSM 11.10, 34.3.3 |
| 10 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 11 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01)) | | | |
| 12 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_A_1, C_ci_cellA, C_PLMN_1, C_laccellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 13 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_laccellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 14 | | [TSPC_DCS] | | | |
| 15 | | LIDL_UdatRqSysinfo4 | SysInfo4_CBMS(C_BCCH_A_1, C_PLMN_1, C_laccellA, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, | | acc. GSM 11.10, 34.3.3 |

| | | |
|---------------------------|--|---|
| 16 | LIDL_UdatRqSysinfo2 | TCV_Tx, C_Restablishment, ChDescrp_30) SysInfo2(C_BCCH_A _1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_Restablishment) |
| 17 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_48)) | |
| 18 | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCC H_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) |
| 19 | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) |
| Detailed Comments: | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-------------------|---|----------|
| Test Step Name: | | StartCellA(par_bspwr:INTEGER; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING; Re:BITSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup a physical channel as combined BCCH, CCCH and SDCCH4 then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters of cell A. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(par_bspwr, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 4 | | +SysInfoSending_MM_A(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellA, C_PLMN_1, C_lacellA, CellChDes_02, C_CellReselectHys0, C_MaxPwrLvIG, BcchFreqLst_01, Re) | | | |
| 5 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 6 | | [TSPC_DCS] | | | 2. |
| 7 | | +SysInfoSending_MM_A(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellA, C_PLMN_1, C_lacellA, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvID, BcchFreqLst_48, Re) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: | | 1. For GSM900 mobile station testing. 2. For DCS1800 mobile station testing. | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|---|---|----------|
| Test Step Name: StartCellA_1(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To set up a physical channel with parameters different from default and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell A, then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: MNC = '03'O, power level = 38 dBuV are different from defaults. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0A := CntriChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | +CombinedBCCH_A(38, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 3 | | +sysinfo | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | +WaitForInService | | | |
| | | sysinfo | | | |
| 6 | | L!DL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | |
| 7 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_3, C_laccellA, CellOpt_01)) | | | |
| 8 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 9 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_3, C_laccellA, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restabishment) | | |
| 10 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BchFreqLst_01, TCV_Max, TCV_Tx, C_Restabishment) | | |
| 11 | | (TCV_sysinfo5 := SysInf5(BchFreqLst_45)) | | | |
| 12 | | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_H_A_1, C_ci_cellA, C_PLMN_3, C_laccellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restabishment) | | |
| 13 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_3, C_laccellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restabishment) | | |
| 14 | | [TSPC_DCS] | | | |
| 15 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_3, C_laccellA, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_Restabishment) | | |
| 16 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A | | |

| | | | |
|---------------------------|--|---|--|
| 17 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_03)) | _1, BcchFreqLst_03, TCV_Max, TCV_Tx, C_Restablishment) | |
| 18 | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCC H_A_1, C_ci_cellA, C_PLMN_3, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | |
| 19 | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_3, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | |
| Detailed Comments: | | | |

Test Step Dynamic Behaviour

| Test Step Name: StartCellA_2(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
|--|-------|---|------|---|----------|
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To setup a physical channel as combined BCCH, CCCH and SDCCH4 then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: IMSI attach/detach not allowed (ATT=0). | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 3 | | +SysInfoSending_MM_A(5, 1, 0, 0, '000'B, '001'B, '011'B, '00'O, C_ci_cellA, C_PLMN_1, C_lacellA, CellChDes_02, C_CellReselectHys0, C_MaxPwrLvlG, BcchFreqLst_45, C_noRestablishment) | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 5 | | [TSPC_DCS] | | | |
| 6 | | +SysInfoSending_MM_A(5, 1, 0, 0, '000'B, '001'B, '011'B, '00'O, C_ci_cellA, C_PLMN_1, C_lacellA, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvlD, BcchFreqLst_03, C_noRestablishment) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| Detailed Comments: 1. CCCH combined with SDCCH, Tx-integer = 5, Max-retrans = 1, ATT = 0. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|------|---|----------|
| Test Step Name: StartCellA_MM1(acttype:BITSTRING; slot:SN; tsc:TSC; att:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To setup a physical channel as combined BCCH, CCCH and SDCCH4 then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters of cell A. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: IMSI attach/detach allowed (ATT=1). | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_m1(att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 4 | | +WaitForInService | | | |
| Detailed Comments: 1. CCCH combined with SDCCH, Tx-integer = 5, Max-retrans = 1, ATT = 1. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | StartCellA_MM2(acttype:BITSTRING; slot:SN; tsc:TSC; t, retr, att, neci:INTEGER; ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | Exact same procedure StartCellA_MM1 with except the used LAC-value. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | LAC-Change from C_lacellA to C_lacellB! with following parameters CCCH combined with SDCCH, Tx-integer = 5, Max-retrans = 1, ATT = 1. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +sysinfo | | | |
| 3 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 4 | | sysinfo (TCV_Tx := OC_CnvtTx(t), TCV_Max := OC_CnvtMax(retr), TCV_Neci := INT_TO_BIT(neci,1), TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 5 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellB, CellOpt_01)) | | | |
| 6 | | [TSPC_PGSM OR TSPC_EGSM] | | | 1. |
| 7 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 8 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01)) | | | |
| 10 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellB, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellB, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | 3. |
| 12 | | [TSPC_DCS] | | | 2. |
| 13 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellB, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_48, TCV_Max, TCV_Tx, | | |

| | | | | |
|--|--|--|---|--|
| 15 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_48)) | C_noRestablishment) | |
| 16 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCC H_A_1, C_ci_cellA, C_PLMN_1, C_lacellB, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| 17 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_1, C_lacellB, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| <p>Detailed Comments:</p> <ol style="list-style-type: none"> 1. For GSM900 mobile station testing. 2. For DCS1800 mobile station testing. 3. CCCH combined with SDCCH. | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|-------------------|---|----------|
| Test Step Name: | | StartCellAandB(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212a, t3212b:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup a physical channel as combined BCCH, CCCH and SDCCH4 then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters of cell A and cell B. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_A(63, FreqBCCHa_rg, FreqBCCHa_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +CombinedBCCH_B(53, FreqBCCHb_rg, FreqBCCHb_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 3 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | |
| 4 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_B) | | |
| 5 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 6 | | +SysInfoSending_MM_A(5, 1, 0, att, babr, cch_con, bpm, t3212a, C_ci_cellA, C_PLMN_1, C_laccellA, CellChDes_01, C_CellReselectHys0, C_MaxPwrLvIG, BcchFreqLst_01, C_noRestablishment) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 8 | | +SysInfoSending_MM_B(5, 1, 0, att, babr, cch_con, bpm, t3212b, C_ci_cellB, C_PLMN_2, C_laccellB, CellChDes_04, C_CellReselectHys0, C_MaxPwrLvIG, BcchFreqLst_01, C_noRestablishment) | | | |
| 9 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 10 | | [TSPC_DCS] | | | |
| 11 | | +SysInfoSending_MM_A(5, 1, 0, att, babr, cch_con, bpm, t3212a, C_ci_cellA, C_PLMN_1, C_laccellA, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvID, BcchFreqLst_48, C_noRestablishment) | | | |
| 12 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 13 | | +SysInfoSending_MM_B(5, 1, 0, att, babr, cch_con, bpm, t3212b, C_ci_cellB, C_PLMN_2, C_laccellB, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvID, BcchFreqLst_48, C_noRestablishment) | | | |
| 14 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | StartCellAandB2PLMN(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212_1, t3212_2:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup a physical channel as combined BCCH, CCCH and SDCCH4 then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters of cell A and cell B. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +StartCellAandB(acttype, slot, tsc, ta, att, babr, cch_con, bpm, t3212_1, t3212_2) | | | |
| 2 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|-------------------|----|----------|
| Test Step Name: StartCellB(par_bspwr:INTEGER; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING; Re:BITSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To setup a physical channel as combined BCCH, CCCH and SDCCH4 then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters of cell B. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_B(par_bspwr, FreqBCCHb_rg, FreqBCCHb_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | L!DL_UdatRqSchinfo | SyncInfo(C_SCH_B) | | |
| 3 | | [TSPC_PGSM OR TSPC_EGSM] | | 1. | |
| 4 | | +SysInfoSending_MM_B(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellB, C_PLMN_1, C_lacellB, CellChDes_04, C_CellReselectHys0, C_MaxPwrLvIG, BcchFreqLst_01, Re) | | | |
| 5 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 6 | | [TSPC_DCS] | | 2. | |
| 7 | | +SysInfoSending_MM_B(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellB, C_PLMN_1, C_lacellB, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvID, BcchFreqLst_48, Re) | | | |
| 8 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: 1. For GSM900 mobile station testing. 2. For DCS1800 mobile station testing. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|------|---|----------|
| Test Step Name: StartCellB_1(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To set up a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell B, then start transmission of default system information's for cell B. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: The location area code is different from the cell A. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_B(53, FreqBCCHb_rg, FreqBCCHb_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_24(att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell B. | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | StartCellB_1re(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To set up a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell B, then start transmission of default system information's for cell B. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The location area code is different from the cell A. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_B(53, FreqBCCHb_rg, FreqBCCHb_rd, actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_24re(att, babr, cch_con, bpm, t3212) | | | |
| 3 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell B. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | StartCellB_2(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup a physical channel and start transmission of system information messages in cell B for RR testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The location area code is the same as the cell A. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_B(53, FreqBCCHb_rg, FreqBCCHb_rd, actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_r4(att, babr, cch_con, bpm, t3212) | | | 1. |
| 3 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | 1. To send SYSTEM INFORMATION messages with default parameter for cell B. | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | StartCellB_21(actype:BITSTRING; slot:SN; tsc:TSC; att:INTEGER; Ta:TA; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup a physical channel and start transmission of system information messages in cell B for RR testing with controllable timing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The location area code is the same as the cell A. The timing is controllable | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +CombinedBCCH_B(53, FreqBCCHb_rg, FreqBCCHb_rd, actype, slot, tsc, Ta, babr, cch_con, bpm) | | | |
| 2 | | +SysInfoSending_r4(att, babr, cch_con, bpm, t3212) | | | 1. |
| 3 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | 1. To send SYSTEM INFORMATION messages with default parameter for cell B. | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|--|---|----|----------|
| Test Step Name: StartCellB_3(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To set up a physical channel and map FCCH, SCH, BCCH, CCCH and SDCCH4 onto the physical channel which represents cell B, then start transmission of default system information's for cell B. | | | | | |
| Default: OtherEvents | | | | | |
| Comments: Cell B belongs to VPLMN(PLMN2). The Country Code is the same like in step StartCellA T3212 value is set to infinite. | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0B := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | +CombinedBCCH_B(53, FreqBCCHb_rg, FreqBCCHb_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 3 | | +sysinfo | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| | | sysinfo | | | |
| 5 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_B) | 1. | |
| 6 | | (TCV_sysinfo6_B := SysInf6(C_ci_cellB, C_PLMN_2, C_lacellB, CellOpt_01)) | | | |
| 7 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 8 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_01)) | | | |
| 10 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_2, C_lacellB, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_B_1, C_ci_cellB, C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellB, C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 13 | | [TSPC_DCS] | | | |
| 14 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 15 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_48)) | | | |
| 16 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_2, C_lacellB, C_CellReselectHys0, | | |

| | | | | |
|---------------------------|--|---|--|--|
| 17 | | LIDL_UdatRqSysinfo1_nh | C_MaxPwrLvlID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) SysInfo1_nh(C_BCC H_B_1, C_ci_cellB, C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| 18 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B _1, C_ci_cellB, C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| Detailed Comments: | | 1. To send SYNCHRONIZATION INFORMATION message with default parameter for cell B. | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | StartCellB_5(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup a physical channel and start transmission of default system information messages in cell B for RR testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The location area code is the same as the cell A. The Cell Allocation is different from default. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | +CombinedBCCH_B(53, FreqBCCHb_rg, FreqBCCHb_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 3 | | +sysinfo | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| | | sysinfo | | | |
| 5 | | L!DL_UdatRqSchinfo | SyncInfo(C_SCH_B) | | |
| 6 | | (TCV_sysinfo6_B := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 7 | | +gsmOrDcs | | | |
| | | gsmOrDcs | | | |
| 8 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 9 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 10 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_B_1, CellChDes_17man, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_01)) | | | |
| 13 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 14 | | [TSPC_DCS] | | | |
| 15 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 16 | | L!DL_UdatRqSysinfo1 | SysInfo1(C_BCCH_B_1, CellChDes_18man, TCV_Max, TCV_Tx, C_noRestablishment) | | |

| | | | |
|---------------------------|--|---|---|
| 17 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) |
| 18 | | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_48)) | |
| 19 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| Detailed Comments: | | SYSTEM INFORMATION messages with default parameter for cell B except the Cell Allocation: 10, 80, 100, 120 for GSM and 520 600, 700, 870 for DCS. used in TC_26_6_13_5, TC_26_6_13_6, TC_26_6_13_7, TC_26_6_13_8. | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|---|---|----------|
| Test Step Name: | | StartCellC(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup a physical channel as combined BCCH, CCCH and SDCCH4 then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters of cell C. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | IMSI attach/detach not allowed (ATT=0). Cell C belongs to PLMN1. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0C := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | +CombinedBCCH_C(53, FreqBCCHc, FreqBCCHc_d, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 3 | | +sysinfo | | | |
| 4 | | +SysInfo_SacchSending(TCV_sacch_C, TCV_sysinfo5_C, TCV_sysinfo6_C) | | | |
| | | sysinfo | | | |
| 5 | | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_C) | | 1. |
| 6 | | (TCV_sysinfo6_C := SysInf6(C_ci_cellC, C_PLMN_1, C_lacellC, CellOpt_01)) | | | |
| 7 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 8 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_C_1, BcchFreqLst_07, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 9 | | (TCV_sysinfo5_C := SysInf5(BcchFreqLst_07)) | | | |
| 10 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_C_1, C_PLMN_1, C_lacellC, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 11 | | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_C_1, C_ci_cellC, C_PLMN_1, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 12 | | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_C_1, C_ci_cellC, C_PLMN_1, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 13 | | [TSPC_DCS] | | | |
| 14 | | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_C_1, BcchFreqLst_15, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| 15 | | (TCV_sysinfo5_C := SysInf5(BcchFreqLst_15)) | | | |
| 16 | | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_C_1, C_PLMN_1, C_lacellC, C_CellReselectHys0, C_MaxPwrLvIG, | | |

| | | | |
|---------------------------|------------------------|---|--|
| 17 | LIDL_UdatRqSysinfo1_nh | TCV_Neci, TCV_Max, TCV_Tx, C_noReestablishment) SysInfo1_nh(C_BCC H_C_1, C_ci_cellC, C_PLMN_1, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noReestablishment) | |
| 18 | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_C _1, C_ci_cellC, C_PLMN_1, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noReestablishment) | |
| Detailed Comments: | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|--------------------|---|----------|
| Test Step Name: Start_2cellsPLMN2(activ_cell: CellID; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To start cell A and cell B with default parameters except power level of cell A and power level of cell B and to bring the MS in Idle updated state on given cell. | | | | | |
| A and B are from different location areas belonging to PLMN2. PLMN2 is different from HPLMN. IMSI attach detach is allowed in both cells. T3212 value is 1/10 in both cells. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [activ_cell = C_CellA] | | | |
| 2 | | +cellA(63) | | | |
| 3 | | +cellB(53) | | | |
| 4 | | [activ_cell = C_CellB] | | | |
| 5 | | +cellA(53) | | | |
| 6 | | +cellB(63) | | | |
| cellA(par_bspwr:INTEGER) | | | | | |
| 7 | | +CombinedBCCH_A(par_bspwr, FreqBCCHa_rg, FreqBCCHa_rd, acttype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 8 | | L!DL_UdatRqSchinfo | SynclInfo(C_SCH_A) | | |
| 9 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 10 | | +SysInfoSending_MM_A(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellA, C_PLMN_2, C_lacellA, CellChDes_02, C_CellReselectHys0, C_MaxPwrLvlG, BcchFreqLst_01, C_noRestablishment) | | | |
| 11 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 12 | | [TSPC_DCS] | | | |
| 13 | | +SysInfoSending_MM_A(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellA, C_PLMN_2, C_lacellA, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvlD, BcchFreqLst_48, C_noRestablishment) | | | |
| 14 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| cellB(par_bspwr:INTEGER) | | | | | |
| 15 | | +CombinedBCCH_B(par_bspwr, FreqBCCHb_rg, FreqBCCHb_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 16 | | L!DL_UdatRqSchinfo | SynclInfo(C_SCH_B) | | |
| 17 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 18 | | +SysInfoSending_MM_B(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellB, C_PLMN_2, C_lacellB, CellChDes_04, C_CellReselectHys0, C_MaxPwrLvlG, BcchFreqLst_01, C_noRestablishment) | | | |
| 19 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 20 | | [TSPC_DCS] | | | |
| 21 | | +SysInfoSending_MM_B(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellB, C_PLMN_2, C_lacellB, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvlD, BcchFreqLst_48, C_noRestablishment) | | | |
| 22 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | StartMultiCells_01(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup 8 or 7 physical channels representing different cells then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 in multiple cells for idle mode testing. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The parameters for SYSTEM INFORMATION messages are defined in section 26.3.1 of GSM 11.10 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +cell1 | | | |
| 2 | | +cell2 | | | |
| 3 | | +cell3 | | | |
| 4 | | +cell4 | | | |
| 5 | | +cell5 | | | |
| 6 | | +cell6 | | | |
| 7 | | +cell7 | | | |
| 8 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 9 | | +cell8 | | | |
| 10 | | +WaitForInService | | | |
| 11 | | [TSPC_DCS] | | | |
| 12 | | +WaitForInService | | | |
| | | cell1 | | | |
| 13 | | +CombinedBCCH_A(65, FreqBCCH1(1), FreqBCCH1(520), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 14 | | +SysInfoSending_1(att, babr, cch_con, bpm, t3212) | | | |
| 15 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| | | cell2 | | | |
| 16 | | +CombinedBCCH_B(63, FreqBCCH1(7), FreqBCCH1(580), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 17 | | +SysInfoSending_2(att, babr, cch_con, bpm, t3212) | | | |
| 18 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| | | cell3 | | | |
| 19 | | +CombinedBCCH_C(61, FreqBCCH1(39), FreqBCCH1(610), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 20 | | +SysInfoSending_3(att, babr, cch_con, bpm, t3212) | | | |
| 21 | | +SysInfo_SacchSending(TCV_sacch_C, TCV_sysinfo5_C, TCV_sysinfo6_C) | | | |
| | | cell4 | | | |
| 22 | | +CombinedBCCH_D(55, FreqBCCH1(65), FreqBCCH1(702), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 23 | | +SysInfoSending_4(att, babr, cch_con, bpm, t3212) | | | |
| 24 | | +SysInfo_SacchSending(TCV_sacch_D, TCV_sysinfo5_D, TCV_sysinfo6_D) | | | |
| | | cell5 | | | |
| 25 | | +CombinedBCCH_E(59, FreqBCCH1(66), FreqBCCH1(703), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 26 | | +SysInfoSending_5(att, babr, cch_con, bpm, t3212) | | | |
| 27 | | +SysInfo_SacchSending(TCV_sacch_E, TCV_sysinfo5_E, TCV_sysinfo6_E) | | | |
| | | cell6 | | | |
| 28 | | +CombinedBCCH_F(57, FreqBCCH1(85), FreqBCCH1(830), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 29 | | +SysInfoSending_6(att, babr, cch_con, bpm, t3212) | | | |

| | | | | |
|---------------------------|--|--|--|--|
| 30 | +SysInfo_SacchSending(TCV_sacch_F, TCV_sysinfo5_F, TCV_sysinfo6_F) | | | |
| | cell7 | | | |
| 31 | +CombinedBCCH_G_sp(55, FreqBCCH1(97), FreqBCCH1(985), FreqBCCH1(885), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 32 | +SysInfoSending_7(att, babr, cch_con, bpm, t3212) | | | |
| 33 | +SysInfo_SacchSending(TCV_sacch_G, TCV_sysinfo5_G, TCV_sysinfo6_G) | | | |
| | cell8 | | | |
| 34 | +CombinedBCCH_H(53, FreqBCCH1(124), FreqBCCH1(124), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 35 | +SysInfoSending_8(att, babr, cch_con, bpm, t3212) | | | |
| 36 | +SysInfo_SacchSending(TCV_sacch_H, TCV_sysinfo5_H, TCV_sysinfo6_H) | | | |
| Detailed Comments: | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | StartMultiCells_02(bcchfl_gsm, bcchfl_dcs:NCD; acttype:BITSTRING; slot:SN; tsc:TSC; ta, ta1:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 in multiple cells for measurement testing. Neighbour cells description for cell S1 is a formal parameter. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The parameters for SYSTEM INFORMATION messages are defined in section 26.6.3 of GSM 11.10 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +cellS1 | | | |
| 2 | | +cellN1 | | | |
| 3 | | +cellN2 | | | |
| 4 | | +cellN3 | | | |
| 5 | | +cellN4 | | | |
| 6 | | +cellN5 | | | |
| 7 | | +cellN6 | | | |
| 8 | | +cellN7 | | | |
| | | cellS1 | | | |
| 9 | | +CombinedBCCH_A(53, FreqBCCH1(2), FreqBCCH1(514), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 10 | | +SysInfoSending_10(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| 11 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 12 | | +WaitForInService | | | |
| | | cellN1 | | | |
| 13 | | +CombinedBCCH_B(28, FreqBCCH1(8), FreqBCCH1(530), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 14 | | +SysInfoSending_11(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| | | cellN2 | | | |
| 15 | | +CombinedBCCH_C(33, FreqBCCH1(14), FreqBCCH1(602), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 16 | | +SysInfoSending_12(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| | | cellN3 | | | |
| 17 | | +CombinedBCCH_D(38, FreqBCCH1(20), FreqBCCH1(665), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 18 | | +SysInfoSending_13('001'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |
| | | cellN4 | | | |
| 19 | | +CombinedBCCH_E(58, FreqBCCH1(26), FreqBCCH1(762), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 20 | | +SysInfoSending_14('001'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |
| | | cellN5 | | | |
| 21 | | +CombinedBCCH_F(63, FreqBCCH1(32), FreqBCCH1(686), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 22 | | +SysInfoSending_15('001'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |
| | | cellN6 | | | |
| 23 | | +CombinedBCCH_G(68, FreqBCCH1(38), FreqBCCH1(549), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 24 | | +SysInfoSending_16(bcchfl_gsm, bcchfl_dcs, att, | | | |

| | | | | | |
|---------------------------|--|---|--|--|--|
| | | babr, cch_con, bpm, t3212) | | | |
| 25 | | cellN7 +CombinedBCCH_H(73, FreqBCCH1(44), FreqBCCH1(810), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 26 | | +SysInfoSending_17(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | StartMultiCells_02e(bcchfl_gsm, bcchfl_dcs:NCD; actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 in multiple cells for measurement testing. Neighbour cells description for cell S1 is a formal parameter. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The parameters for SYSTEM INFORMATION messages are defined in section 26.10.2 of GSM 11.10 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +cellS1 | | | |
| 2 | | +cellN1 | | | |
| 3 | | +cellN2 | | | |
| 4 | | +cellN3 | | | |
| 5 | | +cellN4 | | | |
| 6 | | +cellN5 | | | |
| 7 | | +cellN6 | | | |
| 8 | | +cellN7 | | | |
| | | cellS1 | | | |
| 9 | | [TSPC_EGSM = TRUE] | | | |
| 10 | | +CombinedBCCH_A(53, FreqBCCH1(2), FreqBCCH1(2), actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 11 | | +SysInfoSending_10(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |
| 12 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| | | cellN1 | | | |
| 13 | | [TSPC_EGSM = TRUE] | | | |
| 14 | | +CombinedBCCH_B(28, FreqBCCH1(990), FreqBCCH1(990), actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 15 | | +SysInfoSending_11(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |
| | | cellN2 | | | |
| 16 | | [TSPC_EGSM = TRUE] | | | |
| 17 | | +CombinedBCCH_C(33, FreqBCCH1(1005), FreqBCCH1(1005), actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 18 | | +SysInfoSending_12(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |
| | | cellN3 | | | |
| 19 | | [TSPC_EGSM = TRUE] | | | |
| 20 | | +CombinedBCCH_D(38, FreqBCCH1(0), FreqBCCH1(0), actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 21 | | +SysInfoSending_13('001'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |
| | | cellN4 | | | |
| 22 | | [TSPC_EGSM = TRUE] | | | |
| 23 | | +CombinedBCCH_E(58, FreqBCCH1(26), FreqBCCH1(26), actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 24 | | +SysInfoSending_14('001'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |
| | | cellN5 | | | |
| 25 | | [TSPC_EGSM = TRUE] | | | |
| 26 | | +CombinedBCCH_F(63, FreqBCCH1(1020), FreqBCCH1(1020), actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 27 | | +SysInfoSending_15('001'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |

| | | | | |
|---------------------------|---|--|--|--|
| 28 | cellN6 | | | |
| 29 | [TSPC_EGSM = TRUE] | | | |
| 30 | +CombinedBCCH_G(68, FreqBCCH1(38), FreqBCCH1(38), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 31 | +SysInfoSending_16(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| 32 | cellN7 | | | |
| 33 | [TSPC_EGSM = TRUE] | | | |
| | +CombinedBCCH_H(73, FreqBCCH1(1003), FreqBCCH1(1003), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| | +SysInfoSending_17(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| Detailed Comments: | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | StartMultiCells_03(bcchfl_gsm, bcchfl_dcs :NCD; acttype:BITSTRING; slot:SN; tsc:TSC; ta, ta1:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 in multiple cells for measurement testing. NCCs of cells N3, N4 and N5 are not to be monitored. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The parameters for SYSTEM INFORMATION messages are defined in section 26.6.3 of GSM 11.10 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +cellS1 | | | |
| 2 | | +cellN1 | | | |
| 3 | | +cellN2 | | | |
| 4 | | +cellN3 | | | |
| 5 | | +cellN4 | | | |
| 6 | | +cellN5 | | | |
| 7 | | +cellN6 | | | |
| 8 | | +cellN7 | | | |
| | | cellS1 | | | |
| 9 | | +CombinedBCCH_A(53, FreqBCCH1(2), FreqBCCH1(514), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 10 | | +SysInfoSending_10(BcchFreqLst_22, BcchFreqLst_32, att, babr, cch_con, bpm, t3212) | | | |
| 11 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 12 | | +WaitForInService | | | |
| | | cellN1 | | | |
| 13 | | +CombinedBCCH_B(28, FreqBCCH1(8), FreqBCCH1(530), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 14 | | +SysInfoSending_11(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| | | cellN2 | | | |
| 15 | | +CombinedBCCH_C(33, FreqBCCH1(14), FreqBCCH1(602), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 16 | | +SysInfoSending_12(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| | | cellN3 | | | |
| 17 | | +CombinedBCCH_D(38, FreqBCCH1(20), FreqBCCH1(665), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 18 | | +SysInfoSending_13('010'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 2 |
| | | cellN4 | | | |
| 19 | | +CombinedBCCH_E(58, FreqBCCH1(26), FreqBCCH1(762), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 20 | | +SysInfoSending_14('011'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 3 |
| | | cellN5 | | | |
| 21 | | +CombinedBCCH_F(63, FreqBCCH1(32), FreqBCCH1(686), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 22 | | +SysInfoSending_15('100'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 4 |
| | | cellN6 | | | |
| 23 | | +CombinedBCCH_G(68, FreqBCCH1(38), FreqBCCH1(549), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 24 | | +SysInfoSending_16(bcchfl_gsm, bcchfl_dcs, att, | | | |

| | | | | | |
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| | | babr, cch_con, bpm, t3212) | | | |
| 25 | | cellN7 +CombinedBCCH_H(73, FreqBCCH1(44), FreqBCCH1(810), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 26 | | +SysInfoSending_17(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | StartMultiCells_04(bcchfl_gsm, bcchfl_dcs :NCD; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 in multiple cells for measurement testing. The DTX is set to "MS shall use discontinuous transmission. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The parameters for SYSTEM INFORMATION messages are defined in section 26.6.3 of GSM 11.10 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +cellN1 | | | |
| 2 | | +cells1 | | | |
| 3 | | +cellN2 | | | |
| 4 | | +cellN3 | | | |
| 5 | | +cellN4 | | | |
| 6 | | +cellN5 | | | |
| 7 | | +cellN6 | | | |
| 8 | | +cellN7 | | | |
| | | cells1 | | | |
| 9 | | +CombinedBCCH_A(53, FreqBCCH1(2), FreqBCCH1(514), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 10 | | +SysInfoSending_18(att, babr, cch_con, bpm, t3212) | | | |
| 11 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| | | cellN1 | | | |
| 12 | | +CombinedBCCH_B(28, FreqBCCH1(8), FreqBCCH1(530), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 13 | | +SysInfoSending_11(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| | | cellN2 | | | |
| 14 | | +CombinedBCCH_C(33, FreqBCCH1(14), FreqBCCH1(602), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 15 | | +SysInfoSending_12(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| | | cellN3 | | | |
| 16 | | +CombinedBCCH_D(38, FreqBCCH1(20), FreqBCCH1(665), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 17 | | +SysInfoSending_13('001'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |
| | | cellN4 | | | |
| 18 | | +CombinedBCCH_E(58, FreqBCCH1(36), FreqBCCH1(762), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 19 | | +SysInfoSending_14('001'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |
| | | cellN5 | | | |
| 20 | | +CombinedBCCH_F(63, FreqBCCH1(32), FreqBCCH1(686), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 21 | | +SysInfoSending_15('001'B, bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | ncc = 1 |
| | | cellN6 | | | |
| 22 | | +CombinedBCCH_G(68, FreqBCCH1(38), FreqBCCH1(549), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 23 | | +SysInfoSending_16(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |

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| 24 | cellIN7 +CombinedBCCH_H(73, FreqBCCH1(44), FreqBCCH1(810), acttype, slot, tsc, ta, babr, cch_con, bpm) | | |
| 25 | +SysInfoSending_17(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | |
| 26 | +WaitForInService | | |
| Detailed Comments: | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | StartTwoCells(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To start cell A and cell B with default parameters except power level of cell A = 28 DBuv and power level of cell B = 33 DBuv MNC of cell B = '02'O. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212), TCV_Ccd0B := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | +cellA | | | |
| 3 | | +cellB | | | |
| 4 | | +WaitForInService | | | |
| cellA | | | | | |
| 5 | | +CombinedBCCH_A(28, FreqBCCHa_rg, FreqBCCHa_rd, actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 6 | | +sysinfoA | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| cellB | | | | | |
| 8 | | +CombinedBCCH_B(33, FreqBCCHb_rg, FreqBCCHb_rd, actype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 9 | | +sysinfoB | | | |
| 10 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| sysinfoA | | | | | |
| 11 | | L!DL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | |
| 12 | | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_1, C_lacellA, CellOpt_01)) | | | |
| 13 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 14 | | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BchFreqLst_45, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 15 | | (TCV_sysinfo5 := SysInf5(BcchFreqLst_45)) | | | |
| 16 | | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 17 | | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_H_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | | |
| 18 | | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, | | |

| | | |
|----|--|---|
| 19 | [TSPC_DCS] | C_Restablishment) |
| 20 | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_A_1, BcchFreqLst_03, TCV_Max, TCV_Tx, C_Restablishment) |
| 21 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_03)) | |
| 22 | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_A_1, C_PLMN_1, C_lacellA, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) |
| 23 | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_H_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) |
| 24 | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_A_1, C_ci_cellA, C_PLMN_1, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) |
| 25 | sysinfoB | |
| 26 | L!DL_UdatRqSchinfo | SyncInfo(C_SCH_B) |
| 27 | (TCV_sysinfo6_B := SysInf6(C_ci_cellB, C_PLMN_2, C_lacellB, CellOpt_01)) | |
| 28 | [TSPC_PGSM OR TSPC_EGSM] | |
| 29 | L!DL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B_1, BcchFreqLst_45, TCV_Max, TCV_Tx, C_Restablishment) |
| 30 | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_45)) | |
| 31 | L!DL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B_1, C_PLMN_2, C_lacellB, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) |
| 32 | L!DL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCH_H_B_1, C_ci_cellB, C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) |
| 33 | L!DL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B_1, C_ci_cellB, C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, |

| | | | | |
|---------------------------|--|--|---|--|
| | | | C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | |
| 33 | [TSPC_DCS] | | | |
| 34 | LIDL_UdatRqSysinfo2 | | SysInfo2(C_BCCH_B _1, BcchFreqLst_03, TCV_Max, TCV_Tx, C_Restablishment) | |
| 35 | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_03)) | | | |
| 36 | LIDL_UdatRqSysinfo4 | | SysInfo4(C_BCCH_B _1, C_PLMN_2, C_lacellB, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | |
| 37 | LIDL_UdatRqSysinfo1_nh | | SysInfo1_nh(C_BCC H_B_1, C_ci_cellB, C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | |
| 38 | LIDL_UdatRqSysinfo3 | | SysInfo3(C_BCCH_B _1, C_ci_cellB, C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_Restablishment) | |
| Detailed Comments: | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|---|---|----------|
| Test Step Name: | | StartTwoCells_01(bcchfl_gsm, bcchfl_dcs:NCD; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To broadcast SYSTEM INFORMATION messages 1, 2, 3, 4, 5 and 6 in two cells for measurement testing. Neighbour cells description for cell S1 is a formal parameter. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | The parameters for SYSTEM INFORMATION messages are defined in section 26.6.3 of GSM 11.10 | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +cellS1 | | | |
| 2 | | +cellN1 | | | |
| 3 | | cellS1 +CombinedBCCH_A(53, FreqBCCH1(2), FreqBCCH1(715), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 4 | | +SysInfoSending_10(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| 5 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 6 | | L!DL_UdatRqSysinfo5bis (TCV_sysinfo5bis := SysInf5bis_01(BcchFreqLst_38)) | SysInfo5bis_01(TCV_sacch, BcchFreqLst_38) | | |
| 7 | | +WaitForInService | | | |
| 8 | | cellN1 +CombinedBCCH_B(28, FreqBCCH1(8), FreqBCCH1(815), acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 9 | | +SysInfoSending_11(bcchfl_gsm, bcchfl_dcs, att, babr, cch_con, bpm, t3212) | | | |
| Detailed Comments: | | used in TC_26_6_3_5 | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|------|---|----------|
| Test Step Name: | | IdleState_cellA(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING; Re:BITSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup a physical channel as combined BCCH, CCCH and SDCCH4 then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters of cell A. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | Default parameter. IMSI attach detach is not allowed. Cell A is belonging to PLMN1. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +StartCellA(63, acttype, slot, tsc, ta, att, babr, cch_con, bpm, t3212, Re) | | | |
| 2 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|--|--------------------------------------|-----|----------|
| Test Step Name: | | IdleState_cellB3(actype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To setup a physical channel as combined BCCH, CCCH and SDCCH4 then broadcast SYSTEM INFORMATION messages 2, 3, 4, 5 and 6 with default parameters of cell B. | | | |
| Default: | | OtherEvents | | | |
| Comments: | | LAI deleted, HPLN search period = 6min, using of SIM card 2. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | +IdleState_cellA(actype, slot, tsc, ta, att, babr, cch_con, bpm, t3212, C_noRestablishment) | | | |
| 2 | | +LowRfLev_Cellnotavail(C_CellA) | | | |
| 3 | | (TCV_Null := OO_SIM2Ins()) | | | 1) |
| 4 | | +Varinit_fixB | | | |
| 5 | | +CombinedBCCH_B(53, FreqBCCHb_rg, FreqBCCHb_rd, actype,slot,tsc, ta, babr, cch_con, bpm) | | | |
| 6 | | +SysInfoSending_24(att, babr, cch_con, bpm, t3212) | | | |
| 7 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 8 | | +MM_LupInit2(C_imsi_attach, ta) | | | |
| 9 | | LIDL_DatRqLupRej | LocRej_01(C_rc_LAnotallowed, TCV_ch) | (P) | 1) |
| 10 | | +ChanRel(TCV_ch) | | | |
| Detailed Comments: | | 1) SIM card 2 with the parameters IMSI= short IMSI and HPLN search period = 6min is required. 2) LAI shall be deleted. | | | |

| Test Step Dynamic Behaviour | | | | | |
|--|-------|---|-------------------|---|----------|
| Test Step Name: IdleState_2cellMM(activ_cell: CellID; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | | | |
| Group: GSM_L3_MS_v4170/Preambles/ | | | | | |
| Objective: To start cell A and cell B with default parameters except power level of cell A and power level of cell B and to bring the MS in Idle updated state on given cell. | | | | | |
| A and B are from different location areas belonging to PLMN2. PLMN2 is different from HPLMN. IMSI attach detach is allowed in both cells. | | | | | |
| T3212 value is 1/10 in both cells. | | | | | |
| Default: OtherEvents | | | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [activ_cell = C_CellA] | | | |
| 2 | | +cellA(63) | | | |
| 3 | | +cellB(53) | | | |
| 4 | | +WaitForInService | | | |
| 5 | | [activ_cell = C_CellB] | | | |
| 6 | | +cellA(53) | | | |
| 7 | | +cellB(63) | | | |
| 8 | | +WaitForInService | | | |
| cellA(par_bspwr:INTEGER) | | | | | |
| 9 | | +CombinedBCCH_A(par_bspwr, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc,ta, babr, cch_con, bpm) | | | |
| 10 | | L!DL_UdatRqSchinfo | SyncInfo(C_SCH_A) | | |
| 11 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 12 | | +SysInfoSending_MM_A(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellA, C_PLMN_2, C_lacellA, CellChDes_04, C_CellReselectHys0, C_MaxPwrLvIG, BcchFreqLst_01, C_noRestablishment) | | | |
| 13 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 14 | | [TSPC_DCS] | | | |
| 15 | | +SysInfoSending_MM_A(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellA, C_PLMN_2, C_lacellA, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvID, BcchFreqLst_48, C_noRestablishment) | | | |
| 16 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| cellB(par_bspwr:INTEGER) | | | | | |
| 17 | | +CombinedBCCH_B(par_bspwr, FreqBCCHb_rg, FreqBCCHb_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 18 | | L!DL_UdatRqSchinfo | SyncInfo(C_SCH_B) | | |
| 19 | | [TSPC_PGSM OR TSPC_EGSM] | | | |
| 20 | | +SysInfoSending_MM_B(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellB, C_PLMN_2, C_lacellB, CellChDes_04, C_CellReselectHys0, C_MaxPwrLvIG, BcchFreqLst_01, C_noRestablishment) | | | |
| 21 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 22 | | [TSPC_DCS] | | | |
| 23 | | +SysInfoSending_MM_B(5, 1, 0, att, babr, cch_con, bpm, t3212, C_ci_cellB, C_PLMN_2, C_lacellB, CellChDes_03, C_CellReselectHys0, C_MaxPwrLvID, BcchFreqLst_48, C_noRestablishment) | | | |
| 24 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| Detailed Comments: | | | | | |

| Test Step Dynamic Behaviour | | | | | |
|-----------------------------|-------|---|------|---|----------|
| Test Step Name: | | IdleState_2cellMM2(activ_cell: CellID; acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING) | | | |
| Group: | | GSM_L3_MS_v4170/Preambles/ | | | |
| Objective: | | To start cell A and cell B with default parameters except power level of cell A and power level of cell B and to bring the MS in Idle updated state on given cell. A and B are from different location areas belonging to PLMN1(HPLMN). IMSI attach detach is NOT allowed in both cells. T3212 value is set to infinite. | | | |
| Default: | | OtherEvents | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | [activ_cell = C_CellA] | | | |
| 2 | | +StartCellA(63, acttype, slot, tsc, ta, att, babr, cch_con, bpm, t3212, C_noRestablishment) | | | |
| 3 | | +StartCellB(53, acttype, slot, tsc, ta, att, babr, cch_con, bpm, t3212, C_noRestablishment) | | | |
| 4 | | +WaitForInService | | | |
| 5 | | [activ_cell = C_CellB] | | | |
| 6 | | +StartCellB(63, acttype, slot, tsc, ta, att, babr, cch_con, bpm, t3212, C_noRestablishment) | | | |
| 7 | | +StartCellA(53, acttype, slot, tsc, ta, att, babr, cch_con, bpm, t3212, C_noRestablishment) | | | |
| 8 | | +WaitForInService | | | |
| Detailed Comments: | | | | | |

Test Step Dynamic Behaviour

Test Step Name: IdleState_3cellIMMA(acttype:BITSTRING; slot:SN; tsc:TSC; ta:TA; att:INTEGER; babr, cch_con, bpm:B_3; t3212:OCTETSTRING)

Group: GSM_L3_MS_v4170/Preambles/

Objective: To start the cells A, B and C with default parameters except power level of cell A = -40 dB = 73 dBuVemf, power level of cell B = -50 dB = 63 dBuVemf and power level of cell C = -60 dB = 53 dBuVemf and to bring the MS in Idle updated state on cell A.

Signal level (dBuVemf) = P (dBm) + 113

A, B and C are from same PLMN which differs from HPLMN with 3 different location area codes.

IMSI attach detach is allowed in both cells.

T3212 value is 1/10 in both cells.

Default: OtherEvents

| Nr | Label | Behaviour Description | CRef | V | Comments |
|----|-------|--|---|-----|--------------------------|
| 1 | | (TCV_Tx := '0010'B, TCV_Max := '00'B, TCV_Neci := '0'B, TCV_Ccd0A := CntrlChDscrp(att, babr, cch_con, bpm, t3212), TCV_Ccd0B := CntrlChDscrp(att, babr, cch_con, bpm, t3212), TCV_Ccd0C := CntrlChDscrp(att, babr, cch_con, bpm, t3212)) | | | |
| 2 | | +cellA | | | |
| 3 | | (TCV_Res := OO_SwitchOff()) | | | |
| 4 | | +Varinit_fixA | | | |
| 5 | | (TCV_Res:=OO_SwitchOn()) | | | |
| 6 | | L?DL_RacInChRq (TCV_Rr := DL_RacInChRq.msg.ecau_rrf, TCV_Fn := DL_RacInChRq.fn) | ChReq_02 | | Any channel request PDU |
| 7 | | ACTIVATE(OtherEvents_02) | | | To match ChReq retrans. |
| 8 | | L!DL_UdatRqImmss | ImmAss_01(TCV_agch, TCV_Rr, TCV_Fn, slot, tsc, ta, TCV_chdescr_arfcn) | | |
| 9 | | L?DL_EstInLupRq | LocUp_01(TCV_ch, C_norm_period_attach) | | Any location update type |
| 10 | | ACTIVATE(OtherEvents) | | | Restore Normal default |
| 11 | | +CCAuthenticate(TCV_ch) | | | |
| 12 | | L!DL_DatRqLupAcp | LocAcp_30(MiTmsi_01ei, TCV_ch, TCV_lac) | | |
| 13 | | L?DL_DatInTmsireCom | TmsiReallocCmp_02(TCV_ch) | (P) | |
| 14 | | +PostMainLinkRel(TCV_ch) | | | Release Channel |
| 15 | | +WaitForInService | | | |
| 16 | | +cellB | | | |
| 17 | | +cellC | | | |
| 18 | | cellA +CombinedBCCH_A(73, FreqBCCHa_rg, FreqBCCHa_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 19 | | +sysinfoA | | | |
| 20 | | +SysInfo_SacchSending(TCV_sacch, TCV_sysinfo5, TCV_sysinfo6) | | | |
| 21 | | cellB +CombinedBCCH_B(63, FreqBCCHb_rg, FreqBCCHb_rd, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |
| 22 | | +sysinfoB | | | |
| 23 | | +SysInfo_SacchSending(TCV_sacch_B, TCV_sysinfo5_B, TCV_sysinfo6_B) | | | |
| 24 | | cellC +CombinedBCCH_C(53, FreqBCCHc, FreqBCCHc_d, acttype, slot, tsc, ta, babr, cch_con, bpm) | | | |

| | | | |
|----|---|--|---|
| 25 | +sysinfoC | | |
| 26 | +SysInfo_SacchSending(TCV_sacch_C, TCV_sysinfo5_C, TCV_sysinfo6_C) | | |
| | sysinfoA | | |
| 27 | LIDL_UdatRqSchinfo | | SyncInfo(C_SCH_A) |
| 28 | (TCV_sysinfo6 := SysInf6(C_ci_cellA, C_PLMN_2, C_lacellA, CellOpt_01)) | | |
| 29 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 30 | LIDL_UdatRqSysinfo2 | | SysInfo2(C_BCCH_A _1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) |
| 31 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_01)) | | |
| 32 | LIDL_UdatRqSysinfo4 | | SysInfo4(C_BCCH_A _1, C_PLMN_2, C_lacellA, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| 33 | LIDL_UdatRqSysinfo1_nh | | SysInfo1_nh(C_BCC H_A_1, C_ci_cellA, C_PLMN_2, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| 34 | LIDL_UdatRqSysinfo3 | | SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_2, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| 35 | [TSPC_DCS] | | |
| 36 | LIDL_UdatRqSysinfo2 | | SysInfo2(C_BCCH_A _1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) |
| 37 | (TCV_sysinfo5 := SysInf5(BcchFreqLst_48)) | | |
| 38 | LIDL_UdatRqSysinfo4 | | SysInfo4(C_BCCH_A _1, C_PLMN_2, C_lacellA, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| 39 | LIDL_UdatRqSysinfo1_nh | | SysInfo1_nh(C_BCC H_A_1, C_ci_cellA, C_PLMN_2, C_lacellA, TCV_Ccd0A, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| 40 | LIDL_UdatRqSysinfo3 | | SysInfo3(C_BCCH_A _1, C_ci_cellA, C_PLMN_2, C_lacellA, TCV_Ccd0A, CellOpt_01, |

| | | |
|----|---|---|
| | | C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| 41 | sysinfoB | |
| | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_B) |
| 42 | (TCV_sysinfo6_B := SysInf6(C_ci_cellB, C_PLMN_2, C_lacellB, CellOpt_01)) | |
| 43 | [TSPC_PGSM OR TSPC_EGSM] | |
| 44 | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B _1, BcchFreqLst_01, TCV_Max, TCV_Tx, C_noRestablishment) |
| 45 | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_01)) | |
| 46 | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B _1, C_PLMN_2, C_lacellB, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| 47 | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCC H_B_1, C_ci_cellB, C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| 48 | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B _1, C_ci_cellB, C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| 49 | [TSPC_DCS] | |
| 50 | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_B _1, BcchFreqLst_48, TCV_Max, TCV_Tx, C_noRestablishment) |
| 51 | (TCV_sysinfo5_B := SysInf5(BcchFreqLst_48)) | |
| 52 | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_B _1, C_PLMN_2, C_lacellB, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| 53 | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCC H_B_1, C_ci_cellB, C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvlD, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) |
| 54 | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_B _1, C_ci_cellB, |

| | | | |
|----|---|---|----|
| | | C_PLMN_2, C_lacellB, TCV_Ccd0B, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| | sysinfoC | | |
| 55 | LIDL_UdatRqSchinfo | SyncInfo(C_SCH_C) | 1. |
| 56 | (TCV_sysinfo6_C := SysInf6(C_ci_cellC, C_PLMN_2, C_lacellC, CellOpt_01)) | | |
| 57 | [TSPC_PGSM OR TSPC_EGSM] | | |
| 58 | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_C _1, BchFreqLst_07, TCV_Max, TCV_Tx, C_noRestablishment) | |
| 59 | (TCV_sysinfo5_C := SysInf5(BchFreqLst_07)) | | |
| 60 | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_C _1, C_PLMN_2, C_lacellC, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| 61 | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCC H_C_1, C_ci_cellC, C_PLMN_2, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| 62 | LIDL_UdatRqSysinfo3 | SysInfo3(C_BCCH_C _1, C_ci_cellC, C_PLMN_2, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvIG, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| 63 | [TSPC_DCS] | | |
| 64 | LIDL_UdatRqSysinfo2 | SysInfo2(C_BCCH_C _1, BchFreqLst_15, TCV_Max, TCV_Tx, C_noRestablishment) | |
| 65 | (TCV_sysinfo5_C := SysInf5(BchFreqLst_15)) | | |
| 66 | LIDL_UdatRqSysinfo4 | SysInfo4(C_BCCH_C _1, C_PLMN_2, C_lacellC, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | |
| 67 | LIDL_UdatRqSysinfo1_nh | SysInfo1_nh(C_BCC H_C_1, C_ci_cellC, C_PLMN_2, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, | |

| | | | | | |
|---------------------------|--|---------------------|--|--|--|
| 68 | | LIDL_UdatRqSysinfo3 | TCV_Tx, C_noRestablishment) SysInfo3(C_BCCH_C _1, C_ci_cellC, C_PLMN_2, C_lacellC, TCV_Ccd0C, CellOpt_01, C_CellReselectHys0, C_MaxPwrLvID, TCV_Neci, TCV_Max, TCV_Tx, C_noRestablishment) | | |
| Detailed Comments: | | | | | |

Defaults Library

| Default Dynamic Behaviour | | | | | |
|---------------------------|-------|---|------------------------------------|---|----------|
| Default Name: | | OtherEvents | | | |
| Group: | | GSM_L3_MS_v4170/ | | | |
| Objective: | | To match unexpected events and sign final verdict for preambles. | | | |
| Comments: | | used in preambles. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_Relln | DLRelInd_02 | | 4. |
| 2 | | RETURN | | | |
| 3 | | ?TIMEOUT T_guard | | | 1. |
| 4 | | +ltree_SDCCH1_release | | | |
| 5 | | +ltree_SDCCH2_release | | | |
| 6 | | +ltree_TCH1_release | | | |
| 7 | | +ltree_TCH2_release | | | |
| 8 | | (TCV_Null := OO_TguardTimeOut()) | | | |
| 9 | | CANCEL | | I | 3. |
| 10 | | L?OTHERWISE | | | 2. |
| 11 | | +ltree_SDCCH1_release | | | |
| 12 | | +ltree_SDCCH2_release | | | |
| 13 | | +ltree_TCH1_release | | | |
| 14 | | +ltree_TCH2_release | | | |
| 15 | | L?DL_Relln | DLRelInd_01 | | |
| 16 | | CANCEL | | I | 3. |
| 17 | | ?TIMEOUT T_guard | | | 1. |
| 18 | | CANCEL | | I | 3. |
| | | ltree_SDCCH1_release | | | |
| 19 | | [TCV_ch <> "dummy"] | | | |
| 20 | | L!DL_DatRqChRel | ChRel(TCV_ch, ChRelease_01) | | |
| 21 | | [TCV_ch = "dummy"] | | | |
| | | ltree_SDCCH2_release | | | |
| 22 | | [TCV_ch1 <> "dummy"] | | | |
| 23 | | L!DL_DatRqChRel | ChRel(TCV_ch1, ChRelease_01) | | |
| 24 | | [TCV_ch1 = "dummy"] | | | |
| | | ltree_TCH1_release | | | |
| 25 | | [TCV_chTch <> "dummy"] | | | |
| 26 | | L!DL_DatRqChRel | ChRel(TCV_chTch, ChRelease_01) | | |
| 27 | | [TCV_chTch = "dummy"] | | | |
| | | ltree_TCH2_release | | | |
| 28 | | [TCV_chTch1 <> "dummy"] | | | |
| 29 | | L!DL_DatRqChRel | ChRel(TCV_chTch1, ChRelease_01) | | |
| 30 | | [TCV_chTch1 = "dummy"] | | | |
| Detailed Comments: | | 1. The guard timer times out, inconclusive. 2. Unexpected events, inconclusive. 3. Cancel of all running timers. 4. Local end termination request allowed. | | | |

| Default Dynamic Behaviour | | | | | |
|---------------------------|-------|--|------------------------------------|---|----------|
| Default Name: | | OtherEventsFail | | | |
| Group: | | GSM_L3_MS_v4170/ | | | |
| Objective: | | To match unexpected events and fail the test case. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_RelIn | DLRelInd_02 | | |
| 2 | | RETURN | | | |
| 3 | | ?TIMEOUT T_guard | | | 1. |
| 4 | | +ltree_SDCCH1_release | | | |
| 5 | | +ltree_SDCCH2_release | | | |
| 6 | | +ltree_TCH1_release | | | |
| 7 | | +ltree_TCH2_release | | | |
| 8 | | (TCV_Null := OO_TguardTimeOut()) | | | |
| 9 | | CANCEL | | I | 3. |
| 10 | | L?OTHERWISE | | | 2. |
| 11 | | +ltree_SDCCH1_release | | | |
| 12 | | +ltree_SDCCH2_release | | | |
| 13 | | +ltree_TCH1_release | | | |
| 14 | | +ltree_TCH2_release | | | |
| 15 | | L?DL_RelIn | DLRelInd_01 | | |
| 16 | | CANCEL | | F | 3. |
| 17 | | ?TIMEOUT T_guard | | | |
| 18 | | CANCEL | | F | 3. |
| | | ltree_SDCCH1_release | | | |
| 19 | | [TCV_ch <> "dummy"] | | | |
| 20 | | L!DL_DatRqChRel | ChRel(TCV_ch, ChRelease_01) | | |
| 21 | | [TCV_ch = "dummy"] | | | |
| | | ltree_SDCCH2_release | | | |
| 22 | | [TCV_ch1 <> "dummy"] | | | |
| 23 | | L!DL_DatRqChRel | ChRel(TCV_ch1, ChRelease_01) | | |
| 24 | | [TCV_ch1 = "dummy"] | | | |
| | | ltree_TCH1_release | | | |
| 25 | | [TCV_chTch <> "dummy"] | | | |
| 26 | | L!DL_DatRqChRel | ChRel(TCV_chTch, ChRelease_01) | | |
| 27 | | [TCV_chTch = "dummy"] | | | |
| | | ltree_TCH2_release | | | |
| 28 | | [TCV_chTch1 <> "dummy"] | | | |
| 29 | | L!DL_DatRqChRel | ChRel(TCV_chTch1, ChRelease_01) | | |
| 30 | | [TCV_chTch1 = "dummy"] | | | |
| Detailed Comments: | | 1. The guard timer times out, inconclusive. 2. Unexpected events, fail. 3. Cancel of all running timers. | | | |

| Default Dynamic Behaviour | | | | | |
|--|-------|--|---------------------------------|---|----------|
| Default Name: | | OtherEventsFail_01 | | | |
| Group: | | GSM_L3_MS_v4170/ | | | |
| Objective: | | To match irrelevant CHANNEL REQUEST msg and MEASUREMENT REPORT msg and return or match other unexpected events and fail the test case. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_Relln | DLRelInd_01 | | 6. |
| 2 | | RETURN | | | |
| 3 | | ?TIMEOUT T_guard | | | 1. |
| 4 | | +ltree_SDCCH1_release | | | |
| 5 | | +ltree_SDCCH2_release | | | |
| 6 | | +ltree_TCH1_release | | | |
| 7 | | +ltree_TCH2_release | | | |
| 8 | | (TCV_Null := OO_TguardTimeOut()) | | | |
| 9 | | CANCEL | | I | 5. |
| 10 | | L?DL_RacInChRq | ChReq(ChRequest_02) | | 2. |
| 11 | | RETURN | | | |
| 12 | | L?DL_UdatInMsrRpt | MsrRept_02 | | 3. |
| 13 | | RETURN | | | |
| 14 | | L?OTHERWISE | | | 4. |
| 15 | | +ltree_SDCCH1_release | | | |
| 16 | | +ltree_SDCCH2_release | | | |
| 17 | | +ltree_TCH1_release | | | |
| 18 | | +ltree_TCH2_release | | | |
| 19 | | L?DL_Relln | DLRelInd_01 | | |
| 20 | | CANCEL | | F | 5. |
| 21 | | ?TIMEOUT T_guard | | | |
| 22 | | CANCEL | | F | 5. |
| ltree_SDCCH1_release | | | | | |
| 23 | | [TCV_ch <> "dummy"] | | | |
| 24 | | L!DL_DatRqChRel | ChRel(TCV_ch, ChRelease_01) | | |
| 25 | | [TCV_ch = "dummy"] | | | |
| ltree_SDCCH2_release | | | | | |
| 26 | | [TCV_ch1 <> "dummy"] | | | |
| 27 | | L!DL_DatRqChRel | ChRel(TCV_ch1, ChRelease_01) | | |
| 28 | | [TCV_ch1 = "dummy"] | | | |
| ltree_TCH1_release | | | | | |
| 29 | | [TCV_chTch <> "dummy"] | | | |
| 30 | | L!DL_DatRqChRel | ChRel(TCV_chTch, ChRelease_01) | | |
| 31 | | [TCV_chTch = "dummy"] | | | |
| ltree_TCH2_release | | | | | |
| 32 | | [TCV_chTch1 <> "dummy"] | | | |
| 33 | | L!DL_DatRqChRel | ChRel(TCV_chTch1, ChRelease_01) | | |
| 34 | | [TCV_chTch1 = "dummy"] | | | |
| Detailed Comments: | | | | | |
| 1. The guard timer times out, inconclusive. | | | | | |
| 2. To throw away any irrelevant channel request. | | | | | |
| 3. To throw away any measurement report. | | | | | |
| 4. Other unexpected events, fail. | | | | | |
| 5. Cancel of all running timers. | | | | | |
| 6. Cover also DLRelInd_02 for local end termination. | | | | | |

| Default Dynamic Behaviour | | | | | |
|---------------------------|-------|--|---------------------------------|---|----------|
| Default Name: | | OtherEventsFail_02 | | | |
| Group: | | GSM_L3_MS_v4170/ | | | |
| Objective: | | To match unexpected events and fail the test case but ignore channel request messages that are sent before the lower tester has sent (and the MS received) the Immediate Assignment message. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_Relln | DLRelInd_02 | | |
| 2 | | RETURN | | | |
| 3 | | L?DL_RacInChRq | ChReq(ChRequest_02) | | 1. |
| 4 | | RETURN | | | |
| 5 | | ?TIMEOUT T_guard | | | 2. |
| 6 | | +ltree_SDCCH1_release | | | |
| 7 | | +ltree_SDCCH2_release | | | |
| 8 | | +ltree_TCH1_release | | | |
| 9 | | +ltree_TCH2_release | | | |
| 10 | | (TCV_Null := OO_TguardTimeOut()) | | | |
| 11 | | CANCEL | | I | 4. |
| 12 | | L?OTHERWISE | | | 3. |
| 13 | | +ltree_SDCCH1_release | | | |
| 14 | | +ltree_SDCCH2_release | | | |
| 15 | | +ltree_TCH1_release | | | |
| 16 | | +ltree_TCH2_release | | | |
| 17 | | L?DL_Relln | DLRelInd_01 | | |
| 18 | | CANCEL | | F | 4. |
| 19 | | ?TIMEOUT T_guard | | | |
| 20 | | CANCEL | | F | 4. |
| | | ltree_SDCCH1_release | | | |
| 21 | | [TCV_ch <> "dummy"] | | | |
| 22 | | L!DL_DatRqChRel | ChRel(TCV_ch, ChRelease_01) | | |
| 23 | | [TCV_ch = "dummy"] | | | |
| | | ltree_SDCCH2_release | | | |
| 24 | | [TCV_ch1 <> "dummy"] | | | |
| 25 | | L!DL_DatRqChRel | ChRel(TCV_ch1, ChRelease_01) | | |
| 26 | | [TCV_ch1 = "dummy"] | | | |
| | | ltree_TCH1_release | | | |
| 27 | | [TCV_chTch <> "dummy"] | | | |
| 28 | | L!DL_DatRqChRel | ChRel(TCV_chTch, ChRelease_01) | | |
| 29 | | [TCV_chTch = "dummy"] | | | |
| | | ltree_TCH2_release | | | |
| 30 | | [TCV_chTch1 <> "dummy"] | | | |
| 31 | | L!DL_DatRqChRel | ChRel(TCV_chTch1, ChRelease_01) | | |
| 32 | | [TCV_chTch1 = "dummy"] | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To throw away any irrelevant channel request. 2. The guard timer times out, inconclusive. 3. Unexpected events, fail. 4. Cancel of all running timers. | | | |

| Default Dynamic Behaviour | | | | | |
|---------------------------|-------|--|------|---|----------|
| Default Name: | | OtherEvents_01 | | | |
| Group: | | GSM_L3_MS_v4170/ | | | |
| Objective: | | To match irrelevant messages and return | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?OTHERWISE | | | 1. |
| 2 | | RETURN | | | |
| Detailed Comments: | | 1. Cover also DLRelInd_02 for local end termination. | | | |

| Default Dynamic Behaviour | | | | | |
|---------------------------|-------|--|------------------------------------|---|----------|
| Default Name: | | OtherEvents_02 | | | |
| Group: | | GSM_L3_MS_v4170/ | | | |
| Objective: | | To match unexpected events and sign final verdict for preambles but ignore channel request messages that are sent before the lower tester has sent (and the MS received) the Immediate Assignment message. | | | |
| Comments: | | used in preambles. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_Relln | DLRelInd_02 | | |
| 2 | | RETURN | | | |
| 3 | | L?DL_RacInChRq | ChReq(ChRequest_0 2) | | 1. |
| 4 | | RETURN | | | |
| 5 | | ?TIMEOUT T_guard | | | 2. |
| 6 | | +ltree_SDCCH1_release | | | |
| 7 | | +ltree_SDCCH2_release | | | |
| 8 | | +ltree_TCH1_release | | | |
| 9 | | +ltree_TCH2_release | | | |
| 10 | | (TCV_Null := OO_TguardTimeOut()) | | | |
| 11 | | CANCEL | | I | 4. |
| 12 | | L?OTHERWISE | | | 3. |
| 13 | | +ltree_SDCCH1_release | | | |
| 14 | | +ltree_SDCCH2_release | | | |
| 15 | | +ltree_TCH1_release | | | |
| 16 | | +ltree_TCH2_release | | | |
| 17 | | L?DL_Relln | DLRelInd_01 | | |
| 18 | | CANCEL | | I | 4. |
| 19 | | ?TIMEOUT T_guard | | | 2. |
| 20 | | CANCEL | | I | 4. |
| | | ltree_SDCCH1_release | | | |
| 21 | | [TCV_ch <> "dummy"] | | | |
| 22 | | L!DL_DatRqChRel | ChRel(TCV_ch, ChRelease_01) | | |
| 23 | | [TCV_ch = "dummy"] | | | |
| | | ltree_SDCCH2_release | | | |
| 24 | | [TCV_ch1 <> "dummy"] | | | |
| 25 | | L!DL_DatRqChRel | ChRel(TCV_ch1, ChRelease_01) | | |
| 26 | | [TCV_ch1 = "dummy"] | | | |
| | | ltree_TCH1_release | | | |
| 27 | | [TCV_chTch <> "dummy"] | | | |
| 28 | | L!DL_DatRqChRel | ChRel(TCV_chTch, ChRelease_01) | | |
| 29 | | [TCV_chTch = "dummy"] | | | |
| | | ltree_TCH2_release | | | |
| 30 | | [TCV_chTch1 <> "dummy"] | | | |
| 31 | | L!DL_DatRqChRel | ChRel(TCV_chTch1, ChRelease_01) | | |
| 32 | | [TCV_chTch1 = "dummy"] | | | |
| Detailed Comments: | | <ol style="list-style-type: none"> 1. To throw away any irrelevant channel request. 2. The guard timer times out, inconclusive. 3. Unexpected events, inconclusive. 4. Cancel of all running timers. | | | |

| Default Dynamic Behaviour | | | | | |
|---------------------------|-------|---|-------------|---|----------|
| Default Name: | | RcvHdOvAcc | | | |
| Group: | | GSM_L3_MS_v4170/ | | | |
| Objective: | | To match any HANDOVER ACCESS then return to calling tree. | | | |
| Nr | Label | Behaviour Description | CRef | V | Comments |
| 1 | | L?DL_RacInHoacc | HndOvAcc_01 | | |
| 2 | | RETURN | | | |
| Detailed Comments: | | | | | |

Annex B: Partial IXIT proforma

Notwithstanding the provisions of the copyright clause related to the text of this ETS, ETSI grants that users of this ETS may freely reproduce the PIXIT proforma in this annex so that it can be used for its intended purposes and may further publish the completed PIXIT.

Introduction

This partial IXIT proforma contained in this ETS, after augmented by the Test Realizer, is proposed to be provided to the client for completion, when the related Abstract Test Suite is to be used against client's Implementation Under Test (IUT).

Text in *italics* is comments for guidance for the production of a IXIT, and is not to be included in the actual IXIT.

The completed IXIT will normally be used in conjunction with the completed ICS, as it adds precision to the information provided by the ICS.

B.1 Identification Summary

This table is completed by the test laboratory. The item "Contract References" is optional.

Table 1: Identification Summary

| | |
|----------------------------|--|
| IXIT Reference Number | |
| Test Laboratory Name | |
| Date of Issue | |
| Issued to (name of client) | |
| Contract References | |

B.2 Abstract Test Suite Summary

In the following table the test laboratory provides the version number of the protocol specification and the version number of ATS which are used in the conformance testing.

Table 2: ATS Summary

| | |
|-----------------------------------|--------------------|
| Protocol Specification | ETS 300 557 |
| Version of Protocol Specification | |
| TSS & TP Specification | ETS 300 607-1 |
| Version of TSS & TP Specification | |
| ATS Specification | ETS 300 607-3 |
| Version of ATS Specification | |
| Abstract Test Method | Remote Test Method |

B.3 Test Laboratory

B.3.1 Test Laboratory Identification

The test laboratory provides the following information.

Table 3: Test Laboratory Identification

| | |
|-------------------------|--|
| Name of Test Laboratory | |
| Postal Address | |
| Office address | |
| Telephone Number | |
| FAX Number | |

Notwithstanding the provisions of the copyright clause related to the text of the present ETS (see the front page), ETS grants users of this ETS to freely reproduce the partial IXIT proforma in this clause so that it can be used for its intended purposes and may further publish the completed IXIT

B.3.2 Accreditation status of the test service

The test laboratory provides the following information.

Table 4: Accreditation status of the test service

| | |
|-------------------------|--|
| Accreditation status | |
| Accreditation Reference | |

B.3.3 Manager of Test Laboratory

The test laboratory provides the information about the manager of test laboratory in the following table.

Table 5: Manager of Test Laboratory

| | |
|------------------------------------|--|
| Name of Manager of Test Laboratory | |
| Telephone Number | |
| FAX Number | |
| E-mail Address | |

B.3.4 Contact person of Test Laboratory

The test laboratory provides the information about the contact person of test laboratory in the following table.

Table 6: Contact person of Test Laboratory

| | |
|------------------------------------|--|
| Name of Contact of Test Laboratory | |
| Telephone Number | |
| FAX Number | |
| E-mail Address | |

B.3.5 Means of Testing

In the table below, the test laboratory provides a statement of conformance of the Means Of Testing (MOT) to the reference standardized ATS, and identifies all restrictions for the test execution required by the MOT beyond those stated in the reference standardized ATS.

Table 7: Means of Testing

| Means of Testing |
|------------------|
|------------------|

B.3.6 Instructions for Completion

In this table, the test laboratory provides any specific instructions necessary for completion and return of the proforma from the client.

Table 8: Instruction for Completion

| Instructions for Completion |
|-----------------------------|
| |

B.4 Client

B.4.1 Client Identification

The client provides the identification in the following table.

Table 9: Client Identification

| | |
|------------------|--|
| Name of Client | |
| Postal Address | |
| Office Address | |
| Telephone Number | |
| FAX Number | |

B.4.2 Client Test Manager

In this table the client provides information about the test manager.

Table 10: Client Test Manager

| | |
|-----------------------------|--|
| Name of Client Test Manager | |
| Telephone Number | |
| FAX Number | |
| E-mail Address | |

B.4.3 Client Contact person

In this table the client provides information about the test contact person.

Table 11: Client Contact person

| | |
|-------------------------------|--|
| Name of Client contact person | |
| Telephone Number | |
| FAX Number | |
| E-mail Address | |

B.4.4 Test Facilities Required

In the following table, the client records the particular facilities required for testing, if a range of facilities is provided by the test laboratory.

Table 12: Test Facilities Required

| Test Facilities Required |
|--------------------------|
|--------------------------|

B.5 System Under Test

B.5.1 SUT Information

The client provides information about the SUT in the table below.

Table 13: SUT Information

| | |
|---------------------------------|--|
| System Name | |
| System Version | |
| SCS Reference | |
| Machine Configuration | |
| Operating System Identification | |
| IUT Identification | |
| ICS Reference for the IUT | |

B.5.2 Limitations of the SUT

In the table below, the client provides information explaining if any of the abstract tests cannot be executed.

Table 14: Limitation of the SUT

| Limitations of the SUT |
|------------------------|
|------------------------|

B.5.3 Environmental Conditions

In the table below the client provides information about any tighter environmental conditions for the correct operation of the SUT.

Table 15: Environmental Conditions

| Environmental Conditions |
|--------------------------|
|--------------------------|

B.6 Ancillary Protocols

This clause is completed by the client in conjunction with the test laboratory.

In the following tables, the client identifies relevant information concerning each ancillary protocol in the SUT other than the IUT itself. One table for one ancillary protocol

Based on the MOT the test laboratory should create question proformas for each ancillary protocol in the blank space following each table. The information required is dependent on the MOT and the SUT, and covers all the addressing, parameter values, timer values and facilities (relevant to ETSs) as defined by the ICS for the ancillary protocol.

B.6.1 Ancillary Protocols 1

Table 16: Ancillary Protocol 1

| | |
|---------------------------|---------|
| Protocol Name | ETS 300 |
| Version number | |
| ICS Reference (optional) | |
| IXIT Reference (optional) | |
| PCTR Reference (optional) | |

B.6.2 Ancillary Protocols 2

Table 17: Ancillary Protocol 2

| | |
|---------------------------|---------|
| Protocol Name | ETS 300 |
| Version number | |
| ICS Reference (optional) | |
| IXIT Reference (optional) | |
| PCTR Reference (optional) | |

B.7 Protocol Layer Information for L3 of Mobile Station

This clause is completed by the test laboratory

B.7.1 Protocol Identification

Table 18: Protocol Identification

| | |
|-------------------------|---|
| Specification Reference | ETS 300 557 European digital cellular telecommunications system (phase 2); Mobile radio interface layer 3 specification (GSM 04.08) |
| Version of Protocol | |
| ICS Reference | |

B.7.2 Parameter Values

B.7.2.1 Parameters related to Physical Resources

B.7.2.1.1 Parameter TSPX_AltNb

In the default test condition, there are two set of ARFCNs for neighbour cells BCCH/CCCH carriers available, one set is {10, 80, 90, 100, 110, 120} for GSM900 or {520, 600, 700, 780, 810, 870} for DCS1800, an alternative is {15, 85, 95, 105, 115, 122} for GSM 900 or {530, 610, 710, 790, 820, 880} for DCS1800. The value of TRUE selects the alternative set.

Table 19: Parameter TSPX_AltNb

| | |
|---|------------|
| Parameter Name | TSPX_AltNb |
| Parameter Type | BOOLEAN |
| Parameter Value | |
| References: TSPX_AltNb is used in: all test cases except RR and MM test group. | |

B.7.2.1.2 Parameter TSPX_BCCHcarrierA

In the default test condition, BCCH/CCCH carrier for cell A could be one of the following ARFCNs 20, 40 and 60 for GSM900 or one of the following ARFCNs 590, 690 and 830 for DCS1800. The parameter TSPX_BCCHcarrierA specifies which one is used in the test.

Table 20: Parameter TSPX_BCCHcarrierA

| | |
|--|-------------------|
| Parameter Name | TSPX_BCCHcarrierA |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_BCCHcarrierA is used in: all test cases except RR and MM test group. | |

B.7.2.1.3 Parameter TSPX_BCCHcarrierB

In invalid/inopportune test, Idle mode test, and CC test group, an emulation of two cells, cell A and cell B, is needed. The parameter TSPX_BCCHcarrierB specifies the ARFCN used for BCCH/CCCH carrier of cell B. the value of TSPX_BCCHcarrierB can be selected from {10, 80, 90, 100, 110,120} for GSM900 or {520, 600, 700, 780, 810, 870} for DCS1800 when the TSPX_AltNb = FALSE, or form {15, 85, 95, 105, 115, 122} for GSM900 or {530, 610, 710, 790, 820, 880} for DCS!800 when the TSPX_AltNb = TRUE.

Table 21: Parameter TSPX_BCCHcarrierB

| | |
|---|-------------------|
| Parameter Name | TSPX_BCCHcarrierB |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_BCCHcarrierB is used in: TC_26_3_4, TC_26_5_4_1, TC_26_5_5_2_3, TC_26_5_6_1_1, TC_26_5_6_1_2, TC_26_7_1, TC_26_7_2_2, TC_26_7_4_1, TC_26_7_4_2_1, TC_26_7_4_2_2_1, TC_26_7_4_2_2_2, TC_26_7_4_2_3, TC_26_7_4_2_4_1, TC_26_7_4_2_4_3, TC_26_7_4_2_4_5, TC_26_7_4_3_1, TC_26_7_4_3_2, TC_26_7_4_3_3, TC_26_7_4_3_4, TC_26_7_4_4, TC_26_7_4_5_3, TC_26_7_4_5_4_1, TC_26_7_4_5_4_2, TC_26_7_4_5_3, TC_26_7_4_6, TC_26_7_5_7_1, TC_26_8_1_4_3_2, TC_26_8_2_1 | |

B.7.2.1.4 Parameter TSPX_BCCHcarrierA_HO

The parameter TSPX_BCCHcarrierA_HO specifies the ARFCN used for BCCH/CCCH carrier of cell A in handover test cases. If the mobile station under test is GSM mobile state, the value of the parameter shall be 20. If the MS under test is DCS mobile station the value shall be 747.

Table 22: Parameter TSPX_BCCHcarrierA_HO

| | |
|--|----------------------|
| Parameter Name | TSPX_BCCHcarrierA_HO |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_BCCHcarrierA_HO is used in: TC_26_6_5_1_2, TC_26_6_5_1_4, TC_26_6_5_1_5, TC_26_6_5_1_6, TC_26_6_5_1_7, TC_26_6_5_1_8, TC_26_6_5_2_1, TC_26_6_5_2_2, TC_26_6_5_2_3, TC_26_6_5_2_4, TC_26_6_5_2_6, TC_26_6_5_2_7, TC_26_6_5_2_9, TC_26_6_5_2_10, TC_26_6_5_4_1, TC_26_6_5_4_3. | |

B.7.2.1.5 Parameter TSPX_BCCHcarrierB_HO

The parameter TSPX_BCCHcarrierB_HO specifies the ARFCN used for BCCH/CCCH carrier of cell B in handover test cases. If the mobile station under test is GSM mobile state, the value of the parameter shall be 40. If the MS under test is DCS mobile station the value shall be 764.

Table 23: Parameter TSPX_BCCHcarrierB_HO

| | |
|--|----------------------|
| Parameter Name | TSPX_BCCHcarrierB_HO |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_BCCHcarrierB_HO is used in: TC_26_6_5_1_1, TC_26_6_5_1_3, TC_26_6_5_1_5, TC_26_6_5_1_7, TC_26_6_5_2_1, TC_26_6_5_2_2, TC_26_6_5_2_3, TC_26_6_5_2_4, TC_26_6_5_2_5, TC_26_6_5_2_6, TC_26_6_5_2_7, TC_26_6_5_2_8, TC_26_6_5_2_9, TC_26_6_5_2_10, TC_26_6_5_3_1, TC_26_6_5_3_2, TC_26_6_5_4_1, TC_26_6_5_4_2, TC_26_6_5_4_3, TC_26_6_5_4_4. | |

B.7.2.1.6 Parameter TSPX_TCHcarrierA

If there is no special requirement indicated, the carrier for traffic channel or SDCCH channel of cell A could be one of the following ARFCNs 30, 50 and 70 for GSM900 or one of the following ARFCNs 650, 750 and 850 for DCS1800. The parameter TSPX_TCHcarrierA specifies which one is used in the cell A for the test.

Table 24: Parameter TSPX_TCHcarrierA

| | |
|---|------------------|
| Parameter Name | TSPX_TCHcarrierA |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_TCHcarrierA is used in: all test cases except RR and MM test cases. | |

B.7.2.1.7 Parameter TSPX_TCHcarrierA_ho

The parameter TSPX_TCHcarrierA_ho specifies TCH and SDCCH channel frequency number of cell A for HO cases. Its value is arbitrarily selected from cell allocation of cell A but not the carrier for BCCH. For GSM testing the cell allocation is 10, 17, 20, 26, 34, 42, 45, 46, 52, 59, 66, 73, 74, 75, 76, 108, 114. For DCS testing the cell allocation is 734, 741, 747, 754, 759, 766, 767, 773, 775, 779, 782, 791, 798, 829, 832, 844.

Table 25: Parameter TSPX_TCHcarrierA_ho

| | |
|--|---------------------|
| Parameter Name | TSPX_TCHcarrierA_ho |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_TCHcarrierA_ho is used in: TC_26_6_5_1_7, TC_26_6_5_4_4. | |

B.7.2.1.8 Parameter TSPX_TCHcarrierB

The parameter TSPX_TCHcarrierB specifies the ARFCN used for the carrier of traffic channel or SDCCH channel of cell B.

Table 26: Parameter TSPX_TCHcarrierB

| | |
|--|------------------|
| Parameter Name | TSPX_TCHcarrierB |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_TCHcarrierB is used in: TC_26_6_3_4, TC_26_6_5_4_4, TC_26_6_5_5_1, TC_26_6_5_5_2, TC_26_6_5_6, TC_26_6_5_7, TC_26_6_5_8, TC_26_6_5_9, TC_26_8_2_1. | |

B.7.2.1.9 Parameter TSPX_TCHcarrierB_ho

The parameter TSPX_TCHcarrierB_ho specifies the ARFCN used for the carrier of traffic channel or SDCCH channel of cell B for handover test cases. Its value is arbitrarily selected from the cell allocation of cell B but not the carrier for BCCH. For GSM testing the cell allocation is 14, 18, 22, 24, 30, 31, 38, 40, 60, 66, 73, 74, 75, 76, 108, 114. For DCS testing the cell allocation is 739, 743, 746, 749, 756, 758, 761, 764, 771, 779, 782, 791, 798, 829, 832, 844.

Table 27: Parameter TSPX_TCHcarrierB_ho

| | |
|---|---------------------|
| Parameter Name | TSPX_TCHcarrierB_ho |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_TCHcarrierB_ho is used in: TC_26_6_5_1_1, TC_26_6_5_1_2, TC_26_6_5_1_3, TC_26_6_5_2_5, TC_26_6_5_2_8, TC_26_6_5_3_1, TC_26_6_5_3_2, TC_26_6_5_4_4. | |

B.7.2.1.10 Parameter TSPX_TCHcarrierB2_ho

The parameter TSPX_TCHcarrierB2_ho specifies the ARFCN used for the carrier of traffic channel or SDCCH channel of cell B for handover test cases. It can be any value selected from cell allocation for cell B, but not BCCH carrier. For GSM testing the cell allocation is 14, 18, 22, 24, 30, 31, 38, 40, 60, 66, 73, 74, 75, 76, 108, 114. For DCS testing the cell allocation is 739, 743, 746, 749, 756, 758, 761, 764, 771, 779, 782, 791, 798, 829, 832, 844.

Table 28: Parameter TSPX_TCHcarrierB2_ho

| | |
|--|----------------------|
| Parameter Name | TSPX_TCHcarrierB2_ho |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_TCHcarrierB2_ho is used in: TC_26_6_5_2_8. | |

B.7.2.1.11 Parameters for Time Slot

Parameters in the following table represent the Time Slot used. The item 1 to item 8 are used in test cases where the Time Slot values are arbitrarily selected but controllable. The parameters can have any valid values but they shall be different from each other. Item 1 is the default Time Slot used in the test cases where the Time Slot is not specifically indicated. Item 9 can be any valid value but not zero.

Table 29: Parameters for Time Slot

| Item | Name | Type | Value |
|------|--------------------|--------------|-------|
| 1 | TSPX_TmSlitDef | BITSTRING[3] | |
| 2 | TSPX_TmSlitA | BITSTRING[3] | |
| 3 | TSPX_TmSlitB | BITSTRING[3] | |
| 4 | TSPX_TmSlitC | BITSTRING[3] | |
| 5 | TSPX_TmSlitD | BITSTRING[3] | |
| 6 | TSPX_TmSlitE | BITSTRING[3] | |
| 7 | TSPX_TmSlitF | BITSTRING[3] | |
| 8 | TSPX_TmSlitG | BITSTRING[3] | |
| 9 | TSPX_TmSlitNotZero | BITSTRING[3] | |

References:

TSPX_TmSlitA is used in: TC_26_6_5_1_1, TC_26_6_5_1_8, TC_26_6_5_2_8, TC_26_6_5_3_1, TC_26_6_6_1, TC_26_6_13_1.

TSPX_TmSlitB is used in: TC_26_6_5_1_1, TC_26_6_5_1_2, TC_26_6_5_2_9, TC_26_6_5_3_2, TC_26_6_5_4_3, TC_26_6_6_1, TC_26_6_13_1, TC_26_6_13_2, TC_26_6_13_6.

TSPX_TmSlitC is used in: TC_26_6_3_4, TC_26_6_4_2_1, TC_26_6_5_1_3, TC_26_6_5_2_6, TC_26_6_5_2_10, TC_26_6_5_5_1, TC_26_6_5_5_2, TC_26_6_5_6, TC_26_6_5_7, TC_26_6_5_8, TC_26_6_5_9, TC_26_6_6_1, TC_26_6_12_4, TC_26_6_13_2, TC_26_6_13_7, TC_26_8_1_4_3_1, TC_26_8_1_4_3_2, TC_26_8_1_4_5_6, TC_26_8_1_4_5_7, TC_26_8_2_1.

TSPX_TmSlitD is used in: TC_26_6_5_1_3, TC_26_6_5_1_4, TC_26_6_5_2_7, TC_26_6_6_1, TC_26_6_13_3, TC_26_6_13_4, TC_26_6_13_7, TC_26_6_13_8.

TSPX_TmSlitE is used in: TC_26_6_5_1_5, TC_26_6_5_2_8, TC_26_6_6_1, TC_26_6_13_3, TC_26_6_13_8.

TSPX_TmSlitF is used in: TC_26_6_5_1_6, TC_26_6_5_2_6, TC_26_6_5_2_9, TC_26_6_6_1, TC_26_6_13_4, TC_26_6_13_9.

TSPX_TmSlitG is used in: TC_26_6_5_1_7, TC_26_6_5_2_7, TC_26_6_5_2_10, TC_26_6_6_1, TC_26_6_13_4, TC_26_6_13_5, TC_26_6_13_10.

TSPX_TmSlitDef is used in: all other test cases.

TSPX_TmSlitNotZero is used in: TC_26_6_5_1_2, TC_26_6_5_1_5, TC_26_6_5_1_6, TC_26_6_5_1_7, TC_26_6_5_1_8, TC_26_6_5_2_2, TC_26_6_5_2_4, TC_26_6_5_2_5, TC_26_6_5_3_1, TC_26_6_5_3_2, TC_26_6_5_4_1, TC_26_6_5_4_2, TC_26_6_5_4_4.

B.7.2.2 Parameters related logical channel**B.7.2.2.1 Parameters for SDDCH4 Subchannels**

The parameters TSPX_SDCCH4Sub's indicate the TDMA offset of SDCCH4 subchannels. The item 1 to item 4 in the table are used in test cases where the subchannels are arbitrarily selected but controllable. The parameters can have valid values but they shall be different from each other. Item 1 is the default TDMA offset of SDCCH4 subchannel used in the test cases where the subchannel of SDCCH4 is not specifically indicated.

Table 30: Parameters for SDCCH4 subchannels

| Item | Name | Type | Value |
|------|-------------------|--------------|-------|
| 1 | TSPX_SDCCH4SubDef | BITSTRING[2] | |
| 2 | TSPX_SDCCH4SubA | BITSTRING[2] | |
| 3 | TSPX_SDCCH4SubB | BITSTRING[2] | |
| 4 | TSPX_SDCCH4SubC | BITSTRING[2] | |

References:

TSPX_SDCCH4SubA is used in: TC_26_6_1_2, TC_26_6_2_2, TC_26_6_2_3_1, TC_26_6_2_3_2, TC_26_6_3_1, TC_26_6_3_2, TC_26_6_3_3, TC_26_6_3_4, TC_26_6_3_5, TC_26_6_4_2_1, TC_26_6_5_1_1, TC_26_6_5_1_3, TC_26_6_5_1_5, TC_26_6_5_1_7, TC_26_6_5_1_8, TC_26_6_5_2_1, TC_26_6_5_2_2, TC_26_6_5_2_3, TC_26_6_5_4_2, TC_26_6_5_5_1, TC_26_6_5_6, TC_26_6_5_7, TC_26_6_5_8, TC_26_6_5_9, TC_26_6_8_2, TC_26_6_8_4, TC_26_6_11_2.

TSPX_SDCCH4SubB is used in: TC_26_6_1_2, TC_26_6_1_4, TC_26_6_2_1_2, TC_26_6_2_2, TC_26_6_2_3_1, TC_26_6_2_3_2, TC_26_6_3_4, TC_26_6_4_2_2, TC_26_6_5_1_2, TC_26_6_5_1_4, TC_26_6_5_1_6, TC_26_6_5_3_1, TC_26_6_5_3_2, TC_26_6_5_5_1, TC_26_6_5_5_2, TC_26_6_5_6, TC_26_6_5_7, TC_26_6_5_8, TC_26_6_5_9, TC_26_6_8_3, TC_26_6_8_4, TC_26_6_8_5, TC_26_6_13_5, TC_26_6_13_6, TC_26_6_13_7, TC_26_6_13_8, TC_26_8_1_4_3_1, TC_26_8_1_4_3_2, TC_26_8_1_4_5_7.

TSPX_SDCCH4SubC is used in: TC_26_6_2_1_1, TC_26_6_5_5_1, TC_26_6_5_8, TC_26_6_8_4, TC_26_6_11_1.

TSPX_SDCCH4SubDef is used in: all other test cases, which use SDCCH4 channel, not listed above.

B.7.2.2.2 Parameters for SDDCH8 Subchannels

The parameters TSPX_SDCCH8Sub's indicate the TDMA offset of SDCCH8 subchannels. The item 1 to item 8 in the table are used in test cases where the subchannels are arbitrarily selected but controllable. The parameters can have any valid values but they shall be different from each other. Item 1 is the default TDMA offset of SDCCH8 subchannel used in the test cases where the subchannel of SDCCH8 is not specifically indicated.

Table 31: Parameters for SDCCH8 subchannels

| Item | Name | Type | Value |
|------|-------------------|--------------|-------|
| 1 | TSPX_SDCCH8SubDef | BITSTRING[3] | |
| 2 | TSPX_SDCCH8SubA | BITSTRING[3] | |
| 3 | TSPX_SDCCH8SubB | BITSTRING[3] | |
| 4 | TSPX_SDCCH8SubC | BITSTRING[3] | |
| 5 | TSPX_SDCCH8SubD | BITSTRING[3] | |
| 6 | TSPX_SDCCH8SubE | BITSTRING[3] | |
| 7 | TSPX_SDCCH8SubF | BITSTRING[3] | |
| 8 | TSPX_SDCCH8SubG | BITSTRING[3] | |

References:

TSPX_SDCCH8SubA is used in: TC_26_6_1_1, TC_26_6_1_4, TC_26_6_1_5, TC_26_6_2_1_1, TC_26_6_2_1_2, TC_26_6_2_1_3, TC_26_6_2_5, TC_26_6_3_1, TC_26_6_3_2, TC_26_6_3_3, TC_26_6_3_4, TC_26_6_3_5, TC_26_6_4_1, TC_26_6_4_2_1, TC_26_6_4_2_2, TC_26_6_5_2_3, TC_26_6_5_2_4, TC_26_6_5_2_8, TC_26_6_5_2_9, TC_26_6_5_2_10, TC_26_6_5_4_1, TC_26_6_5_4_2, TC_26_6_5_4_4, TC_26_6_5_5_1, TC_26_6_5_5_2, TC_26_6_5_6, TC_26_6_5_7, TC_26_6_5_8, TC_26_6_5_9, TC_26_6_6_1, TC_26_6_7_1, TC_26_6_8_1, TC_26_6_8_2, TC_26_6_8_3, TC_26_6_8_4, TC_26_6_8_5, TC_26_6_11_1, TC_26_6_11_2, TC_26_6_13_1, TC_26_6_13_2, TC_26_6_13_3, TC_26_6_13_4, TC_26_6_13_5, TC_26_6_13_6, TC_26_6_13_7, TC_26_6_13_8, TC_26_6_13_9, TC_26_6_13_10.

TSPX_SDCCH8SubB is used in: TC_26_6_1_2, TC_26_6_6_1, TC_26_6_12_1, TC_26_6_13_2, TC_26_6_13_5.

TSPX_SDCCH8SubC is used in: TC_26_6_1_2, TC_26_6_6_1, TC_26_6_13_2, TC_26_6_13_6.

TSPX_SDCCH8SubD is used in: TC_26_6_1_5.

TSPX_SDCCH8SubE is used in: TC_26_6_2_1_3.

TSPX_SDCCH8SubF is used in: TC_26_6_2_5.

TSPX_SDCCH8SubG is used in: TC_26_6_12_2.

TSPX_SDCCH8SubDef is used in: TC_26_6_4_1, TC_26_6_5_2_1, TC_26_6_5_2_2, TC_26_6_5_2_3, TC_26_6_5_2_4, TC_26_6_5_2_5, TC_26_6_5_2_6, TC_26_6_5_2_7, TC_26_6_5_2_8, TC_26_6_5_2_9, TC_26_6_5_2_10, TC_26_6_5_4_1, TC_26_6_5_4_2, TC_26_6_5_4_3, TC_26_6_5_4_4, TC_26_6_12_4.

B.7.2.2.3 Parameters for Half Rate Traffic Subchannels

The parameters TSPX_TCHHSub's indicate TDMA offset of Half rate TCH subchannels. The item 1 to item 2 in the table are used in test cases where the subchannels are arbitrarily selected but controllable. The parameters can have any valid values but they shall be different from each other. Item 2 is the default subchannel used in the test cases where the subchannel is not specifically indicated.

Table 32: Parameters for TCHH subchannels

| Item | Name | Type | Value |
|------|-----------------|--------------|-------|
| 1 | TSPX_TCHHSubA | BITSTRING[1] | |
| 2 | TSPX_TCHHSubDef | BITSTRING[1] | |

References:

TSPX_TCHHSubA is used in: TC_26_6_1_1, TC_26_6_4_1, TC_26_6_4_2_1, TC_26_6_6_1, TC_26_6_7_2.

TSPX_TCHHSubDef is used in: all other (except test cases listed above) test cases which use half rate traffic channel.

B.7.2.3 Parameters related to Mobile Station**B.7.2.3.1 Parameter TSPX_ChModeA**

In CC test group, it is required to initiate a mobile originating call for a selected basic service supported by the MS under test. During the call setup, a CHANNEL MODE MODIFY message is used to set the channel compatible with the basic service. The parameter TSPX_ChModeA specifies the compatible Channel Mode information element for basic service TSPX_BscSrvA.

Table 33: Parameter TSPX_ChModeA

| Parameter Name: TSPX_ChModeA | | | |
|--|--------------|-------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| mode | BITSTRING[8] | | channel mode |
| References: TSPX_ChModeA is used with TSPX_BscSvcA. | | | |

B.7.2.3.2 Parameter TSPX_ChModeB

In CC test group, it is required to initiate a mobile originating call for a selected basic service supported by the MS under test. During the call setup, a CHANNEL MODE MODIFY message is used to set the channel compatible with the basic service. The parameter TSPX_ChModeB specifies the compatible Channel Mode information element for basic service TSPX_BscSrvB.

Table 34: Parameter TSPX_ChModeB

| Parameter Name: TSPX_ChModeB | | | |
|--|--------------|-------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| mode | BITSTRING[8] | | channel mode |
| References: TSPX_ChModeB is used with TSPX_BscSvcB. | | | |

B.7.2.3.3 Parameter TSPX_ChModeC

In CC test group, it is required to initiate a mobile originating call for a selected basic service supported by the MS under test. During the call setup, a CHANNEL MODE MODIFY message is used to set the channel compatible with the basic service. The parameter TSPX_ChModeC specifies the compatible Channel Mode information element for basic service TSPX_BscSrvC.

Table 35: Parameter TSPX_ChModeC

| Parameter Name: TSPX_ChModeC | | | |
|--|--------------|-------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| mode | BITSTRING[8] | | channel mode |
| References: TSPX_ChModeC is used with TSPX_BscSvcC. | | | |

B.7.2.3.4 Parameter TSPX_ChModeD

In CC test group, it is required to initiate a mobile originating call for a selected basic service supported by the MS under test. During the call setup, a CHANNEL MODE MODIFY message is used to set the channel compatible with the basic service. The parameter TSPX_ChModeD specifies the compatible Channel Mode information element for basic service TSPX_BscSrvD.

Table 36: Parameter TSPX_ChModeD

| Parameter Name: TSPX_ChModeD | | | |
|--|--------------|-------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| mode | BITSTRING[8] | | channel mode |
| References: TSPX_ChModeD is used with TSPX_BscSvcD. | | | |

B.7.2.3.5 Parameter TSPX_ChModeE

In CC test group it is required to initiate a mobile originating call for a selected basic service supported by the MS under test. During the call setup, a CHANNEL MODE MODIFY message is used to set the channel compatible with the basic service. The parameter TSPX_ChModeE specifies the compatible Channel Mode information element for basic service TSPX_BscSrvE.

Table 37: Parameter TSPX_ChModeE

| Parameter Name: TSPX_ChModeE | | | |
|--|--------------|-------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| mode | BITSTRING[8] | | channel mode |
| References: TSPX_ChModeE is used with TSPX_BscSvcE. | | | |

B.7.2.3.6 Parameter TSPX_ChModeF

In CC test group, it is required to initiate a mobile originating call for a selected basic service supported by the MS under test. During the call setup, a CHANNEL MODE MODIFY message is used to set the channel compatible with the basic service. The parameter TSPX_ChModeF specifies the compatible Channel Mode information element for basic service TSPX_BscSrvF.

Table 38: Parameter TSPX_ChModeF

| Parameter Name: TSPX_ChModeF | | | |
|--|--------------|-------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| mode | BITSTRING[8] | | channel mode |
| References: TSPX_ChModeF is used with TSPX_BscSvcF. | | | |

B.7.2.3.7 Parameter TSPX_ChModeG

In CC test group, it is required to initiate a mobile originating call for a selected basic service supported by the MS under test. During the call setup, a CHANNEL MODE MODIFY message is used to set the channel compatible with the basic service. The parameter TSPX_ChModeG specifies the compatible Channel Mode information element for basic service TSPX_BscSrvG.

Table 39: Parameter TSPX_ChModeG

| Parameter Name: TSPX_ChModeG | | | |
|--|--------------|-------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| mode | BITSTRING[8] | | channel mode |
| References: TSPX_ChModeG is used with TSPX_BscSvcG. | | | |

B.7.2.3.8 Parameter TSPX_ChModeH

In CC test group, it is required to initiate a mobile originating call for a selected basic service supported by the MS under test. During the call setup, a CHANNEL MODE MODIFY message is used to set the channel compatible with the basic service. The parameter TSPX_ChModeH specifies the compatible Channel Mode information element for basic service TSPX_BscSrvH.

Table 40: Parameter TSPX_ChModeH

| Parameter Name: TSPX_ChModeH | | | |
|---|--------------|-------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| mode | BITSTRING[8] | | channel mode |
| References: TSPX_ChModeH is used in: | | | |

B.7.2.3.9 Parameter TSPX_ChModel

In CC test group, it is required to initiate a mobile originating call for a selected basic service supported by the MS under test. During the call setup, a CHANNEL MODE MODIFY message is used to set the channel compatible with the basic service. The parameter TSPX_ChModel specifies the compatible Channel Mode information element for basic service TSPX_BscSrvI.

Table 41: Parameter TSPX_ChModel

| Parameter Name: TSPX_ChModel | | | |
|--|--------------|-------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| mode | BITSTRING[8] | | channel mode |
| References: TSPX_ChModel is used with TSPX_BscSvcI. | | | |

B.7.2.3.10 Parameter TSPX_ChModeJ

In CC test group, it is required to initiate a mobile originating call for a selected basic service supported by the MS under test. During the call setup, a CHANNEL MODE MODIFY message is used to set the channel compatible with the basic service. The parameter TSPX_ChModeJ specifies the compatible Channel Mode information element for basic service TSPX_BscSrvJ.

Table 42: Parameter TSPX_ChModeJ

| Parameter Name: TSPX_ChModeJ | | | |
|--|--------------|-------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| mode | BITSTRING[8] | | channel mode |
| References: TSPX_ChModeJ is used with TSPX_BscSvcJ. | | | |

B.7.2.3.11 Parameter TSPX_UuInfo

It is required to initiate a mobile terminating call with a SETUP message which contains a bearer capability supported by the MS and user-user information. The parameter TSPX_UuInfo specifies the value of the user-user information element.

Table 43: Parameter TSPX_UuInfo

| Parameter Name: TSPX_UuInfo | | | |
|--|--------------------|-------------|----------------------------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '01111110'B | |
| iel | OCTETSTRING[1] | | length of the element |
| uupd | BITSTRING[8] | | user-user protocol discriminator |
| uui | OCTETSTRING[0..64] | | user-user information |
| References: | | | |
| TSPX_UuInfo is used in: test case TC_26_8_3_2. | | | |

B.7.2.3.12 Parameters for selection of a circuit switched basic services

In CC test group, it is required that for each test, unless otherwise specified, a circuit switched basic service among those supported by the MS shall be chosen arbitrarily (but controllable). The TSPX_BscSvc's in the following tables represent 10 circuit switched basic services supported by the MS under test. If the number of circuit switched basic services supported by the MS is less than 10 duplicated values shall be used for the rest part of the table.

The possible values are as following:

- "C_Telephony" : telephony teleservice (TS11),
- "C_EmgCallSvc" : emergency call teleservice (TS12),
- "C_AltSpchG3" : alternate speech and G3 fax teleservice (TS61),
- "C_AutoG3" : automatic G3 fax teleservice (TS62),
- "C_300cda" : data circuit duplex asynchronous 300 bit/s bearer service (BS21),
- "C_1200cda" : data circuit duplex asynchronous 1200 bit/s bearer service (BS22),
- "C_120075cda" : data circuit duplex asynchronous 120075 bit/s bearer service (BS23),
- "C_2400cda" : data circuit duplex asynchronous 2400 bit/s bearer service (BS24),
- "C_4800cda" : data circuit duplex asynchronous 4800 bit/s bearer service (BS25),
- "C_9600cda" : data circuit duplex asynchronous 9600 bit/s bearer service (BS26),
- "C_1200cda" : data circuit duplex asynchronous 1200 bit/s bearer service (BS31),
- "C_2400cda" : data circuit duplex synchronous 2400 bit/s bearer service (BS32),
- "C_4800cda" : data circuit duplex synchronous 4800 bit/s bearer service (BS33),
- "C_9600cda" : data circuit duplex synchronous 9600 bit/s bearer service (BS34),
- "C_PAD300" : PAD access 300 bit/s bearer service (BS41),
- "C_PAD1200" : PAD access 1200 bit/s bearer service (BS42),
- "C_PAD120075" : PAD access 120075 bit/s bearer service (BS43),
- "C_PAD2400" : PAD access 2400 bit/s bearer service (BS44),
- "C_PAD4800" : PAD access 4800 bit/s bearer service (BS45),
- "C_PAD9600" : PAD access 9600 bit/s bearer service (BS46),
- "C_Pkt2400" : packet access 2400 bit/s bearer service (BS51),
- "C_Pkt4800" : packet access 4800 bit/s bearer service (BS52),
- "C_Pkt9600" : packet access 9600 bit/s bearer service (BS53),
- "C_AltSpchData" : alternate speech/data bearer service (BS61),
- "C_SpchData" : speech followed data bearer service (BS81),

| Item | Name | Type | Value | Comments |
|--|--------------|-----------|-------|----------|
| 1 | TSPX_BscSvcA | IA5String | | |
| 2 | TSPX_BscSvcB | IA5String | | |
| 3 | TSPX_BscSvcC | IA5String | | |
| 4 | TSPX_BscSvcD | IA5String | | |
| 5 | TSPX_BscSvcE | IA5String | | |
| 6 | TSPX_BscSvcF | IA5String | | |
| 7 | TSPX_BscSvcG | IA5String | | |
| 8 | TSPX_BscSvcH | IA5String | | |
| 9 | TSPX_BscSvcI | IA5String | | |
| 10 | TSPX_BscSvcJ | IA5String | | |
| <p>Remarks:</p> <p>TSPX_BscSvcA is used in : TC_26_8_1_2_2_1, TC_26_8_1_2_3_4, TC_26_8_1_2_4_7, TC_26_8_1_2_8_1, TC_26_8_1_2_8_4, TC_26_8_1_3_2_1, TC_26_8_1_3_4_8, TC_26_8_1_3_5_3, TC_26_8_3.</p> <p>TSPX_BscSvcB is used in : TC_26_8_1_2_2_2, TC_26_8_1_2_3_1, TC_26_8_1_2_3_5, TC_26_8_1_2_8_2, TC_26_8_1_3_3_1, TC_26_8_1_3_5_4, TC_26_8_1_3_5_7.</p> <p>TSPX_BscSvcC is used in : TC_26_8_1_2_2_3, TC_26_8_1_2_3_2, TC_26_8_1_2_3_6, TC_26_8_1_2_5_4, TC_26_8_1_2_9_4, TC_26_8_1_3_3_3, TC_26_8_1_3_5_5, TC_26_8_1_3_5_9, TC_26_8_1_4_3_1.</p> <p>TSPX_BscSvcD is used in : TC_26_8_1_2_3_3, TC_26_8_1_2_3_7, TC_26_8_1_2_4_11, TC_26_8_1_2_5_5, TC_26_8_1_2_9_5, TC_26_8_1_3_3_2, TC_26_8_1_3_3_4, TC_26_8_1_3_5_6, TC_26_8_1_4_2_1.</p> <p>TSPX_BscSvcE is used in : TC_26_8_1_2_4_1, TC_26_8_1_2_4_8, TC_26_8_1_2_4_10, TC_26_8_1_2_4_12, TC_26_8_1_2_5_6, TC_26_8_1_2_5_8, TC_26_8_1_3_3_5, TC_26_8_1_3_4_1, TC_26_8_1_3_5_8, TC_26_8_1_4_3_2.</p> <p>TSPX_BscSvcF is used in : TC_26_8_1_2_4_2, TC_26_8_1_2_4_9, TC_26_8_1_2_4_13, TC_26_8_1_2_5_1, TC_26_8_1_2_6_3, TC_26_8_1_2_7_4, TC_26_8_1_3_3_6, TC_26_8_1_3_4_2, TC_26_8_1_4_4_1.</p> <p>TSPX_BscSvcG is used in : TC_26_8_1_2_4_3, TC_26_8_1_2_5_2, TC_26_8_1_2_5_7, TC_26_8_1_2_6_4, TC_26_8_1_2_7_5, TC_26_8_1_3_3_7, TC_26_8_1_3_4_6.</p> | | | | |

TSPX_BscSvcH is used in : TC_26_8_1_2_4_4, TC_26_8_1_2_6_1, TC_26_8_1_2_6_5,
TC_26_8_1_2_7_1, TC_26_8_1_2_9_1, TC_26_8_1_3_4_3, TC_26_8_1_3_4_7.

TSPX_BscSvcI is used in : TC_26_8_1_2_4_5, TC_26_8_1_2_6_2, TC_26_8_1_2_7_2,
TC_26_8_1_2_8_3, TC_26_8_1_2_9_2, TC_26_8_1_3_4_4, TC_26_8_1_3_5_1.

TSPX_BscSvcJ is used in : TC_26_8_1_2_4_6, TC_26_8_1_2_6_6, TC_26_8_1_2_7_3,
TC_26_8_1_2_9_3, TC_26_8_1_3_4_5, TC_26_8_1_3_5_2.

B.7.2.3.13 Parameters of Bearer Capability

For some non CC testing a full rate bearer capability IE supported by the MS is needed, and if the MS supports dual rate a half rate bearer capability IE supported by the MS is also needed.

B.7.2.3.13.1 Parameter TSPX_BCa

The value of the bearer capability in this table shall be any full rate bearer capability supported. The contents of this IE can be copied from the section "Parameters for Setup message".

Table 44: Parameter TSPX_BCa

| Parameter Name: TSPX_BCa | | | |
|---|----------------|-------------|--|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| References: | | | |
| TSPX_BCa is used in: TC_11_3, TC_26_5_1, TC_26_5_2_2, TC_26_5_2_3, TC_26_5_3_1, TC_26_5_3_2, TC_26_5_3_3, TC_26_5_3_4, TC_26_5_5_1_2, TC_26_5_5_2_1, TC_26_5_5_2_2, TC_26_5_5_3_1_1, TC_26_5_5_3_1_2, TC_26_5_6_2_2, TC_26_5_6_2_3, TC_26_5_6_2_4, TC_26_5_7_1_4, TC_26_6_3_1, TC_26_6_3_2, TC_26_6_3_3, TC_26_6_3_4, TC_26_6_3_5, TC_26_6_4_2_1, TC_26_6_5_1_1, TC_26_6_5_1_2, TC_26_6_5_1_3, TC_26_6_5_1_4, TC_26_6_5_1_5, TC_26_6_5_1_6, TC_26_6_5_1_7, TC_26_6_5_1_8, TC_26_6_5_3_1, TC_26_6_5_3_2, TC_26_6_5_5_1, TC_26_6_5_6, TC_26_6_5_7, TC_26_6_5_8, TC_26_6_5_9, TC_26_7_5_7_2, TC_26_8_1_2_6_6, TC_26_9_4, TC_26_9_5, TC_31_2_1_7_1_1, TC_31_2_1_7_2, TC_31_6_1_2, TC_31_6_2_5, TC_31_8_7, TC_34_2_1, TC_34_2_2. | | | |

B.7.2.3.13.2 Parameter TSPX_BCb

The value of the bearer capability in this table shall be any half rate bearer capability supported. If the MS does not support half rate, the table is skipped.

Table 45: Parameter TSPX_BCb

| Parameter Name: TSPX_BCb | | | |
|---|----------------|-------------|--|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adoption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| References: | | | |
| TSPX_BCb is used in: TC_26_6_4_2_1, TC_26_9_4, TC_26_9_5. | | | |

B.7.2.3.14 Parameter TSPX_BC2

In some test cases, it is required to check the MS behaviour of receiving a SETUP message containing a bearer capability which is not supported by the MS. The parameter TSPX_BC2 specifies such non-supported bearer capability IE.

Table 46: Parameter TSPX_BC2

| Parameter Name: TSPX_BC2 | | | |
|---|----------------|-------------|--|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| References: | | | |
| TSPX_BC2 is used in: TC_26_8_1_3_1_1, TC_26_8_1_4_4_1, TC_26_8_1_4_5_4. | | | |

B.7.2.3.15 Parameters for Low Layer Compatibility

The Lower Layer Compatibility IE which is appropriate for the corresponding BC, shall also included in the call SETUP message. The parameter TSPX_LLCmp's specify the values of the information elements. If no Low Layer Compatibility IE available for the corresponding BC the box "omitted?" shall be filled with OMIT and the rest are skipped, otherwise the box "omitted?" shall be skipped. The information element shall be omitted from the setup message when the box "omitted?" is filled with OMIT.

B.7.2.3.15.1 Parameter TSPX_LLCmpA

TSPX_LLCmpA is the value of the low layer compatibility appropriate for the bearer capability TSPX_BC_a.

Table 47: Parameter TSPX_LLCompA

| Parameter Name: TSPX_LLCompA | | | |
|---|--------------------|-------------|-----------------------|
| omitted? | | | |
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | length of the element |
| contents | OCTETSTRING[1..13] | | ETS 300 102-1 |
| References: TSPX_LLCompA is used with TSPX_BCa | | | |

B.7.2.3.15.2 Parameter TSPX_LLCompB

TSPX_LLCompB is the value of the low layer compatibility appropriate for the bearer capability TSPX_BCb.

Table 48: Parameter TSPX_LLCompB

| Parameter Name: TSPX_LLCompB | | | |
|---|--------------------|-------------|-----------------------|
| omitted? | | | |
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | length of the element |
| contents | OCTETSTRING[1..13] | | ETS 300 102-1 |
| References: TSPX_LLCompB is used with TSPX_BCb | | | |

B.7.2.3.16 Parameters for High Layer Compatibility

The High Layer Compatibility IE which is appropriate for the corresponding BC, shall also included in the call SETUP message. The parameter TSPX_HLComp's specify the values of the information elements. If no High Layer Compatibility IE available for the corresponding BC the box "omitted?" shall be filled with OMIT and the rest are skipped, otherwise the box "omitted?" shall be skipped. The information element shall be omitted from the setup message when the box "omitted?" is filled with OMIT.

B.7.2.3.16.1 Parameter TSPX_HLCompA

TSPX_HLCompA is the value of the low layer compatibility appropriate for the bearer capability TSPX_BCa.

Table 49: Parameter TSPX_HLCompA

| Parameter Name: TSPX_HLCompA | | | |
|---|----------------|-------------|---|
| omitted? | | | |
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | '1'B | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| References: TSPX_HLCompA is used with TSPX_BCa | | | |

B.7.2.3.16.2 Parameter TSPX_HLCmpB

TSPX_HLCmpB is the value of the low layer compatibility appropriate for the bearer capability TSPX_BCb.

Table 50: Parameter TSPX_HLCmpB

| Parameter Name: TSPX_HLCmpB | | | |
|--|----------------|-------------|---|
| omitted? | | | |
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmpp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | '1'B | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| References: TSPX_HLCmpB is used with TSPX_BCb | | | |

B.7.2.3.17 Parameter TSPX_IMSI

Parameter TSPX_IMSI is the default value of IMSI which will be stored in the test SIM card. The parameter shall be a 18 Hex digits long value, the most significant 8 HEX digits shall be 08091010 the rest 10 HEX digits can any value from 0 to 9 except that IMSI mod 1000 shall lie in one of the following ranges: 063-125, 189-251, 315-377, 441-503, 567-629, 693-755, 819-881, 945-999.

Table 51: Parameter TSPX_IMSI

| | |
|---|-------------------|
| Parameter Name | TSPX_IMSI |
| Parameter Type | HEXSTRING[18] |
| Parameter Value | '08091010_____ 'H |
| References: TSPX_IMSI is the default value of IMSI, used in almost all test cases. | |

NOTE: The '_' in the above table means the value of this position shall be provided

B.7.2.3.18 Parameter TSPX_IMEI

Parameter TSPX_IMEI is the value of IMEI which belongs to the MS.

Table 52: Parameter TSPX_IMEI

| | |
|--|---------------|
| Parameter Name | TSPX_IMEI |
| Parameter Type | HEXSTRING[15] |
| Parameter Value | '_____ "H |
| References: TSPX_IMEI is used in: TC_26_7_2_2, TC_26_7_3_1, TC_26_7_4_2_1, TC_26_7_4_2_2_1, TC_26_7_4_2_3, TC_26_7_4_2_4_2, TC_26_7_5_7_1, TC_26_9_6_2_1, TC_26_9_6_2_2, TC_31_6_2_4. | |

NOTE: The '_' in the above table means the value of this position shall be provided

B.7.2.3.19 Parameter TSPX_IMEISV

Parameter TSPX_IMEISV is the value of IMEISV which belongs to the MS.

Table 53: Parameter TSPX_IMEISV

| | |
|--|---------------|
| Parameter Name | TSPX_IMEISV |
| Parameter Type | HEXSTRING[16] |
| Parameter Value | '-----"H |
| References: TSPX_IMEISV is used in: TC_26_6_8_5, TC_26_7_3_1. | |

NOTE: The '_' in the above table means the value of this position shall be provided

B.7.2.3.20 Parameter TSPX_MSTxpwrMax

Parameter TSPX_MSTxpwrMax is the value of maximum output power of the MS under test.

Table 54: Parameter TSPX_MSTxpwrMax

| | |
|--|-----------------|
| Parameter Name | TSPX_MSTxpwrMax |
| Parameter Type | BITSTRING[5] |
| Parameter Value | |
| References: TSPX_MSTxpwrMax is used in: TC_26_3_2, TC_26_3_3, TC_26_6_4_2_1, TC_26_6_5_5_1, TC_26_6_5_8, TC_26_6_5_9. | |

B.7.2.3.21 Parameters for Power Level

The parameters TSPX_Pwrlvl's represent the power level used in Power Control Command. They are used in test cases where the power level are arbitrarily selected but controllable. The parameters can have any valid values supported by the MS but they shall be different from each other.

Table 55: Parameters for Power level

| Item | Name | Type | Value |
|---|--------------|--------------|-------|
| 1 | TSPX_PwrlvlA | BITSTRING[5] | |
| 2 | TSPX_PwrlvlB | BITSTRING[5] | |
| 8 | TSPX_PwrlvlC | BITSTRING[5] | |
| 4 | TSPX_PwrlvlD | BITSTRING[5] | |
| References: TSPX_PwrlvlA is used in: TC_26_6_5_1_1, TC_26_6_5_1_2, TC_26_6_5_2_1, TC_26_6_5_2_2, TC_26_6_5_4_1, TC_26_6_5_4_3, TC_26_6_13_1, TC_26_6_13_5. TSPX_PwrlvlB is used in: TC_26_6_5_1_3, TC_26_6_5_1_4, TC_26_6_5_2_3, TC_26_6_5_2_4, TC_26_6_5_2_5, TC_26_6_5_4_2, TC_26_6_13_2, TC_26_6_13_6. TSPX_PwrlvlC is used in: TC_26_6_5_1_5, TC_26_6_5_1_6, TC_26_6_5_2_6, TC_26_6_5_2_7, TC_26_6_5_3_2, TC_26_6_13_3, TC_26_6_13_7, TC_34_2_1, TC_34_2_2, TC_34_2_3, TC_34_2_4, TC_34_2_5_1, TC_34_2_5_2, TC_34_2_5_3, TC_34_2_7, TC_34_3. TSPX_PwrlvlD is used in: TC_26_5_1_7, TC_26_5_1_8, TC_26_5_2_8, TC_26_5_2_9, TC_26_5_2_10, TC_26_5_3_1, TC_26_5_4_4, TC_26_13_4, TC_26_13_8. | | | |

B.7.2.3.22 Parameter TSPX_TMSI

This parameter is the default TMSI value for the MS, and is programmed into the SIM card used in the test. It can be any valid value.

Table 56: Parameter TSPX_TMSI

| | |
|-----------------|----------------|
| Parameter Name | TSPX_TMSI |
| Parameter Type | OCTETSTRING[4] |
| Parameter Value | '_ _ _ _ _'O |
| Remarks: | |

B.7.2.3.23 Parameter TSPX_TMSI1

This parameter is used as a newly assigned TMSI for the MS. It can be any value except that it shall not be the same as TSPX_TMSI or TSPX_TMSI + 1 or TSPX_TMSI + 2 or TSPX_TMSI + 3.

Table 57: Parameter TSPX_TMSI1

| | |
|---|-------------|
| Parameter Name | TSPX_TMSI1 |
| Parameter Type | OCTETSTRING |
| Parameter Value | |
| Remarks: TSPX_TMSI1 is used in: TC_26_2_2, TC_26_5_6_1_1, TC_26_5_6_1_2, TC_26_7_1, TC_26_7_4_1. | |

B.7.2.3.24 Parameters for Basic service selection

In the CC test group, it is required that a circuit switched basic service among those supported by the MS is selected arbitrarily for each test case, and the test is against that selected basic service. Parameters in the table are used by the test laboratory to control which test cases use which basic service for testing. The test laboratory fills in the following table according to ICS answers of which circuit switched basic services are supported. If the number of supported circuit switched basic services is more than 10, select 10 of them to put in the following table. If the number of supported circuit switched basic services is less than 10, repeat some of them in the following table. The possible values for the following table are :

- C_Telephony represents teleservice "telephony"
- C_EmgCallSRV represents teleservice "emergency call"
- C_SMSMTTP represents teleservice "short message MT/PP"
- C_SMSMOPP represents teleservice "short message MO/PP"
- C_SMSCellBRD represents teleservice "SMS cell broadcast"
- C_SpchAltG3 represents teleservice "alternative speech and G3 fax"
- C_AutoG3 represents teleservice "automatic G3 fax"
- C_300cda represents bearer service "data circuit duplex async. 300 bit/s"
- C_1200cda represents bearer service "data circuit duplex async. 1200 bit/s"
- C_120075cda represents bearer service "data circuit duplex async. 1200/75 bit/s"
- C_2400cda represents bearer service "data circuit duplex async. 2400 bit/s"
- C_4800cda represents bearer service "data circuit duplex async. 4800 bit/s"
- C_9600cda represents bearer service "data circuit duplex async. 9600 bit/s"
- C_1200cda represents bearer service "data circuit duplex sync. 1200 bit/s"
- C_2400cda represents bearer service "data circuit duplex sync. 2400 bit/s"
- C_4800cda represents bearer service "data circuit duplex sync. 4800 bit/s"
- C_9600cda represents bearer service "data circuit duplex sync. 9600 bit/s"
- C_PAD300 represents bearer service "PAD access 300 bit/s"
- C_PAD1200 represents bearer service "PAD access 1200 bit/s"
- C_PAD120075 represents bearer service "PAD access 1200/75 bit/s"
- C_PAD2400 represents bearer service "PAD access 2400 bit/s"
- C_PAD4800 represents bearer service "PAD access 4800 bit/s"
- C_PAD9600 represents bearer service "PAD access 9600 bit/s"
- C_Pkt2400 represents bearer service "packet access 2400 bit/s"
- C_Pkt4800 represents bearer service "packet access 4800 bit/s"
- C_Pkt9600 represents bearer service "packet access 9600 bit/s"
- C_AltSpchData represents bearer service "alternate speech/data"
- C_Pkt9600 represents bearer service "speech followed by data"

Table 58: Parameters for basic service selection

| Item | Name | Type | Value |
|---|--------------|-----------|-------|
| 1 | TSPX_BscSrvA | IA5String | |
| 2 | TSPX_BscSrvB | IA5String | |
| 3 | TSPX_BscSrvC | IA5String | |
| 4 | TSPX_BscSrvD | IA5String | |
| 5 | TSPX_BscSrvE | IA5String | |
| 6 | TSPX_BscSrvF | IA5String | |
| 7 | TSPX_BscSrvG | IA5String | |
| 8 | TSPX_BscSrvH | IA5String | |
| 9 | TSPX_BscSrvI | IA5String | |
| 10 | TSPX_BscSrvJ | IA5String | |
| Remarks: | | | |
| TSPX_BscSvcA controls the test cases: TC_26_8_1_2_2_1, TC_26_8_1_2_3_4, TC_26_8_1_2_4_7, TC_26_8_1_2_8_1, TC_26_8_1_2_8_4, TC_26_8_1_3_2_1, TC_26_8_1_3_4_8, TC_26_8_1_3_5_3, TC_26_8_3. | | | |
| TSPX_BscSvcB controls the test cases: TC_26_8_1_2_2_2, TC_26_8_1_2_3_1, TC_26_8_1_2_3_5, TC_26_8_1_2_5_3, TC_26_8_1_2_8_2, TC_26_8_1_3_3_1, TC_26_8_1_3_5_4, TC_26_8_1_3_5_7. | | | |
| TSPX_BscSvcC controls the test cases: TC_26_8_1_2_2_3, TC_26_8_1_2_3_2, TC_26_8_1_2_3_6, TC_26_8_1_2_5_4, TC_26_8_1_2_9_4, TC_26_8_1_3_3_3, TC_26_8_1_3_5_5, TC_26_8_1_3_5_9, TC_26_8_1_4_3_1. | | | |
| TSPX_BscSvcD controls the test cases: TC_26_8_1_2_3_3, TC_26_8_1_2_3_7, TC_26_8_1_2_4_11, TC_26_8_1_2_5_5, TC_26_8_1_2_9_5, TC_26_8_1_3_3_2, TC_26_8_1_3_3_4, TC_26_8_1_3_5_6, TC_26_8_1_4_2_1. | | | |
| TSPX_BscSvcE controls the test cases: TC_26_8_1_2_4_1, TC_26_8_1_2_4_8, TC_26_8_1_2_4_10, TC_26_8_1_2_4_12, TC_26_8_1_2_5_6, TC_26_8_1_2_5_8, TC_26_8_1_3_3_5, TC_26_8_1_3_4_1, TC_26_8_1_3_5_8, TC_26_8_1_4_3_2. | | | |

TSPX_BscSvcF controls the test cases: TC_26_8_1_2_4_2, TC_26_8_1_2_4_9, TC_26_8_1_2_4_13, TC_26_8_1_2_5_1, TC_26_8_1_2_6_3, TC_26_8_1_2_7_4, TC_26_8_1_3_3_6, TC_26_8_1_3_4_2, TC_26_8_1_4_4_1.

TSPX_BscSvcG controls the test cases: TC_26_8_1_2_4_3, TC_26_8_1_2_5_2, TC_26_8_1_2_5_7, TC_26_8_1_2_6_4, TC_26_8_1_2_7_5, TC_26_8_1_3_3_7, TC_26_8_1_3_4_6.

TSPX_BscSvcH controls the test cases: TC_26_8_1_2_4_4, TC_26_8_1_2_6_1, TC_26_8_1_2_6_5, TC_26_8_1_2_7_1, TC_26_8_1_2_9_1, TC_26_8_1_3_4_3, TC_26_8_1_3_4_7.

TSPX_BscSvcI controls the test cases: TC_26_8_1_2_4_5, TC_26_8_1_2_6_2, TC_26_8_1_2_7_2, TC_26_8_1_2_8_3, TC_26_8_1_2_9_2, TC_26_8_1_3_4_4, TC_26_8_1_3_5_1.

TSPX_BscSvcJ controls the test cases: TC_26_8_1_2_4_6, TC_26_8_1_2_6_6, TC_26_8_1_2_7_3, TC_26_8_1_2_9_3, TC_26_8_1_3_4_5, TC_26_8_1_4_5_2.

B.7.2.4 Test Case related Parameters

B.7.2.4.1 Parameters for extended assignment test

In the extended assignment test (TC_26_1_2), the following 6 parameters are arbitrarily chosen but controllable:

- TSPX_nPara: indicates the n'th CHANNEL REQUEST after which the test system sends IMMEDIATE ASSIGNMENT EXTENDED message in first part of the test case.

- TSPX_i1Para: indicates the i'th CHANNEL REQUEST within the last 3 CHANNEL REQUEST's which are received before the IMMEDIATE ASSIGNMENT EXTENDED.

- TSPX_kPara: indicates the k'th CHANNEL REQUEST after which the test system sends IMMEDIATE ASSIGNMENT EXTENDED message in second part of the test case.

- TSPX_i2Para: indicates the i'th CHANNEL REQUEST which is not within the last 3 CHANNEL REQUEST's which are received before the IMMEDIATE ASSIGNMENT EXTENDED.

- TSPX_rPara: indicates the r'th CHANNEL REQUEST after which the test system sends IMMEDIATE ASSIGNMENT EXTENDED message in third part of the test case.

- TSPX_i3Para: indicates the i'th CHANNEL REQUEST within the last 3 CHANNEL REQUEST's which are received before the IMMEDIATE ASSIGNMENT EXTENDED.

Table 59: Parameters for Extended assignment test

| Item | Name | Type | value | allowed range |
|------|-------------|---------|-------|--|
| 1 | TSPX_nPara | INTEGER | | (1 .. 8) |
| 2 | TSPX_i1Para | INTEGER | | (max(1,TSPX_nPara-2) .. TSPX_nPara) |
| 3 | TSPX_kPara | INTEGER | | (4 .. 8) |
| 4 | TSPX_i2Para | INTEGER | | (1 .. (TSPX_kPara - 3)) |
| 5 | TSPX_rPara | INTEGER | | (4 .. 8) |
| 6 | TSPX_i3Para | INTEGER | | (TSPX_rPara - 2, TSPX_rPara - 1, TSPX_rPara) |

References: Used in the test case TC_26_1_2,

B.7.2.4.2 Parameters for assignment rejection test

In the assignment rejection test (TC_26_1_3), the following 3 parameters are arbitrarily chosen but controllable:

- TSPX_n1Para: indicates the n'th CHANNEL REQUEST after which the test system sends IMMEDIATE ASSIGNMENT EXTENDED message.

- TSPX_i4Para: indicates the i'th CHANNEL REQUEST within the last 3 CHANNEL REQUEST's which are received before the IMMEDIATE ASSIGNMENT EXTENDED.

- TSPX_xPara: indicates the value of wait indication (T3122).

Table 60: Parameters for assignment rejection test

| Item | Name | Type | value | allowed range |
|------|-------------|---------|-------|---------------------------------------|
| 1 | TSPX_n1Para | INTEGER | | (1 .. 8) |
| 2 | TSPX_i4Para | INTEGER | | (max(1,TSPX_n1Para-2) .. TSPX_n1Para) |
| 3 | TSPX_xPara | INTEGER | | (5 .. 255) |

References: Used in the test case TC_26_1_3,

B.7.2.4.3 Parameters for paging re-organization test 1

In the paging re-organization test 1 (TC_26_2_3_1), the following 3 parameters are arbitrarily chosen but controllable:

- TSPX_AGBLKS1: indicates the value of BS-AG-BLKS-RES.

- TSPX_PAMFRMS1: indicates the value of BS-PA-MFRMS.

- TSPX_PgSubch: indicates the paging subchannel.

Table 61: Parameters for paging re-organization test 1

| Item | Name | Type | value | allowed range |
|------|---------------|---------|-------|---------------|
| 1 | TSPX_AGBLKS1 | INTEGER | | (0 .. 7) |
| 2 | TSPX_PAMFRMS1 | INTEGER | | (2 .. 8) |
| 3 | TSPX_PgSubch | INTEGER | | (0 .. N) |

References: Used in the test case TC_26_2_3_1,

NOTE: The value of N in the above table = (9 - TSPX_AGBLKS1) * TSPX_PAMFRMS1 - 1

B.7.2.4.4 Parameters for paging re-organization test 2

In the paging re-organization test 2 (TC_26_2_3_2), the following 3 parameters are arbitrarily chosen but controllable:

- TSPX_AGBLKS2: indicates the value of BS-AG-BLKS-RES.

- TSPX_PAMFRMS2: indicates the value of BS-PA-MFRMS.

- TSPX_CcchConf2: indicates the configuration of CCCH channel.

Table 62: Parameters for paging re-organization test 2

| Item | Name | Type | value | allowed range |
|------|----------------|-----------|-------|--|
| 1 | TSPX_AGBLKS2 | INTEGER | | (1 .. 2) or (1 .. 7) |
| 2 | TSPX_PAMFRMS2 | INTEGER | | (2 .. 9) |
| 3 | TSPX_CcchConf2 | BITSTRING | | ('000'B, '001'B, '010'B, '100'B, '110'B) |

References: Used in the test case TC_26_2_3_2,

NOTE: The allowed range for TSPX_AGBLKS2 is (1 .. 2) if the TSPX_CcchConf2 is '001'B, otherwise is (1 .. 7).

B.7.2.4.5 Parameters for paging as before test

In the paging re-organization test 2 (TC_26_2_4), the following 3 parameters are arbitrarily chosen but controllable:

- TSPX_AGBLKS3: indicates the value of BS-AG-BLKS-RES.
- TSPX_PAMFRMS3: indicates the value of BS-PA-MFRMS.
- TSPX_CcchConf3: indicates the configuration of CCCH channel.

Table 63: Parameters for paging as before test

| Item | Name | Type | value | allowed range |
|------|----------------|-----------|-------|--|
| 1 | TSPX_AGBLKS3 | INTEGER | | (0 .. 2) or (0 .. 7) |
| 2 | TSPX_PAMFRMS3 | INTEGER | | (2 .. 9) |
| 3 | TSPX_CcchConf3 | BITSTRING | | ('000'B, '001'B, '010'B, '100'B, '110'B) |

References: Used in the test case TC_26_2_4,

NOTE: The allowed range for TSPX_AGBLKS3 is (0 .. 2) if the TSPX_CcchConf3 is '001'B, otherwise is (0 .. 7).

B.7.2.4.6 Parameters for paging multi CCCH test

In the paging re-organization test 2 (TC_26_2_5), the following 3 parameters are arbitrarily chosen but controllable:

- TSPX_AGBLKS4: indicates the value of BS-AG-BLKS-RES.
- TSPX_PAMFRMS4: indicates the value of BS-PA-MFRMS.
- TSPX_CcchConf4: indicates the configuration of CCCH channel.

Table 64: Parameters for paging multi CCCH test

| Item | Name | Type | value | allowed range |
|------|----------------|-----------|-------|--------------------------|
| 1 | TSPX_AGBLKS4 | INTEGER | | (0 .. 7) |
| 2 | TSPX_PAMFRMS4 | INTEGER | | (2 .. 9) |
| 3 | TSPX_CcchConf4 | BITSTRING | | ('010'B, '100'B, '110'B) |

References: Used in the test case TC_26_2_5,

B.7.2.4.7 Parameters for pre-synch handover no TA test

In the pre-synch handover without TA test (TC_26_6_5_5_1), it is required the BCCH of cell A is k bit periods before the BCCH of cell B. the k is arbitrarily chosen but controllable. The parameter TSPX_k1 represents the timing difference k. TSPX_k1 is in unit bit.

Table 65: Parameters for pre-synch handover no TA test

| Item | Name | Type | value |
|------|---------|---------|-------|
| 1 | TSPX_k1 | INTEGER | |

References: Used in the test case TC_26_6_5_5_1,

B.7.2.4.8 Parameters for pre-synch handover with TA test

In the pre-synch handover with TA test (TC_26_6_5_5_2), the following 2 parameters are arbitrarily chosen but controllable:

- TSPX_k: indicates the timing difference between the BCCH of cell A and cell B.
- TSPX_y: indicates the value of the timing advance IE used in cell A.

Table 66: Parameters for pre-synch handover with TA test

| Item | Name | Type | value |
|------|--------|---------|-------|
| 1 | TSPX_k | INTEGER | |
| 2 | TSPX_y | INTEGER | |

References: Used in the test case TC_26_6_5_5_2,

B.7.2.4.9 Parameters for pseudo-synch handover test

In the pseudo-synch handover test (TC_26_6_5_6), the following 2 parameters are arbitrarily chosen but controllable:

- TSPX_k2: indicates the timing difference between the BCCH of cell A and cell B.
- TSPX_y2: indicates the value of the timing advance IE used in cell A.

Table 67: Parameters for pseudo-synch handover test

| Item | Name | Type | value |
|------|---------|---------|------------|
| 1 | TSPX_k2 | INTEGER | |
| 2 | TSPX_y2 | INTEGER | (11 .. 62) |

References: Used in the test case TC_26_6_5_6,

B.7.2.4.10 Parameters for non-synch handover test

In the non-synch handover test (TC_26_6_5_7) the following 2 parameters are arbitrarily chosen but controllable:

- TSPX_k3: indicates the timing difference between the BCCH of cell A and cell B, the unit of it is bit.
- TSPX_y3: indicates the value of the timing advance IE used in cell A.

Table 68: Parameters for non-synch handover test

| Item | Name | Type | value |
|------|---------|---------|-------|
| 1 | TSPX_k3 | INTEGER | |
| 2 | TSPX_y3 | INTEGER | |

References: Used in the test case TC_26_6_5_7,

B.7.2.4.11 Parameters for TC_26_6_4_1

In TC_26_6_4_1, it is required to assign a full rate traffic channel with a channel mode supported by the MS. The parameter TSPX_ChModF specifies the compatible Channel Mode information element.

Table 69: Parameter TSPX_ChModF

| Parameter Name: TSPX_ChModF | | | |
|-----------------------------|--------------|-------------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '01100011'B | |
| mode | BITSTRING[8] | | channel mode |

References:
TSPX_ChModF is used in: TC_26_6_4_1

In TC_26_6_4_1, it is also required to assign a half rate traffic channel with a channel mode supported by the MS. The parameter TSPX_ChModH specifies the compatible Channel Mode information element. If the MS does not support half rate channel, this table is skipped.

Table 70: Parameter TSPX_ChModH

| Parameter Name: TSPX_ChModH | | | |
|--|--------------|-------------|--------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '01100011'B | |
| mode | BITSTRING[8] | | channel mode |
| References: TSPX_ChModF is used in: TC_26_6_4_1 | | | |

B.7.2.4.12 Parameters for TC_26_6_13_1

In the TC_26_6_13_1, the following parameters are arbitrary and controllable:

- The hopping parameters for SDCCH8 channel used in IMMEDIATE ASSIGNMENT message,
- The channel description for the channel used in ASSIGNMENT COMMAND message after time,
- The channel description for the channel used in ASSIGNMENT COMMAND message before time.

Table 71: Parameters for SDCCH8 of TC_26_6_13_1

| Item | Name | Type | value |
|---|------------|--------------|-------------------|
| 1 | TSPX_Ma1 | BITSTRING[8] | '0 0 0 0 _ _ _ 'B |
| 2 | TSPX_Hsn1 | BITSTRING[6] | ' _ _ _ _ _ 'B |
| 3 | TSPX_Maio1 | BITSTRING[6] | ' _ _ _ _ _ 'B |
| References: Used in the test case TC_26_6_13_1, NOTE 1: The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The three empty positions in TSPX_Ma1 represent (from left to right) 70 (850), 50 (750) and 30 (650). The TSPX_Ma1 shall include at least one frequency. NOTE 2: The TSPX_Maio1 is dependent on TSPX_Ma1. Its value is from 0 to the number of frequencies in TSPX_Ma1 - 1 | | | |

Table 72: Parameters for ASSIGNMENT after time of TC_26_6_13_1

| Item | Name | Type | value |
|------|-------------|--------------|--------------|
| 1 | TSPX_Chtp1 | BITSTRING[5] | '0_____'B |
| 2 | TSPX_ChMod1 | BITSTRING[8] | '000_____'B |
| 3 | TSPX_Ma2 | BITSTRING[8] | '0000_____'B |
| 4 | TSPX_Hsn2 | BITSTRING[6] | '_____'B |
| 5 | TSPX_Maio2 | BITSTRING[6] | '_____'B |
| 6 | TSPX_Tm1 | INTEGER | |

References: Used in the test case TC_26_6_13_1,

NOTE 1: The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma2 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma2 shall include at least one frequency. If TSPX_Ma2 includes only one frequency, the frequency shall not be BCCH carrier.

NOTE 2: The TSPX_Maio2 is dependent on TSPX_Ma2. Its value is from 0 to the number of frequencies in TSPX_Ma2 - 1.

NOTE 3: The TSPX_Chtp1 is channel type and TDMA offset (T bits indicates subchannel in binary):
- '00001'B full rate traffic channel,
- '0001T'B half rate traffic channel,
- '01TTT'B SDCCH8 channel

NOTE 4: The TSPX_ChMod1 is the channel mode:
- '00000000'B signalling only,
- '00000001'B full rate speech,
- '00000101'B half rate speech,
- '00000011'B data 12.0 kbit/s,
- '00001011'B data 6.0 kbit/s,
- '00001111'B data 6.0 kbit/s,
- '00010011'B 3.6 kbit/s,
- '00010111'B 3.6 kbit/s.
- The range of value of TSPX_Tm1 is from 60 to 100.

Table 73: Parameters for ASSIGNMENT before time of TC_26_6_13_1

| Item | Name | Type | value |
|------|------------|--------------|--------------|
| 1 | TSPX_Ma3 | BITSTRING[8] | '0000_____'B |
| 2 | TSPX_Hsn3 | BITSTRING[6] | '_____'B |
| 3 | TSPX_Maio3 | BITSTRING[6] | '_____'B |

References: Used in the test case TC_26_6_13_1,

NOTE1: The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma3 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma3 shall include at least one frequency. If TSPX_Ma3 includes only one frequency, the frequency shall not be BCCH carrier.

NOTE 2: The TSPX_Maio3 is dependent on TSPX_Ma3. Its value is from 0 to the number of frequencies in TSPX_Ma3 - 1

NOTE 3: Parameters in this table shall be different from the parameters for after time.

B.7.2.4.13 Parameters for TC_26_6_13_2

In the TC_26_6_13_2, the following parameters are arbitrary and controllable:

- The hopping parameters for SDCCH8 channel used in IMMEDIATE ASSIGNMENT message,
- The channel description for the channel used in ASSIGNMENT COMMAND message after time,

Table 74: Parameters for SDCCH8 of TC_26_6_13_2

| Item | Name | Type | value |
|------|------------|--------------|----------------------|
| 1 | TSPX_Ma4 | BITSTRING[8] | '0 0 0 0 _ _ _ _ 0'B |
| 2 | TSPX_Hsn4 | BITSTRING[6] | ' _ _ _ _ _ _ 'B |
| 3 | TSPX_Maio4 | BITSTRING[6] | ' _ _ _ _ _ _ 'B |

References: Used in the test case TC_26_6_13_2,

NOTE 1: The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The three empty positions in TSPX_Ma4 represent (from left to right) 70 (850), 50 (750) and 30 (650). The TSPX_Ma4 shall include at least one frequency.

NOTE 2: The TSPX_Maio4 is dependent on TSPX_Ma4. Its value is from 0 to the number of frequencies in TSPX_Ma4 - 1

Table 75: Parameters for ASSIGNMENT after time of TC_26_6_13_2

| Item | Name | Type | value |
|------|-------------|--------------|---------------------|
| 1 | TSPX_Chtp2 | BITSTRING[5] | '0 _ _ _ _ _ 'B |
| 2 | TSPX_ChMod2 | BITSTRING[8] | '0 0 0 _ _ _ _ _ 'B |
| 3 | TSPX_Ma5 | BITSTRING[8] | '0 0 0 0 _ _ _ _ 'B |
| 4 | TSPX_Hsn5 | BITSTRING[6] | ' _ _ _ _ _ _ 'B |
| 5 | TSPX_Maio5 | BITSTRING[6] | ' _ _ _ _ _ _ 'B |

References: Used in the test case TC_26_6_13_2,

NOTE 1: The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma5 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma5 shall include at least one frequency. If TSPX_Ma5 includes only one frequency, the frequency shall not be BCCH carrier.

NOTE 2. The TSPX_Maio5 is dependent on TSPX_Ma5. Its value is from 0 to the number of frequencies in TSPX_Ma5 - 1.

NOTE 3. The TSPX_Chtp2 is channel type and TDMA offset (T bits indicates subchannel in binary):

- '00001'B full rate traffic channel,
- '0001T'B half rate traffic channel,
- '01TTT'B SDCCH8 channel

NOTE 4. The TSPX_ChMod2 is the channel mode:

- '00000000'B signalling only,
- '00000001'B full rate speech,
- '00000101'B half rate speech,
- '00000011'B data 12.0 kbit/s,
- '00001011'B data 6.0 kbit/s,
- '00001111'B data 6.0 kbit/s,
- '00010011'B 3.6 kbit/s,
- '00010111'B 3.6 kbit/s.

B.7.2.4.14 Parameters for TC_26_6_13_3

In the TC_26_6_13_3, the following parameters are arbitrary and controllable:

- The channel description for the channel used in IMMEDIATE ASSIGNMENT message,
- The channel description for the channel used in FREQUENCY REDEFINITION message,
- The channel description for the channel used in ASSIGNMENT COMMAND message after time,
- The channel description for the channel used in ASSIGNMENT COMMAND message before time.

Table 76: Parameters for IMMEDIATE ASSIGNMENT of TC_26_6_13_3

| Item | Name | Type | value |
|------|------------|--------------|--------------|
| 1 | TSPX_Chtp3 | BITSTRING[5] | '0_____'B |
| 2 | TSPX_Ma6 | BITSTRING[8] | '0000_____'B |
| 3 | TSPX_Hsn6 | BITSTRING[6] | '_____'B |
| 4 | TSPX_Maio6 | BITSTRING[6] | '_____'B |

References: Used in the test case TC_26_6_13_3,
NOTE: 1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma6 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma6 shall include at least one frequency.
NOTE 2. The TSPX_Maio6 is dependent on TSPX_Ma6. Its value is from 0 to the number of frequencies in TSPX_Ma6 - 1

Table 77: Parameters for FREQUENCY REDEFINITION of TC_26_6_13_3

| Item | Name | Type | value |
|------|------------|--------------|--------------|
| 1 | TSPX_Ma7 | BITSTRING[8] | '0000_____'B |
| 2 | TSPX_Hsn7 | BITSTRING[6] | '_____'B |
| 3 | TSPX_Maio7 | BITSTRING[6] | '_____'B |

References: Used in the test case TC_26_6_13_3,
NOTE: 1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma7 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma7 shall include at least two frequencies.
NOTE 2. The TSPX_Maio7 is dependent on TSPX_Ma7. Its value is from 0 to the number of frequencies in TSPX_Ma7 - 1
NOTE 3. Parameters in this table shall be different from the parameters for IMMEDIATE ASSIGNMENT.

Table 78: Parameters for ASSIGNMENT after time of TC_26_6_13_3

| Item | Name | Type | value |
|------|------------|--------------|--------------|
| 1 | TSPX_Chtp4 | BITSTRING[5] | '0_____'B |
| 2 | TSPX_Ma8 | BITSTRING[8] | '0000_____'B |
| 3 | TSPX_Hsn8 | BITSTRING[6] | '_____'B |
| 4 | TSPX_Maio8 | BITSTRING[6] | '_____'B |

References: Used in the test case TC_26_6_13_3,
NOTE: 1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma8 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma8 shall include at least two frequencies.
NOTE 2. The TSPX_Maio8 is dependent on TSPX_Ma8. Its value is from 0 to the number of frequencies in TSPX_Ma8 - 1.
NOTE 3. The TSPX_Chtp4 is channel type and TDMA offset (T bits indicates subchannel in binary):
- '00001'B full rate traffic channel,
- '0001T'B half rate traffic channel,
- '01TTT'B SDCCH8 channel

Table 79: Parameters for ASSIGNMENT before time of TC_26_6_13_3

| Item | Name | Type | value |
|------|------------|--------------|---------------------|
| 1 | TSPX_Ma9 | BITSTRING[8] | '0 0 0 0 _ _ _ _ 'B |
| 2 | TSPX_Hsn9 | BITSTRING[6] | ' _ _ _ _ _ 'B |
| 3 | TSPX_Maio9 | BITSTRING[6] | ' _ _ _ _ _ 'B |

References: Used in the test case TC_26_6_13_3,
NOTE: 1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma9 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma9 shall include at least two frequencies.
2. The TSPX_Maio9 is dependent on TSPX_Ma9. Its value is from 0 to the number of frequencies in TSPX_Ma9 - 1
3. Parameters in this table shall be different from the parameters for after time.

B.7.2.4.15 Parameters for TC_26_6_13_4

In the TC_26_6_13_4, the following parameters are arbitrary and controllable:

- The channel description for the channel used in IMMEDIATE ASSIGNMENT message,
- The channel description for the channel used in FREQUENCY REDEFINITION message,
- The channel description for the channel used in ASSIGNMENT COMMAND message after time,
- The channel description for the channel used in ASSIGNMENT COMMAND message before time.

Table 80: Parameters for IMMEDIATE ASSIGNMENT of TC_26_6_13_4

| Item | Name | Type | value |
|------|-------------|--------------|---------------------|
| 1 | TSPX_Chtp5 | BITSTRING[5] | '0 _ _ _ _ 'B |
| 2 | TSPX_Ma10 | BITSTRING[8] | '0 0 0 0 _ _ _ _ 'B |
| 3 | TSPX_Hsn10 | BITSTRING[6] | ' _ _ _ _ _ 'B |
| 4 | TSPX_Maio10 | BITSTRING[6] | ' _ _ _ _ _ 'B |

References: Used in the test case TC_26_6_13_4,
NOTE: 1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma10 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma10 shall include at least one frequency. If TSPX_Ma10 includes one frequency, the frequency shall not be BCCH carrier.
2. The TSPX_Maio10 is dependent on TSPX_Ma10. Its value is from 0 to the number of frequencies in TSPX_Ma10 - 1

Table 81: Parameters for FREQUENCY REDEFINITION of TC_26_6_13_4

| Item | Name | Type | value |
|------|-------------|--------------|---------------------|
| 1 | TSPX_Ma11 | BITSTRING[8] | '0 0 0 0 _ _ _ _ 'B |
| 2 | TSPX_Hsn11 | BITSTRING[6] | ' _ _ _ _ _ 'B |
| 3 | TSPX_Maio11 | BITSTRING[6] | ' _ _ _ _ _ 'B |

References: Used in the test case TC_26_6_13_4,
NOTE: 1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma11 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma11 shall include at least two frequencies.
2. The TSPX_Maio11 is dependent on TSPX_Ma11. Its value is from 0 to the number of frequencies in TSPX_Ma11
3. Parameters in this table shall be different from the parameters for IMMEDIATE ASSIGNMENT.

Table 82: Parameters for ASSIGNMENT after time of TC_26_6_13_4

| Item | Name | Type | value |
|------|-------------|--------------|-----------------|
| 1 | TSPX_Chtp6 | BITSTRING[5] | '0 ____'B |
| 2 | TSPX_Ma12 | BITSTRING[8] | '0 0 0 0 ____'B |
| 3 | TSPX_Hsn12 | BITSTRING[6] | '_____'B |
| 4 | TSPX_Maio12 | BITSTRING[6] | '_____'B |

References: Used in the test case TC_26_6_13_4,
NOTE:

1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma12 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma12 shall include at least two frequencies.
2. The TSPX_Maio12 is dependent on TSPX_Ma12. Its value is from 0 to the number of frequencies in TSPX_Ma12 - 1.
3. The TSPX_Chtp6 is channel type and TDMA offset (T bits indicates subchannel in binary):
 - '00001'B full rate traffic channel,
 - '0001T'B half rate traffic channel,
 - '01TTT'B SDCCH8 channel

Table 83: Parameters for ASSIGNMENT before time of TC_26_6_13_4

| Item | Name | Type | value |
|------|-------------|--------------|-----------------|
| 1 | TSPX_Ma13 | BITSTRING[8] | '0 0 0 0 ____'B |
| 2 | TSPX_Hsn13 | BITSTRING[6] | '_____'B |
| 3 | TSPX_Maio13 | BITSTRING[6] | '_____'B |

References: Used in the test case TC_26_6_13_4,
NOTE:

1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma13 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma13 shall include at least two frequencies.
2. The TSPX_Maio13 is dependent on TSPX_Ma13. Its value is from 0 to the number of frequencies in TSPX_Ma13 - 1
3. Parameters in this table shall be different from the parameters for after time.

B.7.2.4.16 Parameters for TC_26_6_13_5

In the TC_26_6_13_5, the following parameters are arbitrary and controllable:

- The hopping parameters for SDCCH8 channel used in IMMEDIATE ASSIGNMENT message,
- The channel description for the channel used in HANDOVER COMMAND message after time,
- The channel description for the channel used in HANDOVER COMMAND message before time.

Table 84: Parameters for SDCCH8 of TC_26_6_13_5

| Item | Name | Type | value |
|------|-------------|--------------|-----------------|
| 1 | TSPX_Ma14 | BITSTRING[8] | '0 0 0 0 ____'B |
| 2 | TSPX_Hsn14 | BITSTRING[6] | '_____'B |
| 3 | TSPX_Maio14 | BITSTRING[6] | '_____'B |

References: Used in the test case TC_26_6_13_5,
NOTE:

1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The three empty positions in TSPX_Ma14 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma14 shall include at least one frequency.
2. The TSPX_Maio14 is dependent on TSPX_Ma14. Its value is from 0 to the number of frequencies in TSPX_Ma14 - 1

Table 85: Parameters for HANDOVER after time of TC_26_6_13_5

| Item | Name | Type | value |
|------|-------------|--------------|--------------|
| 1 | TSPX_Chtp7 | BITSTRING[5] | '0_____'B |
| 2 | TSPX_ChMod4 | BITSTRING[8] | '000_____'B |
| 3 | TSPX_Ma15 | BITSTRING[8] | '0000_____'B |
| 4 | TSPX_Hsn15 | BITSTRING[6] | '_____'B |
| 5 | TSPX_Maio15 | BITSTRING[6] | '_____'B |
| 6 | TSPX_Tm2 | INTEGER | |

References: Used in the test case TC_26_6_13_5,
NOTE:

- The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma15 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma15 shall include at least one frequency. If TSPX_Ma15 includes only one frequency, the frequency shall not be BCCH carrier.
- The TSPX_Maio15 is dependent on TSPX_Ma15. Its value is from 0 to the number of frequencies in TSPX_Ma15 - 1.
- The TSPX_Chtp7 is channel type and TDMA offset (T bits indicates subchannel in binary):
 - '00001'B full rate traffic channel,
 - '00011'B half rate traffic channel,
 - '01TTT'B SDCCH8 channel
- The TSPX_ChMod4 is the channel mode:
 - '00000000'B signalling only,
 - '00000001'B full rate speech,
 - '00000101'B half rate speech,
 - '00000011'B data 12.0 kbit/s,
 - '00001011'B data 6.0 kbit/s,
 - '00001111'B data 6.0 kbit/s,
 - '00010011'B 3.6 kbit/s,
 - '00010111'B 3.6 kbit/s.

- The range of value of TSPX_Tm2 is from 60 to 100.

Table 86: Parameters for HANDOVER before time of TC_26_6_13_5

| Item | Name | Type | value |
|------|-------------|--------------|--------------|
| 1 | TSPX_Ma16 | BITSTRING[8] | '0000_____'B |
| 2 | TSPX_Hsn16 | BITSTRING[6] | '_____'B |
| 3 | TSPX_Maio16 | BITSTRING[6] | '_____'B |

References: Used in the test case TC_26_6_13_5,
NOTE:

- The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma16 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma16 shall include at least one frequency. If TSPX_Ma16 includes only one frequency, the frequency shall not be BCCH carrier.
- The TSPX_Maio16 is dependent on TSPX_Ma16. Its value is from 0 to the number of frequencies in TSPX_Ma16 - 1
- Parameters in this table shall be different from the parameters for after time.

B.7.2.4.17 Parameters for TC_26_6_13_6

In the TC_26_6_13_6, the following parameters are arbitrary and controllable:

- The hopping parameters for SDCCH8 channel used in IMMEDIATE ASSIGNMENT message,
- The channel description for the channel used in HANDOVER COMMAND message after time,
- The channel description for the channel used in HANDOVER COMMAND message before time.

Table 87: Parameters for SDCCH8 of TC_26_6_13_6

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Ma17 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 2 | TSPX_Hsn17 | BITSTRING[6] | ' _ _ _ _ _ _'B |
| 3 | TSPX_Maio17 | BITSTRING[6] | ' _ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_6,
 NOTE: 1. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma17 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma17 shall include at least one frequency. If TSPX_Ma17 includes only one frequency, the frequency shall not be BCCH carrier.
 2. The TSPX_Maio17 is dependent on TSPX_Ma17. Its value is from 0 to the number of frequencies in TSPX_Ma17 - 1

Table 88: Parameters for HANDOVER after time of TC_26_6_13_6

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Chtp8 | BITSTRING[5] | '0 _ _ _ _'B |
| 2 | TSPX_ChMod5 | BITSTRING[8] | '0 0 0 _ _ _ _ _'B |
| 3 | TSPX_Ma18 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 4 | TSPX_Hsn18 | BITSTRING[6] | ' _ _ _ _ _ _'B |
| 5 | TSPX_Maio18 | BITSTRING[6] | ' _ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_6,
 NOTE: 11. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma18 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma18 shall include at least one frequency. If TSPX_Ma18 includes only one frequency, the frequency shall not be BCCH carrier.
 2. The TSPX_Maio18 is dependent on TSPX_Ma18. Its value is from 0 to the number of frequencies in TSPX_Ma18 - 1.
 3. The TSPX_Chtp8 is channel type and TDMA offset (T bits indicates subchannel in binary):
 - '00001'B full rate traffic channel,
 - '0001T'B half rate traffic channel,
 - '01TTT'B SDCCH8 channel
 4. The TSPX_ChMod5 is the channel mode:
 - '00000000'B signalling only,
 - '00000001'B full rate speech,
 - '00000101'B half rate speech,
 - '00000011'B data 12.0 kbit/s,
 - '00001011'B data 6.0 kbit/s,
 - '00001111'B data 6.0 kbit/s,
 - '00010011'B 3.6 kbit/s,
 - '00010111'B 3.6 kbit/s.

Table 89: Parameters for HANDOVER before time of TC_26_6_13_6

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Ma19 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 2 | TSPX_Hsn19 | BITSTRING[6] | '_ _ _ _ _ _'B |
| 3 | TSPX_Maio19 | BITSTRING[6] | '_ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_6,
NOTE: 1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma19 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma19 shall include at least one frequency. If TSPX_Ma19 includes only one frequency, the frequency shall not be BCCH carrier.
2. The TSPX_Maio19 is dependent on TSPX_Ma19. Its value is from 0 to the number of frequencies in TSPX_Ma19 - 1
3. Parameters in this table shall be different from the parameters for after time.

B.7.2.4.18 Parameters for TC_26_6_13_7

In the TC_26_6_13_7, the following parameters are arbitrary and controllable:

- The hopping parameters for the channel used in IMMEDIATE ASSIGNMENT message,
- The hopping parameters for FREQUENCY REDEFINITION message,
- The channel description for the channel used in HANDOVER COMMAND message after time,
- The channel description for the channel used in HANDOVER COMMAND message before time.

Table 90: Parameters for IMMEDIATE ASSIGNMENT of TC_26_6_13_7

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Chtp9 | BITSTRING[5] | '0 _ _ _ _'B |
| 2 | TSPX_Ma20 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 3 | TSPX_Hsn20 | BITSTRING[6] | '_ _ _ _ _ _'B |
| 4 | TSPX_Maio20 | BITSTRING[6] | '_ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_7,
NOTE: 1. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma20 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma20 shall include at least one frequency. If TSPX_Ma20 includes only one frequency, the frequency shall not be BCCH carrier.
2. The TSPX_Maio20 is dependent on TSPX_Ma20. Its value is from 0 to the number of frequencies in TSPX_Ma20 - 1

Table 91: Parameters for FREQUENCY REDEFINITION of TC_26_6_13_7

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Ma21 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 2 | TSPX_Hsn21 | BITSTRING[6] | ' _ _ _ _ _ _'B |
| 3 | TSPX_Maio21 | BITSTRING[6] | ' _ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_7,
NOTE: 1. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma21 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma21 shall include at least two frequencies.
2. The TSPX_Maio21 is dependent on TSPX_Ma21. Its value is from 0 to the number of frequencies in TSPX_Ma21 - 1.
3. Parameters in this table shall be different from the parameters in the above table.

Table 92: Parameters for HANDOVER after time of TC_26_6_13_7

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Chtp10 | BITSTRING[5] | '0 _ _ _ _'B |
| 2 | TSPX_ChMod6 | BITSTRING[8] | '0 0 0 _ _ _ _'B |
| 3 | TSPX_Ma22 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 4 | TSPX_Hsn22 | BITSTRING[6] | ' _ _ _ _ _ _'B |
| 5 | TSPX_Maio22 | BITSTRING[6] | ' _ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_7,
NOTE: 11. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma22 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma22 shall include at least one frequency. If TSPX_Ma22 includes only one frequency, the frequency shall not be BCCH carrier.
2. The TSPX_Maio22 is dependent on TSPX_Ma22. Its value is from 0 to the number of frequencies in TSPX_Ma22 - 1.
3. The TSPX_Chtp10 is channel type and TDMA offset (T bits indicates subchannel in binary):
- '00001'B full rate traffic channel,
- '0001T'B half rate traffic channel,
- '01TTT'B SDCCH8 channel
4. The TSPX_ChMod6 is the channel mode:
- '00000000'B signalling only,
- '00000001'B full rate speech,
- '00000101'B half rate speech,
- '00000011'B data 12.0 kbit/s,
- '00001011'B data 6.0 kbit/s,
- '00001111'B data 6.0 kbit/s,
- '00010011'B 3.6 kbit/s,
- '00010111'B 3.6 kbit/s.

Table 93: Parameters for HANDOVER before time of TC_26_6_13_7

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Ma23 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 2 | TSPX_Hsn23 | BITSTRING[6] | '_ _ _ _ _ _'B |
| 3 | TSPX_Maio23 | BITSTRING[6] | '_ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_7,
NOTE: 1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma23 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma23 shall include at least one frequency. If TSPX_Ma23 includes only one frequency, the frequency shall not be BCCH carrier.
2. The TSPX_Maio23 is dependent on TSPX_Ma23. Its value is from 0 to the number of frequencies in TSPX_Ma23 - 1
3. Parameters in this table shall be different from the parameters for after time.

B.7.2.4.19 Parameters for TC_26_6_13_8

In the TC_26_6_13_8, the following parameters are arbitrary and controllable:

- The hopping parameters for the channel used in IMMEDIATE ASSIGNMENT message,
- The hopping parameters for FREQUENCY REDEFINITION message,
- The channel description for the channel used in HANDOVER COMMAND message after time,
- The channel description for the channel used in HANDOVER COMMAND message before time.

Table 94: Parameters for IMMEDIATE ASSIGNMENT of TC_26_6_13_8

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Chtp11 | BITSTRING[5] | '0 _ _ _ _'B |
| 2 | TSPX_Ma24 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 3 | TSPX_Hsn24 | BITSTRING[6] | '_ _ _ _ _ _'B |
| 4 | TSPX_Maio24 | BITSTRING[6] | '_ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_8,
NOTE: 1. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma24 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma24 shall include at least one frequency. If TSPX_Ma24 includes only one frequency, the frequency shall not be BCCH carrier.
2. The TSPX_Maio24 is dependent on TSPX_Ma24. Its value is from 0 to the number of frequencies in TSPX_Ma24 - 1

Table 95: Parameters for FREQUENCY REDEFINITION of TC_26_6_13_8

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Ma25 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 2 | TSPX_Hsn25 | BITSTRING[6] | ' _ _ _ _ _ _'B |
| 3 | TSPX_Maio25 | BITSTRING[6] | ' _ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_8,
NOTE:

1. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma25 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma25 shall include at least two frequencies.
2. The TSPX_Maio25 is dependent on TSPX_Ma25. Its value is from 0 to the number of frequencies in TSPX_Ma25 - 1.
3. Parameters in this table shall be different from the parameters in the above table.

Table 96: Parameters for HANDOVER after time of TC_26_6_13_8

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Chtp12 | BITSTRING[5] | '0 _ _ _ _'B |
| 2 | TSPX_ChMod7 | BITSTRING[8] | '0 0 0 _ _ _ _ _'B |
| 3 | TSPX_Ma26 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 4 | TSPX_Hsn26 | BITSTRING[6] | ' _ _ _ _ _ _'B |
| 5 | TSPX_Maio26 | BITSTRING[6] | ' _ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_8,
NOTE:

1. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma26 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma26 shall include at least one frequency. If TSPX_Ma26 includes only one frequency, the frequency shall not be BCCH carrier.
2. The TSPX_Maio26 is dependent on TSPX_Ma26. Its value is from 0 to the number of frequencies in TSPX_Ma26 - 1.
3. The TSPX_Chtp12 is channel type and TDMA offset (T bits indicates subchannel in binary):
 - '00001'B full rate traffic channel,
 - '0001T'B half rate traffic channel,
 - '01TTT'B SDCCH8 channel
4. The TSPX_ChMod7 is the channel mode:
 - '00000000'B signalling only,
 - '00000001'B full rate speech,
 - '00000101'B half rate speech,
 - '00000011'B data 12.0 kbit/s,
 - '00001011'B data 6.0 kbit/s,
 - '00001111'B data 6.0 kbit/s,
 - '00010011'B 3.6 kbit/s,
 - '00010111'B 3.6 kbit/s.

Table 97: Parameters for HANDOVER before time of TC_26_6_13_8

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Ma27 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 2 | TSPX_Hsn27 | BITSTRING[6] | ' _ _ _ _ _ _'B |
| 3 | TSPX_Maio27 | BITSTRING[6] | ' _ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_8,

- NOTE:
1. The cell allocation is ARFCNs 20, 30, 50, 70 for GSM and ARFCNs 590, 650, 750, 850 for DCS. ARFCNs 20 and 590 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma27 represent (from left to right) 70 (850), 50 (750), 30 (650) and 20 (590). The TSPX_Ma27 shall include at least one frequency. If TSPX_Ma27 includes only one frequency, the frequency shall not be BCCH carrier.
 2. The TSPX_Maio27 is dependent on TSPX_Ma27. Its value is from 0 to the number of frequencies in TSPX_Ma27 - 1
 3. Parameters in this table shall be different from the parameters for after time.

B.7.2.4.20 Parameters for TC_26_6_13_9

In the TC_26_6_13_9, the following parameters are arbitrary and controllable:

- The hopping parameters for the channel used in IMMEDIATE ASSIGNMENT message after time,
- The hopping parameters for the channel used in IMMEDIATE ASSIGNMENT message before time,

Table 98: Parameters for IMMEDIATE ASSIGNMENT after time of TC_26_6_13_9

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Chtp13 | BITSTRING[5] | '0 _ _ _ _'B |
| 2 | TSPX_Ma28 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 3 | TSPX_Hsn28 | BITSTRING[6] | ' _ _ _ _ _ _'B |
| 4 | TSPX_Maio28 | BITSTRING[6] | ' _ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_9,

- NOTE:
1. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma28 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma28 shall include at least one frequency. If TSPX_Ma28 includes only one frequency, the frequency shall not be BCCH carrier.
 2. The TSPX_Maio28 is dependent on TSPX_Ma28. Its value is from 0 to the number of frequencies in TSPX_Ma28 - 1

Table 99: Parameters for IMMEDIATE ASSIGNMENT before time of TC_26_6_13_9

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Ma29 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 2 | TSPX_Tm3 | INTEGER | |
| 3 | TSPX_Maio29 | BITSTRING[6] | ' _ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_9,
NOTE:

1. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma29 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma29 shall include at least one frequency. If only one frequency to be used, the frequency shall be different from the BCCH carrier.
2. The TSPX_Maio29 is dependent on TSPX_Ma29. Its value is from 0 to the number of frequencies in TSPX_Ma29 - 1.
3. The value range of TSPX_Tm3 is 60 to 100.
4. Parameters in this table shall be different from the parameters in the above table.

B.7.2.4.21 Parameters for TC_26_6_13_10

In the TC_26_6_13_10, the following parameters are arbitrary and controllable:

- The hopping parameters for the channel used in IMMEDIATE ASSIGNMENT message after time,
- The hopping parameters for the channel used in IMMEDIATE ASSIGNMENT message before time,

Table 100: Parameters for IMMEDIATE ASSIGNMENT after time of TC_26_6_13_10

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Chtp14 | BITSTRING[5] | '0 _ _ _ _'B |
| 2 | TSPX_Ma30 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 3 | TSPX_Hsn30 | BITSTRING[6] | ' _ _ _ _ _ _'B |
| 4 | TSPX_Maio30 | BITSTRING[6] | ' _ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_10,
NOTE:

1. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma30 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma30 shall include at least one frequency. If TSPX_Ma30 includes only one frequency, the frequency shall not be BCCH carrier.
2. The TSPX_Maio30 is dependent on TSPX_Ma30. Its value is from 0 to the number of frequencies in TSPX_Ma30 - 1

Table 101: Parameters for IMMEDIATE ASSIGNMENT before time of TC_26_6_13_10

| Item | Name | Type | value |
|------|-------------|--------------|--------------------|
| 1 | TSPX_Ma31 | BITSTRING[8] | '0 0 0 0 _ _ _ _'B |
| 2 | TSPX_Maio31 | BITSTRING[6] | ' _ _ _ _ _ _'B |

References: Used in the test case TC_26_6_13_10,
NOTE:

1. The cell allocation is ARFCNs 10, 80, 100, 120 for GSM and ARFCNs 520, 600, 700, 870 for DCS. ARFCNs 10 and 520 are the BCCH frequency for GSM and DCS respectively. The four empty positions in TSPX_Ma31 represent (from left to right) 120 (870), 100 (700), 80 (600) and 10 (520). The TSPX_Ma31 shall include at least one frequency. If only one frequency to be used, the frequency shall be different from the BCCH carrier.
2. The TSPX_Maio31 is dependent on TSPX_Ma31. Its value is from 0 to the number of frequencies in TSPX_Ma31 - 1.
3. Parameters in this table shall be different from the parameters in the above table.

B.7.2.5 Parameters for Setup message

The following tables are used by the test laboratory to control the setup message used in testing. they shall be filled by the test lab according to the ICS answers from the mobile station manufacturer.

For each basic service, there are three setup messages: TSPX_Setup????_1, TSPX_Setup????_2 and TSPX_Setup????_3.

- If the MS under test supports that basic service, TSPX_Setup????_1 shall be filled. If the MS supports more than one bearer capabilities, the TSPX_????more shall be filled with TRUE and TSPX_Setup????_2 shall also be filled. Parameters in TSPX_Setup????_2 shall be different from TSPX_Setup????_1 as many as possible. The TSPX_Setup????_3 is skipped.

- If the MS does not support the basic service, TSPX_Setup????_1 and TSPX_Setup????_2 are skipped. TSPX_Setup????_3 shall be filled with values which are arbitrarily selected among those defined in GSM07.01 Annex B for the basic service.

B.7.2.5.1 Telephony

Table 102: Parameter TSPX_SetupTS11_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 103: Parameter TSPX_TS11more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_TS11more | BOOLEAN | | |

Table 104: Parameter TSPX_SetupTS11_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 105: Parameter TSPX_SetupTS11_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.2 Alternate Speech and G3 Fax

Table 106: Parameter TSPX_SetupTS61_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 107: Parameter TSPX_TS61more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_TS61more | BOOLEAN | | |

Table 108: Parameter TSPX_SetupTS61_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 109: Parameter TSPX_SetupTS61_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.3 Automatic G3 fax

Table 110: Parameter TSPX_SetupTS62_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 111: Parameter TSPX_TS62more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_TS62more | BOOLEAN | | |

Table 112: Parameter TSPX_SetupTS62_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmpp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 113: Parameter TSPX_SetupTS62_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.4 Data circuit duplex async. 300 bit/s

Table 114: Parameter TSPX_SetupBS21_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 115: Parameter TSPX_BS21more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS21more | BOOLEAN | | |

Table 116: Parameter TSPX_SetupBS21_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 117: Parameter TSPX_SetupBS21_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmpp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.5 Data circuit duplex async. 1200 bit/s

Table 118: Parameter TSPX_SetupBS22_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 119: Parameter TSPX_BS22more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS22more | BOOLEAN | | |

Table 120: Parameter TSPX_SetupBS22_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmpp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 121: Parameter TSPX_SetupBS22_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.6 Data circuit duplex async. 1200/75 bit/s

Table 122: Parameter TSPX_SetupBS23_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 123: Parameter TSPX_BS23more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS23more | BOOLEAN | | |

Table 124: Parameter TSPX_SetupBS23_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 125: Parameter TSPX_SetupBS23_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.7 Data circuit duplex async. 2400 bit/s

Table 126: Parameter TSPX_SetupBS24_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 127: Parameter TSPX_BS24more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS24more | BOOLEAN | | |

Table 128: Parameter TSPX_SetupBS24_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmpp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 129: Parameter TSPX_SetupBS24_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.8 Data circuit duplex async. 4800 bit/s

Table 130: Parameter TSPX_SetupBS25_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 131: Parameter TSPX_BS25more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS25more | BOOLEAN | | |

Table 132: Parameter TSPX_SetupBS25_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 133: Parameter TSPX_SetupBS25_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.9 Data circuit duplex async. 9600 bit/s

Table 134: Parameter TSPX_SetupBS26_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 135: Parameter TSPX_BS26more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS26more | BOOLEAN | | |

Table 136: Parameter TSPX_SetupBS26_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmpp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 137: Parameter TSPX_SetupBS26_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.10 Data circuit duplex sync. 1200 bit/s

Table 138: Parameter TSPX_SetupBS31_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 139: Parameter TSPX_BS31more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS31more | BOOLEAN | | |

Table 140: Parameter TSPX_SetupBS31_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 141: Parameter TSPX_SetupBS31_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.11 Data circuit duplex sync. 2400 bit/s

Table 142: Parameter TSPX_SetupBS32_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 143: Parameter TSPX_BS32more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS32more | BOOLEAN | | |

Table 144: Parameter TSPX_SetupBS32_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 145: Parameter TSPX_SetupBS32_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.12 Data circuit duplex sync. 4800 bit/s

Table 146: Parameter TSPX_SetupBS33_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 147: Parameter TSPX_BS33more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS33more | BOOLEAN | | |

Table 148: Parameter TSPX_SetupBS33_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 149: Parameter TSPX_SetupBS33_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.13 Data circuit duplex sync. 9600 bit/s

Table 150: Parameter TSPX_SetupBS34_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 151: Parameter TSPX_BS34more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS34more | BOOLEAN | | |

Table 152: Parameter TSPX_SetupBS34_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 153: Parameter TSPX_SetupBS34_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.14 PAD Access 300 bit/s

Table 154: Parameter TSPX_SetupBS41_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 155: Parameter TSPX_BS41more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS41more | BOOLEAN | | |

Table 156: Parameter TSPX_SetupBS41_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 157: Parameter TSPX_SetupBS41_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

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Table 158: Parameter TSPX_SetupBS42_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 159: Parameter TSPX_BS42more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS42more | BOOLEAN | | |

Table 160: Parameter TSPX_SetupBS42_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 161: Parameter TSPX_SetupBS42_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.16 PAD Access 1200/75 bit/s

Table 162: Parameter TSPX_SetupBS43_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 163: Parameter TSPX_BS43more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS43more | BOOLEAN | | |

Table 164: Parameter TSPX_SetupBS43_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 165: Parameter TSPX_SetupBS43_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.17 PAD Access 2400 bit/s

Table 166: Parameter TSPX_SetupBS44_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 167: Parameter TSPX_BS44more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS44more | BOOLEAN | | |

Table 168: Parameter TSPX_SetupBS44_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 169: Parameter TSPX_SetupBS44_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.18 PAD Access 4800 bit/s

Table 170: Parameter TSPX_SetupBS45_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 171: Parameter TSPX_BS45more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS45more | BOOLEAN | | |

Table 172: Parameter TSPX_SetupBS45_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 173: Parameter TSPX_SetupBS45_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.19 PAD Access 9600 bit/s

Table 174: Parameter TSPX_SetupBS46_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 175: Parameter TSPX_BS46more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS46more | BOOLEAN | | |

Table 176: Parameter TSPX_SetupBS46_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 177: Parameter TSPX_SetupBS46_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.20 Packet Access 2400 bit/s

Table 178: Parameter TSPX_SetupBS51_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 179: Parameter TSPX_BS51more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS51more | BOOLEAN | | |

Table 180: Parameter TSPX_SetupBS51_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 181: Parameter TSPX_SetupBS51_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.21 Packet Access 4800 bit/s

Table 182: Parameter TSPX_SetupBS52_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 183: Parameter TSPX_BS52more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS52more | BOOLEAN | | |

Table 184: Parameter TSPX_SetupBS52_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmpp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 185: Parameter TSPX_SetupBS52_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.22 Packet Access 9600 bit/s

Table 186: Parameter TSPX_SetupBS53_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 187: Parameter TSPX_BS53more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS53more | BOOLEAN | | |

Table 188: Parameter TSPX_SetupBS53_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 189: Parameter TSPX_SetupBS53_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmpp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.23 Alternate Speech/Data

Table 190: Parameter TSPX_SetupBS61_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 191: Parameter TSPX_BS61more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS61more | BOOLEAN | | |

Table 192: Parameter TSPX_SetupBS61_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 193: Parameter TSPX_SetupBS61_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.5.24 Speech Followed by Data

Table 194: Parameter TSPX_SetupBS81_1

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |

| | | | |
|----------|--------------------|-------------|--|
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |

| | | | |
|----------|----------------|-------------|---|
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 195: Parameter TSPX_BS81more

| Name | Type | Value | Comments |
|---------------|---------|-------|----------|
| TSPX_BS81more | BOOLEAN | | |

Table 196: Parameter TSPX_SetupBS81_2

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

Table 197: Parameter TSPX_SetupBS81_3

| Field | Type | Value | Comments |
|----------|----------------|----------------|---|
| ti | BITSTRING[4] | '0000'B | |
| pd | BITSTRING[4] | '0011'B | |
| mt | BITSTRING[8] | '00000101'B | |
| omitted? | | | BC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| bcri | BITSTRING[8] | '1101_ _ _ _'B | |
| omitted? | | | Bearer capability 1. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplxm | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | Bearer capability 2. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '00000100'B | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | | extension bit |
| rchr | BITSTRING[2] | '00'B | spare bit in the direction n -> ms |
| cs | BITSTRING[1] | | coding standard |
| tm | BITSTRING[1] | | transfer mode |
| itc | BITSTRING[3] | | information transfer capability |

| | | | |
|----------|--------------------|-------------|--|
| extb4 | BITSTRING[1] | | extension bit |
| spb | BITSTRING[1] | '0'B | spare bit |
| strc | BITSTRING[1] | | structure |
| dplx | BITSTRING[2] | | duplex mode |
| config | BITSTRING[1] | | configuration |
| nirr | BITSTRING[1] | | negotiation of intermediate rate requested |
| est | BITSTRING[1] | | establishment |
| extb5 | BITSTRING[1] | | extension bit |
| accid | BITSTRING[2] | | access identify |
| ra | BITSTRING[2] | | rate adaption |
| sacp | BITSTRING[3] | | signalling access protocol |
| extb6 | BITSTRING[1] | | extension bit |
| l1id | BITSTRING[2] | | L1 identity |
| uil1 | BITSTRING[4] | | user information L 1 protocol |
| sb | BITSTRING[1] | | synchronous bit |
| extb6a | BITSTRING[1] | | extension bit |
| nsb | BITSTRING[1] | | number of stop bits |
| nb | BITSTRING[1] | | negotiation bit |
| ndb | BITSTRING[1] | | number of data bits |
| ur | BITSTRING[4] | | user rate |
| extb6b | BITSTRING[1] | | extension bit |
| ir | BITSTRING[2] | | intermediate rate |
| nictx | BITSTRING[1] | | network independent clock on transmission |
| nicrx | BITSTRING[1] | | network independent clock on reception |
| pi | BITSTRING[3] | | parity information |
| extb6c | BITSTRING[1] | | extension bit |
| ce | BITSTRING[2] | | connection element |
| modemt | BITSTRING[5] | | modem type |
| extb7 | BITSTRING[1] | | extension bit |
| l2id | BITSTRING[2] | | L2 identity |
| uil2 | BITSTRING[5] | | user information L2 protocol |
| omitted? | | | LLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| llcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | low layer compatibility I. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | low layer compatibility II. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111100'B | |
| iel | OCTETSTRING[1] | | |
| contents | OCTETSTRING[1..13] | | |
| omitted? | | | HLC repeat indicator. If the answer is OMIT the IE is omitted in the message |
| hlcri | BITSTRING[8] | '1101____'B | |
| omitted? | | | high layer compatibility i. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |

| | | | |
|----------|----------------|-------------|---|
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |
| omitted? | | | high layer compatibility ii. If the answer is OMIT the IE is omitted in the message |
| iei | BITSTRING[8] | '01111101'B | |
| iel | OCTETSTRING[1] | | length of the element |
| extb3 | BITSTRING[1] | '1'B | |
| cs | BITSTRING[2] | | coding standard |
| in | BITSTRING[3] | | interpretation |
| pmp | BITSTRING[2] | | presentation method of protocol |
| extb4 | BITSTRING[1] | '1'B | |
| hlci | BITSTRING[7] | | high layer characteristic identification |
| extb4a | BITSTRING[1] | | |
| ehlci | BITSTRING[7] | | extended high layer characteristic identification |

B.7.2.6 Other Parameters

B.7.2.6.1 Parameter TSPX_MAIO

This parameter is used in handover test cases of RR test group.

Table 198: Parameter TSPX_MAIO

| Parameter Name: TSPX_MAIO | | |
|--|--------------|----------|
| Type | Value | Comments |
| BITSTRING[6] | '_ _ _ _ _'B | |
| References: | | |
| TSPX_MAIO is used in: TC_26_6_5_1_2, TC_26_6_5_1_3, TC_26_6_5_1_4, TC_26_6_5_1_5, TC_26_6_5_1_6, TC_26_6_5_1_7, TC_26_6_5_1_8, TC_26_6_5_2_1, TC_26_6_5_2_2, TC_26_6_5_2_3, TC_26_6_5_2_4, TC_26_6_5_2_6, TC_26_6_5_2_7, TC_26_6_5_2_8, TC_26_6_5_2_9, TC_26_6_5_2_10, TC_26_6_5_3_1, TC_26_6_5_4_1, TC_26_6_5_4_2, TC_26_6_5_4_3. | | |

B.7.2.6.2 Parameter TSPX_Cause

In TC_26_8_1_3_4_8, it is required to check the MS behaviour of receiving a RELEASE COMPLETE message containing a valid cause value selected arbitrarily but controllable. The parameter TSPX_Cause specifies such cause IE.

Table 199: Parameter TSPX_Cause

| Parameter Name: TSPX_Cause | | | |
|---|--------------------|-------------|-----------------------------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '00001000'B | |
| iel | OCTETSTRING[1] | '02'O | length of the IE in unit of OCTET |
| extb3 | BITSTRING[1] | '1'B | no extension |
| cs | BITSTRING[2] | '11'B | standard coding |
| spb | BITSTRING[1] | '0'B | spare bit |
| location | BITSTRING[4] | | location |
| extb3a | BITSTRING[1] | OMIT | extension bit |
| rec | BITSTRING[7] | OMIT | recommendation |
| extb4 | BITSTRING[1] | '1'B | extension bit |
| cau_class | BITSTRING[3] | | cause class |
| cau_va | BITSTRING[4] | | cause value |
| cau_di | OCTETSTRING[1..28] | OMIT | diagnostic |
| References: | | | |
| TSPX_Cause is used in: TC_26_8_1_3_4_8, | | | |

B.7.2.6.3 Parameters for Ciphering Key Sequence Number

The parameters TSPX_CKSN's represent the CKSN. The item 1 to item 7 are used in test cases where the CKSN are arbitrarily selected but controllable. The parameters can be any valid values but they shall be different from each other. Item 7 is the default CKSN used in the test cases where the CKSN is not specifically indicated, and used in all CC test cases. The default ciphering key sequence number (TSPX_CKSNDef) will be stored in the test SIM card together with the corresponding default ciphering key (Kc).

Table 200: Parameters for CKSN

| Item | Name | Type | Value |
|--|--------------|--------------|-------|
| 1 | TSPX_CKSNA | BITSTRING[3] | |
| 2 | TSPX_CKSNB | BITSTRING[3] | |
| 3 | TSPX_CKSNC | BITSTRING[3] | |
| 4 | TSPX_CKSND | BITSTRING[3] | |
| 5 | TSPX_CKSNE | BITSTRING[3] | |
| 6 | TSPX_CKSNF | BITSTRING[3] | |
| 7 | TSPX_CKSNDef | BITSTRING[3] | |
| References: | | | |
| TSPX_CKSNA is used in: TC_26_7_4_3_3, TC_26_8_2_1. | | | |
| TSPX_CKSNB is used in: TC_26_7_2_1, TC_26_7_2_2, TC_26_8_4. | | | |
| TSPX_CKSNC is used in: TC_26_8_4, | | | |
| TSPX_CKSND is used in: No at this moment. | | | |
| TSPX_CKSNE is used in: No at this moment. | | | |
| TSPX_CKSNF is used in: No at this moment. | | | |
| TSPX_CKSNDef is used in: All other test cases except cases listed above. | | | |

B.7.2.6.4 Parameter TSPX_Txint

In test case TC_26_2_1_2, it is required to use a arbitrarily selected but controllable value for Tx-Integer. The parameters TSPX_Txint is the value of the Tx-Integer. The value shall be in the set {6, 7, 8, 9, 10, 11, 12, 14, 16, 20, 25, 32, 50}.

Table 201: Parameter TSPX_Txint

| | |
|---|------------|
| Parameter Name | TSPX_Txint |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_Txint is used in: TC_26_2_1_2 | |

B.7.2.6.5 Parameter TSPX_MaxRetrans

In test case TC_26_2_1_2, it is required to use a arbitrarily selected but controllable value for Max-Retrans. The parameters TSPX_MaxRetrans is the value of the Max-Retrans. The value shall be in the set {1, 2, 4, 7}.

Table 202: Parameter TSPX_MaxRetrans

| | |
|---|-----------------|
| Parameter Name | TSPX_MaxRetrans |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_Txint is used in: TC_26_2_1_2, TC_26_7_4_3_1. | |

B.7.2.6.6 Parameters for Handover reference

The parameters TSPX_horf's represent the handover reference. They are used in test cases where the handover references are arbitrarily selected but controllable. The parameters can have any valid values but they shall be different from each other.

Table 203: Parameters for Handover reference

| Item | Name | Type | Value |
|------|------------|--------------|-------|
| 1 | TSPX_horfA | BITSTRING[8] | |
| 2 | TSPX_horfB | BITSTRING[8] | |
| 8 | TSPX_horfC | BITSTRING[8] | |
| 4 | TSPX_horfD | BITSTRING[8] | |
| 5 | TSPX_horfE | BITSTRING[8] | |
| 6 | TSPX_horfF | BITSTRING[8] | |
| 7 | TSPX_horfG | BITSTRING[8] | |
| 8 | TSPX_horfH | BITSTRING[8] | |
| 9 | TSPX_horfI | BITSTRING[8] | |
| 10 | TSPX_horfJ | BITSTRING[8] | |

References:

TSPX_horfA is used in: TC_26_6_5_1_1, TC_26_6_5_2_1, TC_26_6_5_3_1, TC_26_6_5_4_1, TC_26_6_5_4_3, TC_26_6_8_4, TC_26_8_1_4_3_1.

TSPX_horfB is used in: TC_26_6_5_1_2, TC_26_6_5_2_2, TC_26_6_5_3_2, TC_26_6_5_4_2, TC_26_6_5_7, TC_26_8_1_4_3_2.

TSPX_horfC is used in: TC_26_6_5_1_3, TC_26_6_5_2_3, TC_26_6_5_8, TC_26_6_5_9.

TSPX_horfD is used in: TC_26_6_5_1_4, TC_26_6_5_2_4, TC_26_6_5_4_4, TC_26_6_5_5_1, TC_26_6_5_5_2, TC_26_6_5_6, TC_26_6_5_7, TC_26_6_5_8, TC_26_6_5_9.

TSPX_horfE is used in: TC_26_6_5_1_5, TC_26_6_5_2_5.

TSPX_horfF is used in: TC_26_6_5_1_6, TC_26_6_5_2_6, TC_26_6_5_5_2.

TSPX_horfG is used in: TC_26_6_5_1_7, TC_26_6_5_2_7.

TSPX_horfH is used in: TC_26_6_5_1_8, TC_26_6_5_2_8, TC_26_6_5_6.

TSPX_horfI is used in: TC_26_6_5_2_9.

TSPX_horfJ is used in: TC_26_6_5_2_10.

B.7.2.6.7 Parameters for the number of Handover accesses

The parameters TSPX_hoaccess's represent the number of handover accesses occurred in an asynchronous handover. They are used in test cases where the number of handover accesses are arbitrarily selected but controllable. The parameters can have any values between 5 and 15 but they shall be different from each other.

Table 204: Parameters for Handover access

| Item | Name | Type | Value |
|------|----------------|---------|-------|
| 1 | TSPX_hoaccessA | INTEGER | |
| 2 | TSPX_hoaccessB | INTEGER | |
| 8 | TSPX_hoaccessC | INTEGER | |
| 4 | TSPX_hoaccessD | INTEGER | |
| 5 | TSPX_hoaccessE | INTEGER | |
| 6 | TSPX_hoaccessF | INTEGER | |
| 7 | TSPX_hoaccessG | INTEGER | |
| 8 | TSPX_hoaccessH | INTEGER | |
| 9 | TSPX_hoaccessI | INTEGER | |
| 10 | TSPX_hoaccessJ | INTEGER | |

References:

TSPX_hoaccessA is used in: TC_26_6_5_1_1, TC_26_6_5_2_1, TC_26_6_5_4_1.
TSPX_hoaccessB is used in: TC_26_6_5_1_2, TC_26_6_5_2_2.
TSPX_hoaccessC is used in: TC_26_6_5_1_3, TC_26_6_5_2_3.
TSPX_hoaccessD is used in: TC_26_6_5_1_4, TC_26_6_5_2_4.
TSPX_hoaccessE is used in: TC_26_6_5_1_5, TC_26_6_5_2_5.
TSPX_hoaccessF is used in: TC_26_6_5_1_6, TC_26_6_5_2_6.
TSPX_hoaccessG is used in: TC_26_6_5_1_7, TC_26_6_5_2_7.
TSPX_hoaccessH is used in: TC_26_6_5_1_8, TC_26_6_5_2_8.
TSPX_hoaccessI is used in: TC_26_6_5_2_9.
TSPX_hoaccessJ is used in: TC_26_6_5_2_10.

B.7.2.6.8 Parameter TSPX_HSN

In handover test cases, it is required to use a arbitrarily selected but controllable value for hopping sequence number. The parameters TSPX_HSN is the value of the hopping sequence number. The value shall be 0 - 63.

Table 205: Parameter TSPX_HSN

| | |
|-----------------|--------------|
| Parameter Name | TSPX_HSN |
| Parameter Type | BITSTRING[6] |
| Parameter Value | '_____'B |

References:

TSPX_HSN is used in: TC_26_6_5_1_2, TC_26_6_5_1_3, TC_26_6_5_1_4, TC_26_6_5_1_5, TC_26_6_5_1_6, TC_26_6_5_1_7, TC_26_6_5_1_8, TC_26_6_5_2_1, TC_26_6_5_2_2, TC_26_6_5_2_3, TC_26_6_5_2_4, TC_26_6_5_2_5, TC_26_6_5_2_6, TC_26_6_5_2_7, TC_26_6_5_2_8, TC_26_6_5_2_9, TC_26_6_5_2_10, TC_26_6_5_3_1, TC_26_6_5_3_2, TC_26_6_5_4_1, TC_26_6_5_4_2, TC_26_6_5_4_3, TC_26_6_5_4_4.

B.7.2.6.9 Parameters for RAND

The parameters TSPX_RAND's represent the values of the RAND. These parameters can have any valid values but they shall be different from each other. The item 1 to item 4 are used in test cases where the RAND are arbitrarily selected but controllable. Item 5 is the default RAND used in the test cases where the RAND is not specifically indicated, and used in all CC test cases. The default challenge RAND (TSPX_RANDDef) is used to generate the default ciphering key (Kc) which, together with the default ciphering key sequence number (TSPX_CKSNDf), shall be stored in the test SIM card.

Table 208: Parameter TSPX_y

| | |
|--|---------|
| Parameter Name | TSPX_y |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_y is used in: test case TC_26_6_5_5_2. | |

B.7.2.6.12 Parameter TSPX_Ki

Parameter TSPX_Ki is used as the default authentication key which value will be stored in the test SIM card or the SIM simulator and used by the tester to generate ciphering key Kc. The TSPX_Ki shall have a non-zero value

Table 209: Parameter TSPX_Ki

| | |
|---|-------------------------------------|
| Parameter Name | TSPX_Ki |
| Parameter Type | BITSTRING[128] |
| Parameter Value | '----- ----- ----- -----'B |
| Remarks: this parameter is used in all test cases. | |

B.7.2.6.13 Parameters for Channel Type (full or half rate) of CC test

For some CC test, it is required that the selection of full rate or half rate channel is arbitrary but controllable. Parameters TSPX_ChRate's is for this purpose. The value of TSPX_ChRate is "F" for full rate channel or "H" for half rate channel.

Table 210: Parameter TSPX_ChRate's

| Item | Name | Type | Value |
|------|--------------|-----------|-------|
| 1 | TSPX_ChRateA | IA5String | |
| 2 | TSPX_ChRateB | IA5String | |
| 3 | TSPX_ChRateC | IA5String | |
| 4 | TSPX_ChRateD | IA5String | |
| 5 | TSPX_ChRateE | IA5String | |
| 6 | TSPX_ChRateF | IA5String | |
| 7 | TSPX_ChRateG | IA5String | |
| 8 | TSPX_ChRateH | IA5String | |
| 9 | TSPX_ChRateI | IA5String | |
| 10 | TSPX_ChRateJ | IA5String | |

References:

TSPX_ChRateA is used in : TC_26_8_1_2_2_1, TC_26_8_1_2_3_4, TC_26_8_1_2_4_7, TC_26_8_1_2_8_1, TC_26_8_1_2_8_4, TC_26_8_1_3_3_2, TC_26_8_1_3_5_5.

TSPX_ChRateB is used in : TC_26_8_1_2_2_2, TC_26_8_1_2_3_1, TC_26_8_1_2_3_5, TC_26_8_1_2_5_3, TC_26_8_1_2_8_2, TC_26_8_1_3_5_6.

TSPX_ChRateC is used in : TC_26_8_1_2_2_3, TC_26_8_1_2_3_2, TC_26_8_1_2_3_6, TC_26_8_1_2_5_4, TC_26_8_1_2_9_4, TC_26_8_1_3_4_1, TC_26_8_1_3_5_8.

TSPX_ChRateD is used in : TC_26_8_1_2_3_3, TC_26_8_1_2_3_7, TC_26_8_1_2_4_11, TC_26_8_1_2_5_5, TC_26_8_1_2_9_5, TC_26_8_1_3_4_2.

TSPX_ChRateE is used in : TC_26_8_1_2_4_1, TC_26_8_1_2_4_8, TC_26_8_1_2_4_10, TC_26_8_1_2_4_12, TC_26_8_1_2_5_6, TC_26_8_1_2_5_8, TC_26_8_1_3_4_6.

TSPX_ChRateF is used in : TC_26_8_1_2_4_2, TC_26_8_1_2_4_9, TC_26_8_1_2_4_13, TC_26_8_1_2_5_1, TC_26_8_1_2_6_3, TC_26_8_1_2_7_4, TC_26_8_1_3_4_7.

TSPX_ChRateG is used in : TC_26_8_1_2_4_3, TC_26_8_1_2_5_2, TC_26_8_1_2_5_7, TC_26_8_1_2_6_4, TC_26_8_1_2_7_5, TC_26_8_1_3_5_1.

TSPX_ChRateH is used in : TC_26_8_1_2_4_4, TC_26_8_1_2_6_1, TC_26_8_1_2_6_5, TC_26_8_1_2_7_1, TC_26_8_1_2_9_1, TC_26_8_1_3_5_2.

TSPX_ChRateI is used in : TC_26_8_1_2_4_5, TC_26_8_1_2_6_2, TC_26_8_1_2_7_2, TC_26_8_1_2_8_3, TC_26_8_1_2_9_2, TC_26_8_1_3_5_3.

TSPX_ChRateJ is used in : TC_26_8_1_2_4_6, TC_26_8_1_2_6_6, TC_26_8_1_2_7_3, TC_26_8_1_2_9_3, TC_26_8_1_3_5_4.

B.7.2.6.14 Parameters for Cipherring Algorithm

The parameters TSPX_CphAlg's represent the Cipherring Algorithm. The item 1 to item 6 are used in test cases where the Algorithm are arbitrarily selected but controllable. The parameters can have any valid values supported by the MS under test without duplication. If the number of values supported by the MS is less than 7, duplicated values can be used for some of the items, but the item 4 and the item 5 shall be different (when the number of the supported values is greater than 1). Item 7 is the default Algorithm used in the test cases where the algorithm is not specifically indicated. the meaning of the values is as following:

- '000'B represents the A5/1 algorithm;
- '001'B represents the A5/2 algorithm;
- '010'B represents the A5/3 algorithm;
- '011'B represents the A5/4 algorithm;
- '100'B represents the A5/5 algorithm;

- '101'B represents the A5/6 algorithm;
- '110'B represents the A5/7 algorithm;

Table 211: Parameters for Ciphering Algorithm

| Item | Name | Type | Value |
|--|----------------|--------------|-------|
| 1 | TSPX_CphAlgA | BITSTRING[3] | |
| 2 | TSPX_CphAlgB | BITSTRING[3] | |
| 3 | TSPX_CphAlgC | BITSTRING[3] | |
| 4 | TSPX_CphAlgD | BITSTRING[3] | |
| 5 | TSPX_CphAlgE | BITSTRING[3] | |
| 6 | TSPX_CphAlgF | BITSTRING[3] | |
| 7 | TSPX_CphAlgDef | BITSTRING[3] | |
| References: TSPX_CphAlgA is used in: TC_26_8_3, TC_26_8_4. TSPX_CphAlgB is used in: TC_26_8_4. TSPX_CphAlgC is used in: TC_26_8_4. TSPX_CphAlgD is used in: TC_26_8_4. TSPX_CphAlgE is used in: TC_26_8_4. TSPX_CphAlgF is used in: No at this moment. TSPX_CphAlgDef is used in: All structured procedures test cases, | | | |

B.7.2.6.15 Parameters for Training Sequence Code

The parameters TSPX_Tsc's represent the Training Sequence Code (TSC). The item 1 to item 8 are used in test cases where the TSC are arbitrarily selected but controllable. The parameters can have any valid values but they shall be different from each other. Item 1 is the default TSC used in the test cases where the TSC is not specifically indicated.

Table 212: Parameters for Training Sequence Code

| Item | Name | Type | Value |
|------|-------------|--------------|-------|
| 1 | TSPX_TscDef | BITSTRING[3] | |
| 2 | TSPX_TscA | BITSTRING[3] | |
| 3 | TSPX_TscB | BITSTRING[3] | |
| 4 | TSPX_TscC | BITSTRING[3] | |
| 5 | TSPX_TscD | BITSTRING[3] | |
| 6 | TSPX_TscE | BITSTRING[3] | |
| 7 | TSPX_TscF | BITSTRING[3] | |
| 8 | TSPX_TscG | BITSTRING[3] | |

References:

TSPX_TscA is used in: TC_26_6_1_1, TC_26_6_1_2, TC_26_6_1_4, TC_26_6_1_5, TC_26_6_2_1_1, TC_26_6_2_1_2, TC_26_6_2_1_3, TC_26_6_2_5, TC_26_6_3_1, TC_26_6_3_2, TC_26_6_3_3, TC_26_6_3_4, TC_26_6_3_5, TC_26_6_4_1, TC_26_6_4_2_1, TC_26_6_4_2_2, TC_26_6_5_5_1, TC_26_6_5_5_2, TC_26_6_5_6, TC_26_6_5_7, TC_26_6_5_8, TC_26_6_5_9, TC_26_6_6_1, TC_26_6_7_1, TC_26_6_7_2, TC_26_6_8_1, TC_26_6_8_2, TC_26_6_8_3, TC_26_6_8_4, TC_26_6_8_5, TC_26_6_11_1, TC_26_6_11_2, TC_26_6_12_1, TC_26_6_12_2, TC_26_6_12_3, TC_26_6_12_4, TC_26_6_13_1, TC_26_6_13_2, TC_26_6_13_3, TC_26_6_13_4, TC_26_6_13_5, TC_26_6_13_6, TC_26_6_13_7, TC_26_6_13_8, TC_26_6_13_9, TC_26_6_13_10, TC_26_8_1_2_3_1, TC_26_8_1_2_3_2, TC_26_8_1_2_3_3, TC_26_8_1_2_4_1, TC_26_8_1_2_4_2, TC_26_8_1_2_4_3, TC_26_8_1_2_4_4, TC_26_8_1_2_4_5, TC_26_8_1_2_4_6, TC_26_8_1_2_4_7, TC_26_8_1_2_4_11, TC_26_8_1_2_5_3, TC_26_8_1_2_5_4, TC_26_8_1_2_5_5, TC_26_8_1_2_5_6, TC_26_8_1_2_5_8, TC_26_8_1_2_6_3, TC_26_8_1_2_6_4, TC_26_8_1_2_6_5, TC_26_8_1_2_8_3, TC_26_8_1_3_5_4, TC_26_8_1_3_5_5, TC_26_8_1_3_5_6.

TSPX_TscB is used in: TC_26_6_4_1, TC_26_6_5_5_1, TC_26_6_5_5_2, TC_26_6_5_6, TC_26_6_5_7, TC_26_6_5_8, TC_26_6_5_9, TC_26_6_6_1, TC_26_6_13_1, TC_26_6_13_2, TC_26_6_13_6.

TSPX_TscC is used in: TC_26_6_4_1, TC_26_6_6_1, TC_26_6_13_2, TC_26_6_13_7.

TSPX_TscD is used in: TC_26_6_4_1, TC_26_6_6_1, TC_26_6_13_3, TC_26_6_13_7, TC_26_6_13_8.

TSPX_TscE is used in: TC_26_6_4_1, TC_26_6_6_1, TC_26_6_13_3, TC_26_6_13_8.

TSPX_TscF is used in: TC_26_6_4_1, TC_26_6_6_1, TC_26_6_13_4, TC_26_6_13_9.

TSPX_TscG is used in: TC_26_6_4_1, TC_26_6_6_1, TC_26_6_13_4, TC_26_6_13_5, TC_26_6_13_10.

TSPX_TscDef is used in: TC_26_5_6_3, TC_26_6_4_2_2, TC_26_6_5_1_1, TC_26_6_5_1_2, TC_26_6_5_1_3, TC_26_6_5_1_4, TC_26_6_5_1_5, TC_26_6_5_1_6, TC_26_6_5_1_7, TC_26_6_5_1_8, TC_26_6_5_2_1, TC_26_6_5_2_2, TC_26_6_5_2_3, TC_26_6_5_2_4, TC_26_6_5_2_5, TC_26_6_5_2_6, TC_26_6_5_2_7, TC_26_6_5_2_8, TC_26_6_5_2_9, TC_26_6_5_2_10, TC_26_6_5_3_1, TC_26_6_5_3_2, TC_26_6_5_4_1, TC_26_6_5_4_2, TC_26_6_5_4_3, TC_26_6_5_4_4, TC_26_6_6_1, TC_26_6_13_5, TC_26_6_13_6, TC_26_7_4_1, TC_26_7_4_2_2_2, TC_26_7_4_2_4_1, TC_26_7_4_2_4_5, TC_26_7_4_3_2, TC_26_7_4_3_3, TC_26_7_4_3_4, TC_26_7_4_5_2, TC_26_7_4_5_4_1, TC_26_7_4_5_4_2, TC_26_7_4_5_4_3, TC_26_7_4_6, TC_26_7_5_2, TC_26_7_5_3, TC_26_7_5_4, TC_26_7_5_5, TC_26_7_5_6, TC_26_7_5_7_1, TC_26_7_5_8_1, TC_26_7_5_8_2, TC_26_7_5_8_3, TC_34_2_1, TC_34_2_2.

B.7.2.6.16 Parameters for Timing Advance

The parameters TSPX_Timadv's represent the Timing Advance (TA). The item 1 to item 8 are used in test cases where the TA are arbitrarily selected but controllable. The parameters can have any valid values but they shall be different from each other. Item 9 is the default TA used in the test cases where the TA is not specifically indicated.

Table 213: Parameters for Timing Advance

| Item | Name | Type | Value |
|--|----------------|--------------|-------|
| 1 | TSPX_TimadvA | BITSTRING[6] | |
| 2 | TSPX_TimadvB | BITSTRING[6] | |
| 6 | TSPX_TimadvC | BITSTRING[6] | |
| 4 | TSPX_TimadvD | BITSTRING[6] | |
| 5 | TSPX_TimadvE | BITSTRING[6] | |
| 6 | TSPX_TimadvF | BITSTRING[6] | |
| 7 | TSPX_TimadvG | BITSTRING[6] | |
| 8 | TSPX_TimadvH | BITSTRING[6] | |
| 9 | TSPX_TimadvDef | BITSTRING[6] | |
| References: | | | |
| TSPX_TimadvA is used in: TC_26_9_2, TC_26_9_3, TC_26_9_4, TC_26_9_5, TC_26_9_6_1_1, TC_26_9_6_1_2, TC_26_9_6_2_1, TC_26_9_6_2_2. | | | |
| TSPX_TimadvB is used in: TC_26_6_1_2, TC_26_6_2_2, TC_26_2_3_1, TC_26_6_2_3_2, TC_26_6_5_1_2, TC_26_6_5_1_4, TC_26_6_5_1_5, TC_26_6_5_1_6, TC_26_6_5_1_7, TC_26_6_5_1_8, TC_26_6_5_2_1, TC_26_6_5_2_2, TC_26_6_5_2_3, TC_26_6_5_2_4, TC_26_6_5_2_5, TC_26_6_5_2_6, TC_26_6_5_2_7, TC_26_6_5_2_8, TC_26_6_5_2_9, TC_26_6_5_2_10, TC_26_6_5_3_1, TC_26_6_5_4_1, TC_26_6_5_4_2, TC_26_6_5_4_3, TC_26_6_5_4_4. | | | |
| TSPX_TimadvC is used in: TC_26_6_5_1_2, TC_26_6_5_1_5, TC_26_6_5_1_7, TC_26_6_5_1_8, TC_26_6_5_2_4. | | | |
| TSPX_TimadvD is used in: No at this moment. | | | |
| TSPX_TimadvE is used in: No at this moment. | | | |
| TSPX_TimadvF is used in: No at this moment. | | | |
| TSPX_TimadvG is used in: No at this moment. | | | |
| TSPX_TimadvH is used in: No at this moment. | | | |
| TSPX_TimadvDef is used in: No at this moment. | | | |

B.7.2.6.17 Parameter TSPX_WaitForFac

In test case TC_31_6_1_2, after the test system sends FACILITY message containing facility IE there are two possible execution paths, one is that the test system sends CONNECT ACKNOWLEDGE, another is that the test system waits for the FACILITY message from the MS. The parameter TSPX_WaitForFac controls the execution path. If TSPX_WaitForFac = FALSE the test system sends CONNECT ACKNOWLEDGE.

Table 214: Parameter TSPX_WaitForFac

| Name | Type | Value |
|-----------------|---------|-------|
| TSPX_WaitForFac | BOOLEAN | |

B.7.2.6.18 Parameter TSPX_WaitForConnACK

In test case TC_31_6_1_5, after the test system sends CONNECT message there are two possible execution paths, one is that the test system sends FACILITY message containing facility IE, another is that the test system waits for the CONNECT ACKNOWLEDGE message from the MS. The parameter TSPX_WaitForConnACK controls the execution path. If TSPX_WaitForConnACK = FALSE the test system sends FACILITY message.

Table 215: Parameter TSPX_WaitForConnACK

| Name | Type | Value |
|---------------------|---------|-------|
| TSPX_WaitForConnACK | BOOLEAN | |

B.7.2.6.19 Parameter TSPX_PathH1

In test case TC_31_6_1_7, after the second call (call C) established there are two possible execution paths, one is that the test system disconnects the call B (path I), another is that the test system disconnects the call C (path H). The parameter TSPX_PathH1 controls the execution path. If TSPX_PathH1 = FALSE the test system disconnects the call B.

Table 216: Parameter TSPX_PathH1

| Name | Type | Value |
|-------------|---------|-------|
| TSPX_PathH1 | BOOLEAN | |

B.7.2.6.20 Parameter TSPX_PathH2

In test case TC_31_6_1_8, after multiparty call established there are two possible execution paths, one is that the test system disconnects the call B (path I), another is that the test system disconnects the call C (path H). The parameter TSPX_PathH2 controls the execution path. If TSPX_PathH2 = TRUE the test system disconnects the call C.

Table 217: Parameter TSPX_PathH2

| Name | Type | Value |
|-------------|---------|-------|
| TSPX_PathH2 | BOOLEAN | |

B.7.2.7 Questions on antenna and power supply**B.7.2.7.1 Type of antenna****Table 218: Type of antenna**

| Item | Question | Answer |
|------|---|--------|
| 1 | Is the antenna an integrated one without a connector ? if so what is the position for normal use ? | |
| 2 | Is the antenna with a connector allowing the connection of an external antenna ? if so what is the in band impedance ?: | |

B.7.2.7.2 Power supply**Table 219: power supply**

| Item | Question | Answer |
|------|--|--------|
| 1 | Which type of battery (if any) is used? | |
| 2 | What is the end-point voltage(s) of battery(ies)(if any) ? | |
| 3 | Which type of power supply is used ? | |
| 4 | What is the nominal voltage(s) ? | |
| 5 | What are the details of MS shut-down voltage ? | |

B.7.2.7.3 External RF amplifier**Table 220: External RF amplifier**

| Item | Question | Answer |
|----------------------|---|--------|
| 1 | Does the MS support external RF amplifier ? | |
| Detailed Description | | |
| | | |
| NOTE: | If item 1 is supported, the client should declare the TSPX_ClassMark2Amp and provide detailed description of the means to change the RF power capabilities in the Detailed Description box. | |

B.7.2.7.4 SIM removal support**Table 221: SIM removal support**

| Item | Question | Supported(Y/N) |
|----------------------|---|----------------|
| 1 | Does the MS support SIM removal without disconnection of the power supply ? | |
| Detailed Description | | |
| | | |
| NOTE: | If item 1 is supported, the client should provide detailed description of how to remove the SIM card. | |

B.7.2.7.5 Parameter TSPX_MaxCPDataRetx

In TC_34_2_1 and TC_34_2_2 test cases, it is needed to know the Maximum CP Data retransmission times. The manufacturer shall provide the implemented value in the parameter.

Table 222: Parameter TSPX_MaxCPDataRetx

| | |
|---|--------------------|
| Parameter Name | TSPX_MaxCPDataRetx |
| Parameter Type | INTEGER |
| Parameter Value | |
| References: TSPX_Txint is used in: TC_34_2_1, TC_34_2_2. | |

B.7.2.7.6 Parameter TSPX_DTMFInd

In TC_26_8_1_4_1_1 test case, it is needed to know if and the DTMF tone is indicated to the user. The manufacturer shall state whether the MS support the DTMF tone indication to user.

Table 223: Parameter TSPX_DTMFInd

| | |
|--|--------------|
| Parameter Name | TSPX_DTMFInd |
| Parameter Type | BOOLEAN |
| Parameter Value | |
| References: TSPX_Txint is used in: TC_26_8_1_4_1_1. | |

B.7.2.7.7 Parameter TSPX_CallCntrlCap

The parameter TSPX_CallCntrlCap specifies the value of Call Control Capabilities IE used in the test.

Table 224: Parameter TSPX_CallCntrlCap

| Parameter Name: TSPX_CallCntrlCap | | | |
|-----------------------------------|----------------|-------------|-----------------------------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '00001000'B | |
| iel | OCTETSTRING[1] | '01'O | length of the IE in unit of OCTET |
| spb | BITSTRING[7] | '_____'B | |
| dtmf | BITSTRING[1] | '_'B | |
| References: | | | |

B.7.2.7.8 Parameter TSPX_ClassMark1

The parameter TSPX_ClassMark1 specifies the value of Class Mark 1 IE used in the test.

Table 225: Parameter TSPX_ClassMark1

| Parameter Name: TSPX_ClassMark1 | | | |
|---|--------------|-------|---------------------------------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| spb1 | BITSTRING[1] | | spare bit |
| rl | BITSTRING[2] | | revision level |
| spb2 | BITSTRING[1] | | spare bits or early sending indicator |
| a5_1 | BITSTRING[1] | | A5/1 algorithm supported |
| rfpc | BITSTRING[3] | | RF power capability |
| References: TSPX_ClassMark1 is used in: TC_26_7_4_1, TC_26_7_4_3_2, TC_26_7_4_3_3. | | | |

B.7.2.7.9 Parameter TSPX_ClassMark2

The parameter TSPX_ClassMark2 specifies the value of Class Mark 2 IE used in the test.

Table 226: Parameter TSPX_ClassMark2

| Parameter Name: TSPX_ClassMark2 | | | |
|--|----------------|---------|--------------------------------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| spr1 | BITSTRING[1] | '_'B | spare bit |
| rl | BITSTRING[2] | '__'B | revision level |
| spr2 | BITSTRING[1] | '_'B | spare bit or early sending indicator |
| a5_1 | BITSTRING[1] | '_'B | A5/1 algorithm supported |
| rfpc | BITSTRING[3] | '___'B | RF power capability |
| spr3 | BITSTRING[1] | '_'B | recommendation |
| psc | BITSTRING[1] | '_'B | pseudo synchronization capability |
| ssi | BITSTRING[2] | '__'B | SS screen indicator |
| smc | BITSTRING[1] | '_'B | short message capability |
| spr4 | BITSTRING[2] | '__'B | spare bits |
| fc | BITSTRING[1] | '_'B | frequency capability |
| cm3 | BITSTRING[1] | '_'B | class mark 3 indicator |
| spr5 | BITSTRING[5] | '_____B | spare bits |
| a5_3 | BITSTRING[1] | '_'B | A5/3 algorithm supported |
| a5_2 | BITSTRING[1] | '_'B | A5/2 algorithm supported |
| References: TSPX_ClassMark2 is used in: TC_26_6_11_1, TC_26_6_11_2, TC_26_7_3_2, TC_26_8_2_1, TC_26_9_4, TC_26_9_5, TC_26_9_6_2_1, TC_26_9_2_2, TC_31_6_2_4. NOTE: RF power capability is the power capability without external RF amplifier | | | |

B.7.2.7.10 Parameter TSPX_ClassMark2Amp

The parameter TSPX_ClassMark2 specifies the value of Class Mark 2 IE used in the test.

Table 227: Parameter TSPX_ClassMark2Amp

| Parameter Name: TSPX_ClassMark2Amp | | | |
|---|----------------|---------|--------------------------------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | OMIT | |
| iel | OCTETSTRING[1] | | length of the IE in unit of OCTET |
| spr1 | BITSTRING[1] | '_'B | spare bit |
| rl | BITSTRING[2] | '__'B | revision level |
| spr2 | BITSTRING[1] | '_'B | spare bit or early sending indicator |
| a5_1 | BITSTRING[1] | '_'B | A5/1 algorithm supported |
| rfpc | BITSTRING[3] | '___'B | RF power capability |
| spr3 | BITSTRING[1] | '_'B | recommendation |
| psc | BITSTRING[1] | '_'B | pseudo synchronization capability |
| ssi | BITSTRING[2] | '__'B | SS screen indicator |
| smc | BITSTRING[1] | '_'B | short message capability |
| spr4 | BITSTRING[2] | '__'B | spare bits |
| fc | BITSTRING[1] | '_'B | frequency capability |
| cm3 | BITSTRING[1] | '_'B | class mark 3 indicator |
| spr5 | BITSTRING[5] | '_____B | spare bits |
| a5_3 | BITSTRING[1] | '_'B | A5/3 algorithm supported |
| a5_2 | BITSTRING[1] | '_'B | A5/2 algorithm supported |
| References: TSPX_ClassMark2Amp is used in: TC_26_6_11_1. NOTE: RF power capability is the power capability with external RF amplifier | | | |

B.7.2.7.11 Parameter TSPX_ClassMark3

The parameter TSPX_ClassMark3 specifies the value of Class Mark 3 IE used in the test..

Table 228: Parameter TSPX_ClassMark3

| Parameter Name: TSPX_ClassMark3 | | | |
|---|-----------------|-------------|-----------------------------------|
| Field | Type | Value | Comments |
| iei | BITSTRING[8] | '00100000'B | '00100000'B |
| iel | OCTETSTRING[1] | '_'O | length of the IE in unit of OCTET |
| spr1 | BITSTRING[4] | '____'B | spare bits |
| a5_7 | BITSTRING[1] | '_'B | A5_7 algorithm supported |
| a5_6 | BITSTRING[1] | '_'B | A5_6 algorithm supported |
| a5_5 | BITSTRING[1] | '_'B | A5_5 algorithm supported |
| a5_4 | BITSTRING[1] | '_'B | A5_4 algorithm supported |
| spr2 | OCTETSTRING[11] | | spare bits |
| References: TSPX_ClassMark3 is used in : TC_26_6_11_2. | | | |

B.7.2.8 Test Suite Timer Values

The client shall specify the values for the following timers based on the explanation below.

Table 229: Test Suite Timer Values

| Item | Name | Value | Comments |
|---|---------------|-------|---|
| 1 | TSPX_T3122 | | value is coded in HEXSTRING[2] |
| 2 | TSPX_T3210 | | value for timer T3210 in INTEGER |
| 3 | TSPX_T3211min | | 90% of the value for timer T3211 in INTEGER |
| 4 | TSPX_T3211_80 | | 80% of the value for timer T3211 in INTEGER |
| 5 | TSPX_T3213min | | 90% of the value for timer T3213 in INTEGER |
| 6 | TSPX_T3230min | | 90% of the value for timer T3230 in INTEGER |
| 7 | TSPX_T3240min | | 90% of the value for timer T3240 in INTEGER |
| 8 | TSPX_T3240tol | | tolerance of timer T3240 in INTEGER |
| 9 | TSPX_TC1M | | value for timer TC1M in INTEGER |
| NOTE: The unit of the above parameters is second. | | | |

B.7.2.9 Man machine interface

The manufacturer shall describe the man machine interface in the following tables:

- Description of manual entry and display of a called number:

- Description of the basic way to send a call manually:

- Description of the basic way to take a call manually:

- Description of the basic way to end a call manually:

- Description of the basic way to send an emergency call manually:

- Description of the basic way to send DTMF manually:

- Description of the manual PLMN selector:

- Description of the automatic PLMN selector:

- Description of the indication of the country:

- Description of the indication of the available PLMN:

- Description of the indication of the automatic registration to a PLMN:

- Description of the service indicator:

- Description of the management of the SIM by the user:
 - . keying PIN and changing PIN,
 - . indication of acceptance or rejection of keyed PIN,
 - . indication of blocked SIM,
 - . indication of successful unblocking of the SIM,
 - . storing an abbreviated number,
 - . displaying an abbreviated number.

- Description of the selection of the hands free:

- Description of the volume control:

- Description of local barring of outgoing calls:

- Description of prevention of unauthorized calls:

- Description of the auto calling management:
 - . selection of the auto calling,
 - . indication that the call failed and a re-try is attempted,
 - . indication that the call finally failed.

- Description of the way in which the MS generates an MS originated NOTIFY, if supported:

- Description of the basic procedure to display a MT SM:

- Description of the basic procedure to send a MO SM:

- Description of the basic procedure to display a cell broadcasted SM:

- Description of the user's commands and of display of the answers from the network for call forwarding:

- Description of the method of reading ACM from the SIM via the ME:

- Description of type of user indication when ACMM exceeded:

- Description of the user's commands and of display of the answers from the network for call barring:

- Description of the way to empty short message storage:

- Description of the way to control the MS so that the class 1 short message will be stored in the ME:

Annex C: PCTR Proforma

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PROTOCOL

Conformance Test Report (PCTR)

Global System for Mobile Communication, GSM,
User-Network Access

Layer 3 Signalling Functions

| | |
|----------------|----------|
| Test Candidate | |
| Name : | SUT name |
| Model : | model |
| H/W version : | hw |
| S/W version : | sw |
| Serial No. : | serienr |

| | |
|---------------------|--|
| Client | |
| Name : | |
| Street / No. : | |
| Postal Code / City: | |
| Country : | |

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History

| Document history | | | |
|-------------------------|--|--------|--------------------------|
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