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**Integrated Services Digital Network (ISDN);
Digital Subscriber Signalling System No. one (DSS1);
Abstract Test Suite (ATS) specification for signalling network
layer protocol for circuit-mode basic call control (user)**

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Foreword

This Interim European Telecommunication Standard (I-ETS) has been produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI), based upon the layer 3 Abstract Test Suite (ATS) developed by the Conformance Test Specification (CTS2) ISDN project.

An ETSI standard may be given I-ETS status either because it is regarded as a provisional solution ahead of a more advanced standard, or because it is immature and requires a "trial period". The life of an I-ETS is limited to three years after which it can be converted into an ETS, have its life extended for a further two years, be replaced by a new version or, be withdrawn.

This I-ETS forms part of a set of I-ETSs completing the documentation of ETS 300 102-1 (ISDN signalling network layer protocol) as specified in ISO/IEC 9646-1 (e.g. conformance testing) as follows:

- I-ETS 300 314: "Protocol Implementation Conformance Statement (PICS) proforma specification (basic access, user)";
- I-ETS 300 315: "PICS proforma specification (primary rate access, user)";
- I-ETS 300 316: "PICS proforma specification (basic access, network)";
- I-ETS 300 317: "PICS proforma specification (primary rate access, network)";
- I-ETS 300 318: "Partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification (basic access, user)";
- I-ETS 300 319: "Partial PIXIT proforma specification (primary rate access, user)";
- I-ETS 300 322: "Abstract test suite specification (user)".**

This I-ETS presents the Abstract Test Suite (ATS) for the user-network interface layer 3 specification for basic call control described in Tree and Tabular Combined Notation (TTCN) for an ISDN user side terminal equipment using ISDN basic or primary rate access. This test suite aligns with the principles defined in Open Systems Integration (OSI) conformance testing methodology and framework (ISO/IEC 9646-3) using the remote single layer test methodology.

This ATS is specified for both the basic and primary rate access. It is based on the protocol standard ETS 300 102 and references Protocol Implementation Conformance Statement (PICS) proforma specifications I-ETS 300 314 and I-ETS 300 315 and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specifications I-ETS 300 318 and I-ETS 300 319.

The ATS TTCN Graphical Representation (GR) is contained in annexes A and B of this I-ETS. The identification of the associated Machine Processable (MP) files is contained in annex C of this I-ETS.

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1 Scope

This Interim European Telecommunication Standard (I-ETS) specifies the Abstract Test Suite (ATS) required to check for full conformance to the stage three of circuit-mode on-demand basic telecommunication services for the pan-European Integrated Services Digital Network (ISDN) as provided by European telecommunications operators at the T reference point or coincident S and T reference points as defined in ITU-T Recommendation I.411 [13] by means of the Digital Subscriber Signalling System No. one (DSS1).

In addition, the ATS contained in this I-ETS specifies the conformance tests for the protocol requirements at the T reference point where the service is provided to the user via a private ISDN.

The ATS is specified for both the basic and primary rate access and is based on the protocol as specified in ETS 300 102-1 [1].

This I-ETS is applicable to a terminal equipment representing a Terminal Equipment type 1 (TE1), Terminal Adaptor (TA) or Network Termination type 2 (NT2) functional entity.

2 Normative references

This I-ETS incorporates by dated or 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 I-ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETS 300 102-1 (1990): "Integrated Services Digital Network (ISDN); User-network interface layer 3 specifications for basic call control".
- [2] ETS 300 102-2 (1990): "Integrated Services Digital Network (ISDN); User-network interface layer 3 specifications for basic call control; Specification Description Language (SDL) diagrams".
- [3] ETS 300 196-1 (1993): "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [4] I-ETS 300 314 (1994): "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1); Protocol Implementation Conformance Statement (PICS) proforma specification for signalling network layer protocol for circuit-mode basic call control (basic access, user)".
- [5] I-ETS 300 315 (1994): "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1); Protocol Implementation Conformance Statement (PICS) proforma specification for signalling network layer protocol for circuit-mode basic call control (primary rate access, user)".
- [6] I-ETS 300 318 (1995): "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1); Partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for signalling network layer protocol for circuit-mode basic call control (basic access, user)".

- [7] I-ETS 300 319 (1995): "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1); Partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for signalling network layer protocol for circuit-mode basic call control (primary rate access, user)".
- [8] ISO/IEC 9646-1 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".
- [9] ISO/IEC 9646-2 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract test suite specification".
- [10] ISO/IEC DIS 9646-3 (1989): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 3: The Tree and Tabular Combined Notation (TTCN)".
- [11] ISO/IEC 9646-3 (1992): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 3: The Tree and Tabular Combined Notation (TTCN)".
- [12] ITU-T Recommendation I.112 (1993): "Vocabulary of terms for ISDNs".
- [13] ITU-T Recommendation I.411 (1993): "ISDN user-network interfaces -reference configurations".
- [14] CCITT Recommendation I.430 (1988): "ISDN basic user-network interface - Layer 1 specification".

3 Definitions

For the purposes of this I-ETS, the following definitions apply:

Abstract Test Suite (ATS): See ISO/IEC 9646-2 [9].

basic access: See CCITT Recommendation I.430 [14], annex E, definition 101.

client: See ISO/IEC 9646-1 [8].

Integrated Services Digital Network (ISDN): See ITU-T Recommendation I.112 [12], definition 308.

Network Termination type 2 (NT2): See ITU-T Recommendation I.411 [13], subclause 3.4.2.

primary rate access: See CCITT Recommendation I.430 [14], annex E, definition 102.

Protocol Implementation Conformance Statement (PICS): See ISO/IEC 9646-1 [8].

Protocol Implementation eXtra Information for Testing (PIXIT): See ISO/IEC 9646-1 [8].

Terminal Adaptor (TA): See ITU-T Recommendation I.411 [13], subclause 3.4.4.

Terminal Equipment type 1 (TE1): See ITU-T Recommendation I.411 [13], subclause 3.4.3.1.

test laboratory: See ISO/IEC 9646-1 [8].

user: The DSS1 protocol entity at the user side of the user-network interface.

4 Abbreviations

For the purposes of this I-ETS, the following abbreviations apply:

ATS	Abstract Test Suite
DSS1	Digital Subscriber Signalling System No. one
ISDN	Integrated Services Digital Network
IUT	Implementation Under Test
MP	Machine Processable
NT2	Network Termination type 2
PDU	Protocol Data Unit
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
TA	Terminal Adaptor
TE1	Terminal Equipment type one
TTCN	Tree and Tabular Combined Notation

5 Introduction to the ATS

This ATS defines the test specification for the ISDN DSS1 layer 3 protocol (ETS 300 102-1 [1]) and is presented as tables in the form of Tree and Tabular Combined Notation (TTCN) tables.

In order for a test laboratory to perform a test campaign based on the ATS, the apparatus supplier (test laboratory client) shall provide for the Implementation Under Test (IUT) information regarding the implementation of the protocol within the terminal, i.e. the PICS (conformant to the PICS proforma specified in I-ETS 300 314 [4] or I-ETS 300 315 [5]) and information regarding the man-machine interface, i.e. the PIXIT (conformant to the partial PIXIT proforma specified in I-ETS 300 318 [6] or I-ETS 300 319 [7]).

Conformance testing involves testing both the capabilities and behaviour of an implementation and checking what is observed both against the conformance requirements in the relevant standard (in this case ETS 300 102-1 [1]) and what the implementor states the implementation's capabilities are.

Conformance testing does not include assessment of the performance nor the robustness or reliability of an implementation. It cannot give judgements on the physical realization of the abstract service primitives, how a system is implemented, how it provides any requested service, nor the environment of the protocol implementation.

As discussed in ISO/IEC 9646-1 [8], the purpose of conformance testing is to increase the probability that different implementations are able to interwork. However, it should be borne in mind that the complexity of most protocols makes exhaustive testing impractical on both technical and economic grounds. Also, testing cannot guarantee conformance to a specification since it detects errors rather than their absence. Thus conformance testing alone cannot guarantee interworking. What it does, is give confidence that an implementation has the required capabilities and that its behaviour conforms consistently in representative instances of communication.

5.1 General aspects of test suites

This I-ETS presents the ATS for an ISDN terminal equipment (TE1 or TA or NT2) for ISDN layer 3 basic or primary rate access.

The ATS is based on ETS 300 102-1 [1] and ETS 300 102-2 [2] and aligns with the principles in ISO/IEC 9646-3 [11]. The ATS is written in TTCN according to ISO/IEC DIS 9646-3 [10].

The ATS is presented in five annexes:

annex A: TTCN GR for basic access;
annex B: TTCN GR for primary rate access;
annex C: TTCN MP files;
annex D: Cross reference list for basic access ATS;
annex E: Cross reference list for primary rate access ATS.

A TTCN ATS is divided into four parts as follows:

- overview part;
- declaration part;
- constraint part;
- dynamic part.

5.2 Test suite description

5.2.1 References to relevant base standard

The ATS references ETS 300 102-1 [1].

5.2.2 Test case selection and parameterization

Use of PICS and PIXIT is made for test case selection and parameterization.

5.2.3 Test method used

The selected abstract test method to which this test suite applies is the remote single layer test method. Information on this test method is given in ISO/IEC 9646-2 [9].

5.2.4 Overall structure of the test suite

5.2.4.1 Overview part

5.2.4.1.1 Objective

This part gives some overall information about the test suite. The tables give information about the name, reference and the test method of the test suite and describes the test cases, the test steps and the defaults.

5.2.4.1.2 Specific name constructs

The specific name construct is explained in the relevant parts.

5.2.4.2 Declaration part

5.2.4.2.1 Objective

The aim of this part is to introduce all the type definitions needed in parts three and four. For each variable, constant, information element, Protocol Data Unit (PDU) etc. the type is to be given (Boolean, Integer, Octet string, Bit string, IA5 string, etc.).

5.2.4.2.2 Specific name constructs

The name of the information elements is shortened in a way as to avoid confusion.

5.2.4.3 Constraint part

5.2.4.3.1 Objective

All the values needed for the execution of the test suite are given here or declared as parameters. PDUs needed in the dynamic part are described with their required values and parameters.

5.2.5.3.2 Specific name constructs

The names of the PDUs have been shortened to two or three letters and a digit. Error PDUs start with ERR and are followed by a number.

5.2.5.4 Dynamic part

5.2.5.4.1 Objective

This part describes the sequence of sending and receiving events and the linked verdicts for each test case, test step or default. Some mechanisms have been introduced to allow the reception of particular PDUs as described in ETS 300 196-1 [3].

5.2.5.4.2 Specific name constructs

The names of the test cases, steps or defaults start with two letters followed by five digits, as indicated below:

Two letters:

TC	Test Case
PR	Preamble
PO	Postamble
CS	Check State
UM	Unexpected Message
DF	Default

First digit:

1	test case with passive IUT behaviour
2	test case with active IUT behaviour;
3	test step preamble
4	test step postamble
5	test step miscellaneous
6	default

Second and third digit:

- state in which the body of test cases start;
- state in which the preamble finishes;
- state in which postamble, miscellaneous and default start;
- the value 99 represents the possibility of starting from different states (only for test steps and defaults).

Fourth and fifth digit:

- continuous number.

The group name is composed of six elements:

- element 1: ISDN3 = Name of the test suite;
- element 2: PS = Test case with passive IUT behaviour;
AC = Test case with active IUT behaviour;
PR = Preamble;
PO = Postamble;
MS = Miscellaneous;
DF = Default;
- element 3: Uxx = same meaning as the second and third digits in the test name;
UAL = is identical to 99;
- element 4: V = Valid;
I = Inopportune;
S = Syntactically Invalid;
- element 5: two digits represent a timer (e.g. 02 = T302);
two letters represent a PDU (e.g. PG = Progress).
- element 6: N = test purpose of the test case is described in NET 3;
O = the test has been created by the European CTS group.

Annex A (normative): TTCN GR for basic access

This annex contains the TTCN GR for basic access.

A.1 Overview part

Test Suite Overview			
Suite Name:		ISDN3_BA	
Standard Reference:		ETS 300 102	
PICS Proforma:		I-ETS 300 314	
PIXIT Proforma:		I-ETS 300 318	
PICS/PIXIT use:			
Test Method(s):		RS Remote single layer	
Comments:			
Test Case Ident.	Test Case Reference	Page	Description
TC10001	ISDN3/PS/U00/V/RC/N/TC10001	124	<p>CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond and remains in the same state.</p>
TC10002	ISDN3/PS/U00/V/RL/N/TC10002	124	<p>CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and remains in the same state.</p>
TC10003	ISDN3/PS/U00/V/ST/N/TC10003	124	<p>CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a STATUS PDU indicating the Null state N0, the IUT does not respond and remains in the same state.</p>
TC10004	ISDN3/PS/U00/V/ST/N/TC10004	125	<p>CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a STATUS PDU indicating any state except the Null state N0, the IUT responds with either a RELEASE PDU or a RELEASE COMPLETE PDU with cause value 101.</p>
TC10005	ISDN3/PS/U00/V/SU/N/TC10005	125	<p>INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a valid SETUP PDU without the Sending complete information element, the IUT responds with any of a SETUP ACKNOWLEDGE, CALL PROCEEDING, ALERTING or CONNECT PDU and moves to the relevant state Overlap Receiving U25, Incoming Call Proceeding U9, Call Received U7 or Connect Request U8.</p>
TC10006	ISDN3/PS/U00/V/SU/N/TC10006	126	<p>INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a valid SETUP PDU with the Sending complete information element, the IUT responds with any of a CALL PROCEEDING, ALERTING or CONNECT PDU and moves to the relevant state Incoming Call Proceeding U9, Call Received U7 or Connect Request U8.</p>
TC10007	ISDN3/PS/U00/V/SU/N/TC10007	126	<p>INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a valid SETUP PDU containing a Progress indicator information element with progress description 1, the IUT modifies its compatibility checking and accepts the call on the basis of a compatible Bearer capability information element.</p>
TC10008	ISDN3/PS/U00/V/SU/N/TC10008	127	<p>INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a valid SETUP PDU containing an incompatible Bearer capability information element (mandatory parameter) the IUT reacts as follows:</p> <ul style="list-style-type: none"> - ignore the PDU or send a RELEASE COMPLETE PDU with cause value 88 (broadcast data link); - send a RELEASE COMPLETE PDU with cause value 88 (point-to-point data link).

TC10009	ISDN3/PS/U00/V /SU/N/TC10009	127	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a valid SETUP PDU containing an incompatible High layer compatibility information element (optional parameter), the IUT reacts as follows: - ignore the PDU or send a RELEASE COMPLETE PDU with cause value 88 (broadcast data link); - send a RELEASE COMPLETE PDU with cause value 88 (point-to-point data link).
TC10010	ISDN3/PS/U00/I /DI/N/TC10010	128	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that on receipt of an inopportune PDU (DISCONNECT), the IUT responds with a RELEASE PDU or a RELEASE COMPLETE PDU with cause value 81.
TC10011	ISDN3/PS/U00/I /SU/N/TC10011	129	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that on receipt of a repeated valid SETUP PDU with the same call reference as the initial SETUP PDU, the IUT does not respond to the second SETUP PDU and remains in the same state.
TC10012	ISDN3/PS/U00/S /ER/O/TC10012	130	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT does not respond to the PDU and remains in the same state.
TC10013	ISDN3/PS/U00/S /ER/N/TC10013	130	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC10014	ISDN3/PS/U00/S /ER/N/TC10014	130	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that on receipt of a SETUP PDU with a call reference flag bit set to 1, the IUT does not respond and remains in the same state.
TC10015	ISDN3/PS/U00/S /ER/N/TC10015	131	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a PDU with mandatory information element missing, the IUT responds with a RELEASE COMPLETE PDU with cause value 96 and remains in the same state.
TC10016	ISDN3/PS/U00/S /ER/N/TC10016	131	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a RELEASE or RELEASE COMPLETE PDU with cause value 81 and remains in the same call state.
TC10018	ISDN3/PS/U00/S /ER/O/TC10018	132	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10019	ISDN3/PS/U00/S /ER/O/TC10019	132	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a SETUP PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC10020	ISDN3/PS/U00/S /ER/O/TC10020	132	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10021	ISDN3/PS/U00/S /ER/O/TC10021	133	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with the global reference and returns a STATUS PDU.

TC10022	ISDN3 / PS / U00 / S / ER / O / TC10022	133	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10023	ISDN3 / PS / U00 / S / ER / O / TC10023	134	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 10 Ensure that the IUT responds to the receipt of a PDU with a mandatory information element out of sequence by either sending a RELEASE COMPLETE PDU with cause value 96 and remains in the same state or processes the PDU.
TC10024	ISDN3 / PS / U00 / S / ER / O / TC10024	134	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10025	ISDN3 / PS / U00 / S / ER / O / TC10025	135	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements the IUT processes the PDU and its remaining contents as valid.
TC10026	ISDN3 / PS / U00 / S / ER / O / TC10026	135	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a PDU with a mandatory information element with content error by sending a RELEASE COMPLETE PDU with cause value 100 and remains in the same state.
TC10027	ISDN3 / PS / U00 / S / ER / N / TC10027	136	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a PDU with unrecognised information element (coded comprehension required) by sending a RELEASE COMPLETE PDU with cause value 96 and remains in the same state.
TC10028	ISDN3 / PS / U00 / S / ER / N / TC10028	136	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a SETUP PDU with unrecognised optional information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.
TC10029	ISDN3 / PS / U00 / S / ER / N / TC10029	137	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a SETUP PDU with non-mandatory element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC20001	ISDN3 / AC / U00 / V / RE / N / TC20001	137	CALLED USER TESTS - STATE U0 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a valid RESUME PDU and enters the Resume request state U17.
TC20002	ISDN3 / AC / U00 / V / SU / N / TC20002	138	NULL STATE TESTS - STATE U0 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a valid SETUP and enters the Call Initiated state U1.
TC20003	ISDN3 / AC / U00 / V / O3 / N / TC20003	138	TIMER TESTS - TIMER T303 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the use of the optional timer T303.
TC10101	ISDN3 / PS / U01 / V / CP / N / TC10101	139	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CALL PROCEEDING PDU, the IUT enters the Outgoing Call Proceeding state U3.

TC10102	ISDN3/PS/U01/V /RC/N/TC10102	139	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC10103	ISDN3/PS/U01/V /RL/N/TC10103	139	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10104	ISDN3/PS/U01/V /SA/N/TC10104	140	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a SETUP ACKNOWLEDGE PDU, the IUT enters the Overlap Sending state U2.
TC10105	ISDN3/PS/U01/V /ST/N/TC10105	140	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC10106	ISDN3/PS/U01/V /SQ/O/TC10106	140	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10107	ISDN3/PS/U01/I /CA/N/TC10107	141	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, and remains in the same state.
TC10108	ISDN3/PS/U01/S /ER/O/TC10108	141	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10109	ISDN3/PS/U01/S /ER/O/TC10109	141	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10110	ISDN3/PS/U01/S /ER/O/TC10110	142	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state
TC10111	ISDN3/PS/U01/S /ER/O/TC10111	142	CALL INITIATED STATE TEST - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10112	ISDN3/PS/U01/S /ER/O/TC10112	142	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10113	ISDN3/PS/U01/S /ER/O/TC10113	143	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10114	ISDN3/PS/U01/S /ER/O/TC10114	143	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.

TC10115	ISDN3 / PS / U01 / S / ER / O / TC10115	143	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a CALL PROCEEDING PDU with mandatory information element missing, the IUT only returns a STATUS PDU with cause value 96 and remains in the same state.
TC10116	ISDN3 / PS / U01 / S / ER / O / TC10116	144	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with mandatory information element with content error by sending a STATUS PDU with cause value 100 and remains in the same state.
TC10117	ISDN3 / PS / U01 / S / ER / O / TC10117	144	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC10118	ISDN3 / PS / U01 / S / ER / O / TC10118	145	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents and optionally sends a STATUS PDU with cause value 99.
TC10119	ISDN3 / PS / U01 / S / ER / O / TC10119	145	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CALL PROCEEDING PDU with non mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC10120	ISDN3 / PS / U01 / S / ER / N / TC10120	146	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97 or with a STATUS ENQUIRY PDU and remains in the same state.
TC10121	ISDN3 / PS / U01 / S / ER / O / TC10121	146	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.
TC10122	ISDN3 / PS / U01 / S / ER / O / TC10122	147	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC10201	ISDN3 / PS / U02 / V / AL / N / TC10201	147	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an ALERTING PDU the IUT enters the Call Delivered state U4.
TC10202	ISDN3 / PS / U02 / V / CN / N / TC10202	147	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU the IUT enters the Active state U10.
TC10203	ISDN3 / PS / U02 / V / CP / N / TC10203	148	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CALL PROCEEDING PDU the IUT enters the Outgoing Call Proceeding state U3.

TC10204	ISDN3/PS/U02/V /DI/N/TC10204	148	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.
TC10205	ISDN3/PS/U02/V /IN/N/TC10205	148	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC10206	ISDN3/PS/U02/V /PG/N/TC10206	149	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.
TC10207	ISDN3/PS/U02/V /RC/N/TC10207	149	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC10208	ISDN3/PS/U02/V /RL/N/TC10208	149	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10209	ISDN3/PS/U02/V /SQ/O/TC10209	150	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10210	ISDN3/PS/U02/V /ST/N/TC10210	150	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC10211	ISDN3/PS/U02/I /SA/N/TC10211	150	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or a STATUS ENQUIRY PDU and remains in the same state.
TC10212	ISDN3/PS/U02/S /ER/O/TC10212	151	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10213	ISDN3/PS/U02/S /ER/O/TC10213	151	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10214	ISDN3/PS/U02/S /ER/O/TC10214	151	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10215	ISDN3/PS/U02/S /ER/O/TC10215	152	OVERLAP SENDING STATE TEST - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10216	ISDN3/PS/U02/S /ER/O/TC10216	152	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.

TC10217	ISDN3/PS/U02/S /ER/O/TC10217	152	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10218	ISDN3/PS/U02/S /ER/O/TC10218	153	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC10219	ISDN3/PS/U02/S /ER/O/TC10219	153	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC10220	ISDN3/PS/U02/S /ER/O/TC10220	153	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.
TC10221	ISDN3/PS/U02/S /ER/O/TC10221	154	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CALL PROCEEDING PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC10222	ISDN3/PS/U02/S /ER/O/TC10222	154	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing, the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19
TC10223	ISDN3/PS/U02/S /ER/O/TC10223	155	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with a mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC10224	ISDN3/PS/U02/S /ER/N/TC10224	155	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU and remains in the same state.
TC10225	ISDN3/PS/U02/S /ER/O/TC10225	156	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC10226	ISDN3/PS/U02/S /ER/O/TC10226	156	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC20201	ISDN3/AC/U02/V /04/O/TC20201	157	TIMER TESTS - TIMER T304 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T304.

TC 20203	ISDN3/AC/U02/V /DI/N/TC20203	157	OVERLAP SENDING STATE TESTS - STATE U2 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.
TC 20204	ISDN3/AC/U02/V /IN/N/TC20204	158	OVERLAP SENDING STATE TESTS - STATE U2 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits an INFORMATION PDU and remains in the same state.
TC10301	ISDN3/PS/U03/V /AL/N/TC10301	158	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an ALERTING PDU, the IUT enters the Call Delivered state U4.
TC10302	ISDN3/PS/U03/V /CN/N/TC10302	158	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU, the IUT enters the Active state U10.
TC10303	ISDN3/PS/U03/V /DI/N/TC10303	159	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.
TC10304	ISDN3/PS/U03/V /IN/N/TC10304	159	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC10305	ISDN3/PS/U03/V /PG/N/TC10305	159	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.
TC10306	ISDN3/PS/U03/V /RC/N/TC10306	160	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the state Null U0.
TC10307	ISDN3/PS/U03/V /RL/N/TC10307	160	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10308	ISDN3/PS/U03/V /SQ/O/TC10308	160	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10309	ISDN3/PS/U03/V /ST/N/TC10309	161	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC10310	ISDN3/PS/U03/I /CP/N/TC10310	161	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10311	ISDN3/PS/U03/S /ER/O/TC10311	161	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.

TC10312	ISDN3 / PS / U03 / S / ER / O / TC10312	162	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10313	ISDN3 / PS / U03 / S / ER / O / TC10313	162	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10314	ISDN3 / PS / U03 / S / ER / O / TC10314	162	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10315	ISDN3 / PS / U03 / S / ER / O / TC10315	163	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10316	ISDN3 / PS / U03 / S / ER / O / TC10316	163	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10317	ISDN3 / PS / U03 / S / ER / O / TC10317	164	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC10318	ISDN3 / PS / U03 / S / ER / O / TC10318	164	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CONNECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC10319	ISDN3 / PS / U03 / S / ER / O / TC10319	165	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT PDU with unrecognised optional information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.
TC10320	ISDN3 / PS / U03 / S / ER / O / TC10320	166	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining content as valid and optionally sends a STATUS PDU with cause value 100.
TC10321	ISDN3 / PS / U03 / S / ER / O / TC10321	166	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC10322	ISDN3 / PS / U03 / S / ER / O / TC10322	167	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.

TC10323	ISDN3/PS/U03/S /ER/N/TC10323	167	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10324	ISDN3/PS/U03/S /ER/O/TC10324	168	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC10325	ISDN3/PS/U03/S /ER/O/TC10325	168	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC20301	ISDN3/AC/U03/V /DI/N/TC20301	168	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.
TC20302	ISDN3/AC/U03/V /10/O/TC20302	169	TIMER TESTS - TIMER T310 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T310.
TC10401	ISDN3/PS/U04/V /CN/N/TC10401	169	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU, the IUT enters the Active state U10.
TC10402	ISDN3/PS/U04/V /DI/N/TC10402	170	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.
TC10403	ISDN3/PS/U04/V /IN/N/TC10403	170	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC10404	ISDN3/PS/U04/V /PG/N/TC10404	170	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.
TC10405	ISDN3/PS/U04/V /RC/N/TC10405	171	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC10406	ISDN3/PS/U04/V /RL/N/TC10406	171	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10407	ISDN3/PS/U04/V /SQ/O/TC10407	171	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10408	ISDN3/PS/U04/V /ST/N/TC10408	172	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.

TC10409	ISDN3 / PS / U04 / I / AL / N / TC10409	172	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10410	ISDN3 / PS / U04 / S / ER / O / TC10410	172	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10411	ISDN3 / PS / U04 / S / ER / O / TC10411	173	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10412	ISDN3 / PS / U04 / S / ER / O / TC10412	173	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10413	ISDN3 / PS / U04 / S / ER / O / TC10413	173	CALL DELIVERED STATE TEST - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10414	ISDN3 / PS / U04 / S / ER / O / TC10414	174	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10415	ISDN3 / PS / U04 / S / ER / O / TC10415	174	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10416	ISDN3 / PS / U04 / S / ER / O / TC10416	175	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC10417	ISDN3 / PS / U04 / S / ER / O / TC10417	175	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds the receipt of a CONNECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC10418	ISDN3 / PS / U04 / S / ER / O / TC10418	176	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause 99.
TC10419	ISDN3 / PS / U04 / S / ER / O / TC10419	177	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.

TC10420	ISDN3/PS/U04/S /ER/O/TC10420	177	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC10421	ISDN3/PS/U04/S /ER/O/TC10421	178	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC10422	ISDN3/PS/U04/S /ER/N/TC10422	178	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 97 or 98, or a STATUS ENQUIRY PDU and remains in the same state.
TC10423	ISDN3/PS/U04/S /ER/O/TC10423	179	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.
TC10424	ISDN3/PS/U04/S /ER/O/TC10424	179	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC20401	ISDN3/AC/U04/V /DI/N/TC20401	179	CALL DELIVERED STATE TESTS - STATE U4 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.
TC10701	ISDN3/PS/U07/V /DI/N/TC10701	180	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.
TC10702	ISDN3/PS/U07/V /IN/N/TC10702	180	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC10703	ISDN3/PS/U07/V /RC/N/TC10703	180	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC10704	ISDN3/PS/U07/V /RL/N/TC10704	181	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10705	ISDN3/PS/U07/V /SQ/O/TC10705	181	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10706	ISDN3/PS/U07/V /ST/N/TC10706	181	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.

TC10707	ISDN3/PS/U07/I /CN/N/TC10707	182	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10708	ISDN3/PS/U07/S /ER/O/TC10708	182	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10709	ISDN3/PS/U07/S /ER/O/TC10709	182	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10710	ISDN3/PS/U07/S /ER/O/TC10710	183	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10711	ISDN3/PS/U07/S /ER/O/TC10711	183	CALL RECEIVED STATE TEST - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10712	ISDN3/PS/U07/S /ER/O/TC10712	183	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10713	ISDN3/PS/U07/S /ER/O/TC10713	184	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10714	ISDN3/PS/U07/S /ER/O/TC10714	184	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC10715	ISDN3/PS/U07/S /ER/O/TC10715	184	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC10716	ISDN3/PS/U07/S /ER/O/TC10716	185	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC10717	ISDN3/PS/U07/S /ER/O/TC10717	185	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the state U19.
TC10718	ISDN3/PS/U07/S /ER/O/TC10718	186	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.

TC10719	ISDN3/PS/U07/S /ER/O/TC10719	186	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100..
TC10720	ISDN3/PS/U07/S /ER/N/TC10720	187	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or a STATUS ENQUIRY PDU, and remains in the same state.
TC10721	ISDN3/PS/U07/S /ER/O/TC10721	187	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.
TC10722	ISDN3/PS/U07/S /ER/O/TC10722	188	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the state U7.
TC20701	ISDN3/AC/U07/V /PG/N/TC20701	188	CALL RECEIVED STATE TESTS - STATE U7 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a PROGRESS PDU when prompted and remains in the same state.
TC10801	ISDN3/PS/U08/V /CA/N/TC10801	188	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT enters the Active state U10 on receipt of a CONNECT ACKNOWLEDGE PDU.
TC10802	ISDN3/PS/U08/V /DI/N/TC10802	189	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.
TC10803	ISDN3/PS/U08/V /IN/N/TC10803	189	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC10804	ISDN3/PS/U08/V /RC/N/TC10804	189	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC10805	ISDN3/PS/U08/V /RL/N/TC10805	190	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10806	ISDN3/PS/U08/V /SQ/O/TC10806	190	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10807	ISDN3/PS/U08/V /ST/N/TC10807	190	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.

TC10808	ISDN3/PS/U08/I /CN/N/TC10808	191	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10809	ISDN3/PS/U08/S /ER/O/TC10809	191	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10810	ISDN3/PS/U08/S /ER/O/TC10810	191	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10811	ISDN3/PS/U08/S /ER/O/TC10811	192	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10812	ISDN3/PS/U08/S /ER/O/TC10812	192	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10813	ISDN3/PS/U08/S /ER/O/TC10813	192	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10814	ISDN3/PS/U08/S /ER/O/TC10814	193	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CONNECT ACKNOWLEDGE PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC10815	ISDN3/PS/U08/S /ER/O/TC10815	193	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT ACKNOWLEDGE PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause 99.
TC10816	ISDN3/PS/U08/S /ER/O/TC10816	194	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CONNECT ACKNOWLEDGE PDU with non-mandatory information element with content error, the IUT processes the PDU and its remaining contents as valid.
TC10817	ISDN3/PS/U08/S /ER/O/TC10817	194	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10818	ISDN3/PS/U08/S /ER/O/TC10818	195	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.

TC10819	ISDN3/PS/U08/S /ER/O/TC10819	195	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC10820	ISDN3/PS/U08/S /ER/O/TC10820	195	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC10821	ISDN3/PS/U08/S /ER/N/TC10821	196	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10822	ISDN3/PS/U08/S /ER/O/TC10822	196	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.
TC10823	ISDN3/PS/U08/S /ER/O/TC10823	197	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC20801	ISDN3/AC/U08/V /13/N/TC20801	197	TIMER TESTS - TIMER T313 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T313.
TC10901	ISDN3/PS/U09/V /DI/N/TC10901	197	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.
TC10902	ISDN3/PS/U09/V /IN/N/TC10902	198	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC10903	ISDN3/PS/U09/V /RC/N/TC10903	198	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC10904	ISDN3/PS/U09/V /RL/N/TC10904	198	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10905	ISDN3/PS/U09/V /SQ/O/TC10905	199	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10906	ISDN3/PS/U09/V /ST/N/TC10906	199	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.

TC10907	ISDN3/PS/U09/I /CN/N/TC10907	199	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause 98 or 101, or a STATUS ENQUIRY PDU, and remains in the same state.
TC10908	ISDN3/PS/U09/S /ER/O/TC10908	200	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10909	ISDN3/PS/U09/S /ER/O/TC10909	200	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10910	ISDN3/PS/U09/S /ER/O/TC10910	200	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10911	ISDN3/PS/U09/S /ER/O/TC10911	201	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10912	ISDN3/PS/U09/S /ER/O/TC10912	201	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10913	ISDN3/PS/U09/S /ER/O/TC10913	201	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10914	ISDN3/PS/U09/S /ER/O/TC10914	202	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC10915	ISDN3/PS/U09/S /ER/O/TC10915	202	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause 96 and enters the Release Request state U19.
TC10916	ISDN3/PS/U09/S /ER/O/TC10916	202	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC10917	ISDN3/PS/U09/S /ER/O/TC10917	203	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.

TC10918	ISDN3/PS/U09/S /ER/O/TC10918	203	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.
TC10919	ISDN3/PS/U09/S /ER/O/TC10919	204	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC10920	ISDN3/PS/U09/S /ER/N/TC10920	204	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10921	ISDN3/PS/U09/S /ER/O/TC10921	205	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1. bits 4 - 1, length value too high) and remains in the same state.
TC10922	ISDN3/PS/U09/S /ER/O/TC10922	205	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC20901	ISDN3/AC/U09/V /PG/N/TC20901	206	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a PROGRESS PDU when prompted and remains in the same state.
TC11001	ISDN3/PS/U10/V /DI/N/TC11001	206	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.
TC11002	ISDN3/PS/U10/V /IN/N/TC11002	207	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC11003	ISDN3/PS/U10/V /NO/N/TC11003	207	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a NOTIFY PDU, the IUT does not respond and remains in the same state.
TC11004	ISDN3/PS/U10/V /RC/N/TC11004	207	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC11005	ISDN3/PS/U10/V /RL/N/TC11005	208	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the state U0.
TC11006	ISDN3/PS/U10/V /SQ/O/TC11006	208	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC11007	ISDN3/PS/U10/V /ST/N/TC11007	208	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.

TC11008	ISDN3 / PS / U10 / I / CN / N / TC11008	209	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC11009	ISDN3 / PS / U10 / S / ER / O / TC11009	209	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC11010	ISDN3 / PS / U10 / S / ER / N / TC11010	209	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the state U10.
TC11011	ISDN3 / PS / U10 / S / ER / O / TC11011	210	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC11012	ISDN3 / PS / U10 / S / ER / O / TC11012	210	ACTIVE CALL STATE TEST - U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC11013	ISDN3 / PS / U10 / S / ER / O / TC11013	210	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC11014	ISDN3 / PS / U10 / S / ER / O / TC11014	211	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC11015	ISDN3 / PS / U10 / S / ER / O / TC11015	211	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC11016	ISDN3 / PS / U10 / S / ER / O / TC11016	211	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause 96 and enters the Release Request state U19.
TC11017	ISDN3 / PS / U10 / S / ER / O / TC11017	212	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC11018	ISDN3 / PS / U10 / S / ER / O / TC11018	212	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC11019	ISDN3 / PS / U10 / S / ER / O / TC11019	213	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.

TC11020	ISDN3/PS/U10/S /ER/O/TC11020	213	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally send a STATUS PDU with cause value 100.
TC11021	ISDN3/PS/U10/S /ER/N/TC11021	214	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or a with a STATUS ENQUIRY PDU, and remains in the same state.
TC11022	ISDN3/PS/U10/S /ER/N/TC11022	214	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.
TC11023	ISDN3/PS/U10/S /ER/O/TC11023	215	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC11024	ISDN3/PS/U10/V /DI/N/TC11024	216	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of SETUP for a second call, the IUT responds with a RELEASE COMPLETE PDU, or if the IUT is able to accept a second call responds with either CALL PROCEEDING, ALERTING or a CONNECT PDU.
TC21001	ISDN3/AC/U10/V /O8/N/TC21001	217	TIMER TESTS - TIMER T308 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T308 in the active state U10.
TC21002	ISDN3/AC/U10/V /22/N/TC21002	217	TIMER TESTS - TIMER T322 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T322.
TC21003	ISDN3/AC/U10/V /DI/N/TC21003	218	ACTIVE STATE TEST - STATE U10 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.
TC21004	ISDN3/AC/U10/V /NO/N/TC21004	218	ACTIVE STATE TEST - STATE U10 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a NOTIFY PDU and remains in the same state.
TC21005	ISDN3/AC/U10/V /SP/N/TC21005	218	ACTIVE STATE TEST - STATE U10 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a SUSPEND PDU and enters the Suspend Request state U15.
TC21006	ISDN3/AC/U10/V /O5/N/TC21006	219	TIMER TESTS - TIMER T305 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T305 in this Disconnect Request state U11.
TC11101	ISDN3/PS/U11/V /DI/N/TC11101	219	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.
TC11102	ISDN3/PS/U11/V /IN/N/TC11102	220	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC11103	ISDN3/PS/U11/V /NO/N/TC11103	220	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a NOTIFY PDU, the IUT does not respond or returns a STATUS PDU and remains in the same state.

TC11104	ISDN3 / PS / U11 / V / RC / N / TC11104	220	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC11105	ISDN3 / PS / U11 / V / RL / N / TC11105	221	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC11106	ISDN3 / PS / U11 / V / ST / N / TC11106	221	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC11107	ISDN3 / PS / U11 / I / CP / N / TC11107	221	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC11108	ISDN3 / PS / U11 / S / ER / O / TC11108	222	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC11109	ISDN3 / PS / U11 / S / ER / O / TC11109	222	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC11110	ISDN3 / PS / U11 / S / ER / O / TC11110	222	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC11111	ISDN3 / PS / U11 / S / ER / O / TC11111	223	DISCONNECT REQUEST STATE TEST - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC11112	ISDN3 / PS / U11 / S / ER / O / TC11112	223	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC11113	ISDN3 / PS / U11 / S / ER / O / TC11113	223	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC11114	ISDN3 / PS / U11 / S / ER / O / TC11114	224	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC11115	ISDN3 / PS / U11 / S / ER / O / TC11115	224	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.

TC11116	ISDN3/PS/U11/S /ER/O/TC11116	224	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC11117	ISDN3/PS/U11/S /ER/O/TC11117	225	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a RELEASE PDU with unrecognised optional information element (coded comprehension required) by sending a RELEASE COMPLETE PDU with cause value 96 and enters the Null state U0.
TC11118	ISDN3/PS/U11/S /ER/O/TC11118	225	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a RELEASE PDU with unrecognised optional information element (coded comprehension not required), the IUT sends a RELEASE COMPLETE PDU with cause value 99 and enters the Null state U0.
TC11119	ISDN3/PS/U11/S /ER/O/TC11119	226	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a RELEASE PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC11120	ISDN3/PS/U11/S /ER/N/TC11120	226	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC11121	ISDN3/PS/U11/S /ER/O/TC11121	227	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC11122	ISDN3/PS/U11/S /ER/O/TC11122	227	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC11501	ISDN3/PS/U15/V /DI/N/TC11501	227	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.
TC11502	ISDN3/PS/U15/V /IN/N/TC11502	228	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond or returns a STATUS PDU and remains in the same state.
TC11503	ISDN3/PS/U15/V /NO/N/TC11503	228	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a NOTIFY PDU, the IUT does not respond or returns a STATUS PDU and remains in the same state.
TC11504	ISDN3/PS/U15/V /PA/N/TC11504	228	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a SUSPEND ACKNOWLEDGEMENT, the IUT enters to the state U0.

TC 11505	ISDN3 / PS / U15 / V / RC / N / TC11505	229	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0
TC 11506	ISDN3 / PS / U15 / V / RL / N / TC11506	229	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC 11507	ISDN3 / PS / U15 / V / SQ / O / TC11507	229	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC 11508	ISDN3 / PS / U15 / V / SR / N / TC11508	230	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a SUSPEND REJECT PDU, the IUT returns to the Active state U10.
TC 11509	ISDN3 / PS / U15 / V / ST / N / TC11509	230	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC 11510	ISDN3 / PS / U15 / I / CP / N / TC11510	230	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC 11511	ISDN3 / PS / U15 / S / ER / O / TC11511	231	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC 11512	ISDN3 / PS / U15 / S / ER / N / TC11512	231	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC 11513	ISDN3 / PS / U15 / S / ER / O / TC11513	232	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 > '0001'B) and remains in the same state.
TC 11514	ISDN3 / PS / U15 / S / ER / O / TC11514	232	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC 11515	ISDN3 / PS / U15 / S / ER / O / TC11515	232	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that the IUT ignores the receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, and remains in the same state.
TC 11516	ISDN3 / PS / U15 / S / ER / O / TC11516	233	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC 11517	ISDN3 / PS / U15 / S / ER / O / TC11517	233	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.

TC11518	ISDN3/PS/U15/S /ER/O/TC11518	233	SUSPEND REQUEST STATE TEST - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC11519	ISDN3/PS/U15/S /ER/O/TC11519	234	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC11520	ISDN3/PS/U15/S /ER/O/TC11520	234	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a SUSPEND REJECT PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC11521	ISDN3/PS/U15/S /ER/O/TC11521	234	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a SUSPEND REJECT PDU with mandatory information element missing, the IUT sends a STATUS PDU with cause value 96 and remains in the same state.
TC11522	ISDN3/PS/U15/S /ER/O/TC11522	235	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a SUSPEND REJECT PDU with mandatory information element with content error by sending a STATUS PDU with cause value 100 and remains in the same state.
TC11523	ISDN3/PS/U15/S /ER/O/TC11523	235	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a SUSPEND REJECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC11524	ISDN3/PS/U15/S /ER/O/TC11524	236	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a SUSPEND REJECT PDU with unrecognised information element (coded comprehension not required), the IUT does not respond and optionally sends a STATUS PDU with cause 99 and enters the Active state U10.
TC11525	ISDN3/PS/U15/S /ER/O/TC11525	236	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that the IUT on receipt of a RESUME REJECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC21501	ISDN3/AC/U15/V /19/N/TC21501	237	TIMER TESTS - TIMER T319 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T319 (SUSPEND ACKNOWLEDGE is transmitted after T319 timeout).
TC21502	ISDN3/AC/U15/V /19/N/TC21502	237	TIMER TESTS - TIMER T319 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T319 (SUSPEND ACKNOWLEDGE is transmitted before T319 timeout).
TC11701	ISDN3/PS/U17/V /DI/N/TC11701	238	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.

TC 11702	ISDN3 / PS / U17 / V / IN / N / TC11702	238	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond or returns a STATUS PDU and remains in the same state.
TC 11703	ISDN3 / PS / U17 / V / RA / N / TC11703	238	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RESUME ACKNOWLEDGEMENT PDU, the IUT returns to the Active state U10.
TC 11704	ISDN3 / PS / U17 / V / RC / N / TC11704	239	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC 11705	ISDN3 / PS / U17 / V / RL / N / TC11705	239	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC 11706	ISDN3 / PS / U17 / V / RR / N / TC11706	239	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RESUME REJECT PDU, the IUT returns to the Null state U0.
TC 11707	ISDN3 / PS / U17 / V / SQ / O / TC11707	240	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC 11708	ISDN3 / PS / U17 / V / ST / N / TC11708	240	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC 11709	ISDN3 / PS / U17 / I / CP / N / TC11709	240	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101 and remains in the same state.
TC 11710	ISDN3 / PS / U17 / S / ER / O / TC11710	241	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC 11711	ISDN3 / PS / U17 / S / ER / N / TC11711	241	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97 and remains in the same state.
TC 11712	ISDN3 / PS / U17 / S / ER / O / TC11712	241	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 > '0001'B) and remains in the same state.
TC 11713	ISDN3 / PS / U17 / S / ER / O / TC11713	242	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC 11714	ISDN3 / PS / U17 / S / ER / O / TC11714	242	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that the IUT ignores the receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, and remains in the same state.

TC11715	ISDN3/PS/U17/S /ER/O/TC11715	242	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC11716	ISDN3/PS/U17/S /ER/O/TC11716	243	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC11717	ISDN3/PS/U17/S /ER/O/TC11717	243	RESUME REQUEST STATE TEST - U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC11718	ISDN3/PS/U17/S /ER/O/TC11718	243	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC11719	ISDN3/PS/U17/S /ER/O/TC11719	244	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a RESUME REJECT PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC11720	ISDN3/PS/U17/S /ER/O/TC11720	244	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a RESUME REJECT PDU with mandatory information element missing, the IUT sends a STATUS PDU with cause value 96 and remains in the same state.
TC11721	ISDN3/PS/U17/S /ER/O/TC11721	244	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a RESUME REJECT PDU with mandatory information element with content error by sending a STATUS PDU with cause value 100 and remains in the same state.
TC11722	ISDN3/PS/U17/S /ER/O/TC11722	245	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a RESUME REJECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC11723	ISDN3/PS/U17/S /ER/O/TC11723	245	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a RESUME REJECT PDU with unrecognised information element (coded comprehension not required), the IUT does not respond and optionally sends a STATUS PDU with cause 99 and remains in the same state.
TC11724	ISDN3/PS/U17/S /ER/O/TC11724	246	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a RESUME REJECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC21701	ISDN3/AC/U17/V /18/N/TC21701	246	TIMER TESTS - TIMER T318 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T318.

TC11901	ISDN3/PS/U19/V /DIO/TC11901	247	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT remains in the same state.
TC11902	ISDN3/PS/U19/V /IN/N/TC11902	247	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC11903	ISDN3/PS/U19/V /RC/N/TC11903	247	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC11904	ISDN3/PS/U19/V /RL/N/TC11904	248	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT does not respond and enters the Null state U0.
TC11905	ISDN3/PS/U19/V /SQ/O/TC11905	248	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC11906	ISDN3/PS/U19/V /ST/N/TC11906	248	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC11907	ISDN3/PS/U19/V /ST/N/TC11907	249	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Release Request state U19, the IUT does not respond and remains in the same state.
TC11908	ISDN3/PS/U19/I /CP/N/TC11908	249	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC11909	ISDN3/PS/U19/S /ER/N/TC11909	250	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC11910	ISDN3/PS/U19/S /ER/O/TC11910	250	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC11911	ISDN3/PS/U19/S /ER/O/TC11911	251	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC11912	ISDN3/PS/U19/S /ER/O/TC11912	251	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an invalid protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC11913	ISDN3/PS/U19/S /ER/O/TC11913	251	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.

TC11914	ISDN3/PS/U19/S /ER/O/TC11914	252	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC11915	ISDN3/PS/U19/S /ER/O/TC11915	252	RELEASE REQUEST STATE TEST - U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC11916	ISDN3/PS/U19/S /ER/O/TC11916	252	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC11917	ISDN3/PS/U19/S /ER/O/TC11917	253	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC11918	ISDN3/PS/U19/S /ER/O/TC11918	253	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC11919	ISDN3/PS/U19/S /ER/O/TC11919	253	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that on receipt of a RELEASE COMPLETE PDU with unrecognised information element (coded comprehension required), the IUT does not respond and enters the Null state U0.
TC11920	ISDN3/PS/U19/S /ER/O/TC11920	254	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a RELEASE COMPLETE PDU with unrecognised information element (coded comprehension not required), the IUT does not respond and enters the Null state U0.
TC11921	ISDN3/PS/U19/S /ER/O/TC11921	254	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a RELEASE COMPLETE PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC12501	ISDN3/PS/U25/V /DI/N/TC12501	255	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT sends a RELEASE PDU and enters the Release Request state U19.
TC12502	ISDN3/PS/U25/V /IN/N/TC12502	255	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU without sufficient called number information element, the IUT does not respond and remains in the same state.
TC12503	ISDN3/PS/U25/V /IN/N/TC12503	256	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU with sufficient called number information element, the IUT responds with a CALL PROCEEDING, ALERTING or a CONNECT PDU and enters the Incoming Call Proceeding state U9, the Call Received state U7 or the Connect Request state U8.

TC 1 2 5 0 4	I S D N 3 / P S / U 2 5 / V / R C / N / T C 1 2 5 0 4	256	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC 1 2 5 0 5	I S D N 3 / P S / U 2 5 / V / R L / N / T C 1 2 5 0 5	257	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC 1 2 5 0 6	I S D N 3 / P S / U 2 5 / V / S Q / O / T C 1 2 5 0 6	257	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC 1 2 5 0 7	I S D N 3 / P S / U 2 5 / V / S T / N / T C 1 2 5 0 7	257	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC 1 2 5 0 8	I S D N 3 / P S / U 2 5 / I / C N / N / T C 1 2 5 0 8	258	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or a STATUS ENQUIRY PDU, and remains in the same state.
TC 1 2 5 0 9	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 0 9	258	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC 1 2 5 1 0	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 1 0	258	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC 1 2 5 1 1	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 1 1	259	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC 1 2 5 1 2	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 1 2	259	OVERLAP RECEIVING STATE TEST - U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC 1 2 5 1 3	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 1 3	259	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC 1 2 5 1 4	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 1 4	260	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC 1 2 5 1 5	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 1 5	260	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.

TC 1 2 5 1 6	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 1 6	260	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing, the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC 1 2 5 1 7	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 1 7	261	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC 1 2 5 1 8	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 1 8	261	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC 1 2 5 1 9	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 1 9	262	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.
TC 1 2 5 2 0	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 2 0	262	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC 1 2 5 2 1	I S D N 3 / P S / U 2 5 / S / E R / N / T C 1 2 5 2 1	263	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC 1 2 5 2 2	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 2 2	263	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC 1 2 5 2 3	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 2 3	263	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC 2 2 5 0 1	I S D N 3 / A C / U 2 5 / V / O 2 / N / T C 2 2 5 0 1	264	TIMER TESTS - TIMER T302 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of timer T302 if overlap receiving has been implemented.
TC 2 2 5 0 2	I S D N 3 / A C / U 2 5 / V / P G / N / T C 2 2 5 0 2	265	OVERLAP RECEIVING STATE TESTS - STATE U25 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a PROGRESS PDU when prompted and remains in the same state.
PR 3 0 0 0 1	I S D N 3 / P R / U 0 0 / V / P R / A / P R 3 0 0 0 1	265	To bring the IUT to the Null state U0.
PR 3 0 1 0 1	I S D N 3 / P R / U 0 1 / V / P R / A / P R 3 0 1 0 1	266	To bring the IUT to the Call Initiated state U1.
PR 3 0 2 0 1	I S D N 3 / P R / U 0 2 / V / P R / A / P R 3 0 2 0 1	266	To bring the IUT to the Overlap Sending state U2.
PR 3 0 3 0 1	I S D N 3 / P R / U 0 3 / V / P R / A / P R 3 0 3 0 1	266	To bring the IUT to the Outgoing Call Proceeding state U3.
PR 3 0 4 0 1	I S D N 3 / P R / U 0 4 / V / P R / A / P R 3 0 4 0 1	267	To bring the IUT to the Call Delivered state U4.
PR 3 0 7 0 1	I S D N 3 / P R / U 0 7 / V / P R / A / P R 3 0 7 0 1	267	To bring the IUT to the Call Received state U7.

PR30801	ISDN3 / PR / U08 / V / PR / A / PR30801	268	To bring the IUT to the Connect Request state U8.
PR30901	ISDN3 / PR / U09 / V / PR / A / PR30901	268	To bring the IUT to the Incoming Call Proceeding state U9.
PR31001	ISDN3 / PR / U10 / V / PR / A / PR31001	268	To bring the IUT to the Active state U10.
PR31101	ISDN3 / PR / U11 / V / PR / A / PR31101	268	To bring the IUT to the Disconnect Request state U11.
PR31501	ISDN3 / PR / U15 / V / PR / A / PR31501	269	To bring the IUT to the Suspend Request state U15.
PR31701	ISDN3 / PR / U17 / V / PR / A / PR31701	269	To bring the IUT to the Resume Request state U17.
PR31901	ISDN3 / PR / U19 / V / PR / A / PR31901	270	To bring the IUT to the Release Request state U19 via the states U6-U7 or U6-U8 or U6-U9 or U6-U25.
PR32501	ISDN3 / PR / U25 / V / PR / A / PR32501	270	To bring the IUT to the Overlap Receiving state U25.
PO49901	ISDN3 / PO / UAL / V / PO / A / PO49901	271	To bring the IUT to the Null state U0.
CS50001	ISDN3 / MS / U00 / V / MS / A / CS50001	271	To check the IUT Null call state U0.
CS59901	ISDN3 / MS / UAL / V / MS / A / CS59901	272	To check the IUT call states and the cause values.
UM59902	ISDN3 / MS / UAL / V / MS / A / UM59902	272	To allow without verdict the receipt of INFO, NOTIFY, STATUS ENQUIRY or any Q.932 PDU during the test body execution.
DF69901	ISDN3 / DF / UAL / V / DF / A / DF69901	273	Default subtree for all test cases.

A.2 Declarations part

USER TYPE DEFINITIONS			
NAME	BASE TYPE	DEFINITION	COMMENTS
Q932_MT_LIST #	OCTETSTRING	('24'O, '28'O, '30'O, '31'O, '33'O, '37'O, '62'O, '64'O)	MTs: HOLD, HOLD_ACK, HOLD_REJ, RETRIEVE, RET_ACK, RET_REJ FACILITY, REGISTER
CAU_I	BITSTRING	('00001000'B)	Cause id type
CDPN_I	BITSTRING	('01110000'B)	Called party number id type
CDPS_I	BITSTRING	('01110001'B)	Called party subadd. id type
CGPN_I	BITSTRING	('01101100'B)	Calling party number id type
CGPS_I	BITSTRING	('01101101'B)	Calling party subadd. id type
CHI_I	BITSTRING	('00011000'B)	Channel identification id type
CID_I	BITSTRING	('00010000'B)	Call identity id type
CODN_I	BITSTRING	('01001100'B)	Connected party number id type
CODS_I	BITSTRING	('01001101'B)	Connected subaddress id type
CST_I	BITSTRING	('00010100'B)	Call state id type
DSP_I	BITSTRING	('00101000'B)	Display id type
EFAC_I	BITSTRING	('00001101'B)	Extended Facility id type
FAC_I	BITSTRING	('00011100'B)	Facility id type
KPF_I	BITSTRING	('00101100'B)	Keypad facility id type
NSF_I	BITSTRING	('00100000'B)	Network-specific fac. id type
NOID_I	BITSTRING	('00100111'B)	Notification indicator id type
PI_I	BITSTRING	('00011110'B)	Progress indicator id type
RI_I	BITSTRING	('01111001'B)	Restart indicator id type
TNS_I	BITSTRING	('01111000'B)	Transit network sel. id type
UUI_I	BITSTRING	('01111110'B)	User-user information id type
SCI	BITSTRING	('10100001'B)	Sending complete type

OPERATION DEFINITION		
OPERATION NAME	TIME (TMAX, TMIN, T: INTEGER)	
RESULT TYPE	BOOLEAN	
DESCRIPTION		
TIME(TMAX, TMIN, T) returns the Boolean value TRUE if TMIN <= T <= TMAX otherwise it returns the Boolean value FALSE		
For example: TIME(100,90,95) = TRUE TIME(100,90,85) = FALSE		

OPERATION DEFINITION		
OPERATION NAME	INT_TO_BIT(intvalue,slength: INTEGER)	
RESULT TYPE	BITSTRING	
DESCRIPTION		
INT_TO_BIT(intvalue,slength) This operation converts a single INTEGER value to a single BITSTRING value. The resulting string is slength bits long.		
For example: INT_TO_BIT(7,4) = '0111'B INT_TO_BIT(99,7) = '1100011'B		

OPERATION DEFINITION		
OPERATION NAME	BIT_TO_INT(bitvalue:BITSTRING)	
RESULT TYPE	INTEGER	
DESCRIPTION		
BIT_TO_INT(bitvalue) This operation converts a single BITSTRING value to a single INTEGER value.		
For example: BIT_TO_INT('0111'B) = 7 BIT_TO_INT('1100011'B) = 99		

TEST SUITE VARIABLES			
NAME	TYPE	VALUE	COMMENTS
CIDSP #	OCTETSTRING	'0	used to store the CID element of SUSPEND

TEST SUITE PARAMETERS			
NAME	TYPE	PICS/PIXIT REF.	COMMENTS
BT302	BOOLEAN	TM2 / -	optional timer T302
BT303	BOOLEAN	TM3 / -	optional timer T303
BT304	BOOLEAN	TM4 / -	optional timer T304
BT310	BOOLEAN	TM10 / -	optional timer T310
BT318	BOOLEAN	TM16 / -	optional timer T318
BT319	BOOLEAN	TM17 / -	optional timer T319
BT322	BOOLEAN	TM19 / -	optional timer T322
T302max	INTEGER	- /2.2	T302max = T302 + 5% ; default: 15750 ms
T302min	INTEGER	- /2.2	T302min = T302 - 5% ; default: 14250 ms
T303max	INTEGER	- /2.3	T303max = T303 + 5% ; default: 4200 ms
T303min	INTEGER	- /2.3	T303min = T303 - 5% ; default: 3800 ms
T304max	INTEGER	- /2.4	T304max = T304 + 5% ; default: 31500 ms
T304min	INTEGER	- /2.4	T304min = T304 - 5% ; default: 28500 ms
T305max	INTEGER	- /2.5	T305max = T305 + 5% ; default: 31500 ms
T305min	INTEGER	- /2.5	T305min = T305 - 5% ; default: 28500 ms
T308max	INTEGER	- /2.6	T308max = T308 + 5% ; default: 4200 ms
T308min	INTEGER	- /2.6	T308min = T308 - 5% ; default: 3800 ms
T310max	INTEGER	- /2.7	T310max = T310 + 5% ; default: 42 sec
T310min	INTEGER	- /2.7	T310min = T310 - 5% ; default: 38 sec
T313max	INTEGER	- /2.8	T313max = T313 + 5% ; default: 4200 ms
T313min	INTEGER	- /2.8	T313min = T313 - 5% ; default: 3800 ms
T316max	INTEGER	- /2.9	T316max = T316 + 5% ; default: 126 sec
T318max	INTEGER	- /2.11	T318max = T318 + 5% ; default: 4200 ms
T318min	INTEGER	- /2.11	T318min = T318 - 5% ; default: 3800 ms
T319max	INTEGER	- /2.12	T319max = T319 + 5% ; default: 4200 ms
T319min	INTEGER	- /2.12	T319min = T319 - 5% ; default: 3600 ms
T322max	INTEGER	- /2.13	T322max = T322 + 5% ; default: 4200 ms
T322min	INTEGER	- /2.13	T322min = T322 - 5% ; default: 3800 ms
BSPRE	BOOLEAN	MC6 / -	call rearrangement implemented
BCP	BOOLEAN	MT2 / -	call proceeding implemented
BDL	BOOLEAN	MC2.5 / -	broadcast data link used
EBS	BOOLEAN	MC1.1 / -	true, if called party i.e. and SCI i.e.
#		IET4,IET24	included in the SETUP
OVR	BOOLEAN	MC2.2 / -	overlap receiving implemented
OVS	BOOLEAN	MC1.2 / -	overlap sending used
BAL	BOOLEAN	MT1 / -	ALERT PDU implemented
BCA	BOOLEAN	MT5 / -	CONN_ACK PDU implemented
BNO	BOOLEAN	MT9 / -	NOTIFY PDU implemented
BPG	BOOLEAN	MT10 / -	PROGRESS PDU implemented
BCAPV	OCTETSTRING	IS1 /1.1	bearer capability value
IBCAP	OCTETSTRING	IS1 /1.2	incompatible bearer capability value
LIPN	OCTETSTRING	IET4,IER4 /1.6	party number length value
IPN	OCTETSTRING	IET4,IER4 /1.6	party number value
INCOMP_LPN	OCTETSTRING	IER4 /1.7	length value for incomplete party number
INCOMP_PN	OCTETSTRING	IER4 /1.7	incomplete party number value
CDPN_OCTET3	OCTETSTRING	IET4,IER4 /1.6	octet 3 of the called party number,
#			type of number and numbering plan identifier
LLCV	OCTETSTRING	IS4 /1.5	low layer compatibility value
HLCV	OCTETSTRING	IS3 /1.3	high layer compatibility value
IHLC1	OCTETSTRING	IS3 /1.4	incompatible high layer compatibility value
CAU_LOC	BITSTRING	IET8 /1.8	octet 3, Bit 4-1 of the cause information
#			element: location (Bitstring[4])
SU_LLC	BOOLEAN	IET16 / -	low layer compat. supported
SU_HLC	BOOLEAN	IET14 / -	high layer compat. supported
U7_MAINT	BOOLEAN	- /4.1	STATE U7 maintained
#			true, if U7 > 3s and U7 ability = YES
#			false, if U7 < 3s or U7 ability = NO
U9_MAINT	BOOLEAN	- /4.2	STATE U9 maintained
#			true, if U9 > 3s and U9 ability = YES
#			false, if U9 < 3s or U9 ability = NO
IBCC	BOOLEAN	SC5.1 / -	Incoming BC check
IHLCC	BOOLEAN	SC8 / -	Incoming HLC check
BXCON	BOOLEAN	MT4 /3.1	<IUT!CONN>
BXDIS	BOOLEAN	MT6 /3.2	<IUT!DISC>
BXINF	BOOLEAN	MT8 /3.3	<IUT!INFO>
BXNOT	BOOLEAN	MT9 /3.4	<IUT!NOTIFY>
BXPRO	BOOLEAN	MT10 /3.5	<IUT!PROG>
BXRES	BOOLEAN	MT15 /3.7	<IUT!RES>
BXSET	BOOLEAN	MT19 /3.8	<IUT!SETUP>
BXSTQ	BOOLEAN	MT22 /3.9	<IUT!ST_ENQ>
BXSUS	BOOLEAN	MT23 /3.10	<IUT!SUSP>

TEST CASE VARIABLES			
NAME	TYPE	VALUE	COMMENTS
C	INTEGER	0	used as retransmission counter
D	INTEGER	0	used to store DISC cause element
T	INTEGER	0	used to store the current time
#			of a running timer
ECV	INTEGER	-1	Expected Cause value
bch_num	BITSTRING	'10001001'B	used to store octet 3 of the channel
#			identification information element BITSTRING[8]
STAT_TRANSM	BOOLEAN	FALSE	used to handle the reception of STATUS PDUs
NOT_FL	INTEGER	0	used to invert flag
CREF	BITSTRING	'0000001'B	call reference value BITSTRING[7]

TIMER DECLARATIONS			
TIMER Name	DURATION	UNITS	COMMENTS
T302MAX	T302max	ms	U25 SETUP_ACK sent
T303MAX	T303max	ms	U1 SETUP sent
T304MAX	T304max	ms	U2 INFO sent
T305MAX	T305max	ms	U11 DISC sent (mandatory timer)
T308MAX	T308max	ms	U19 REL sent (mandatory timer)
T310MAX	T310max	sec	U3 CALL_PROC received
T313MAX	T313max	ms	U8 CONN sent (mandatory timer)
T316MAX	T316max	sec	REST1 RESTART sent
T318MAX	T318max	ms	U17 RES sent
T319MIN	T319min	ms	U15
T319MAX	T319max	ms	U15 SUSP sent
T322MAX	T322max	ms	any STATUS ENQUIRY sent
TWAIT	189	sec	any LT is waiting for IUT initiated
#			test event
#			(timer used for test synchronisation)
TAC	32	sec	any LT is waiting for IUT initiated
#			test event (2)
#			(timer used for test synchronisation)
TNOAC	2	sec	any LT is controlling IUT inactivity
#			(timer used for test synchronisation)

TEST EVENT ABBREVIATIONS			
ABBREVIATION	EXPANSION		COMMENTS
ALERT	DL_DAT_RQ	<MUN ^ ALERT>	ALERT pdu
CALL_PROC	DL_DAT_RQ	<MUN ^ CALL_PROC>	CALL_PROC pdu
CALL_PROC_ERROR	DL_DAT_RQ	<MUN ^ CALL_PROC_ERROR>	Invalid CALL_PROC pdu
CONN	DL_DAT_RQ	<MUN ^ CONN>	CONN pdu
CONN_ERROR	DL_DAT_RQ	<MUN ^ CONN_ERROR>	InvalidCONN pdu
CONN_ACK	DL_DAT_RQ	<MUN ^ CONN_ACK>	CONN_ACK pdu
CONN_ACK_ERROR	DL_DAT_RQ	<MUN ^ CONN_ACK_ERROR>	Invalid CONN_ACK pdu
DISC	DL_DAT_RQ	<MUN ^ DISC>	DISC pdu
DISC_ERROR	DL_DAT_RQ	<MUN ^ DISC_ERROR>	InvalidDISC pdu
INFO	DL_DAT_RQ	<MUN ^ INFO>	INFO pdu
NOTIFY	DL_DAT_RQ	<MUN ^ NOTIFY>	NOTIFY pdu
PROG	DL_DAT_RQ	<MUN ^ PROG>	PROG pdu
REL	DL_DAT_RQ	<MUN ^ REL>	REL pdu
REL_ERROR	DL_DAT_RQ	<MUN ^ REL_ERROR>	Invalid REL pdu
REL_COM	DL_DAT_RQ	<MUN ^ REL_COM>	REL_COM pdu
REL_COM_ERROR	DL_DAT_RQ	<MUN ^ REL_COM_ERROR>	Invalid REL_COM pdu
RESTART_ACK	DL_DAT_RQ	<MUN ^ RESTART_ACK>	RESTART_ACK pdu
RES_ACK	DL_DAT_RQ	<MUN ^ RES_ACK>	RES_ACK pdu
RES_REJ	DL_DAT_RQ	<MUN ^ RES_REJ>	RES_REJ pdu
RES_REJ_ERROR	DL_DAT_RQ	<MUN ^ RES_REJ_ERROR>	Invalid RES_REJ pdu
SETUP_P	DL_DAT_RQ	<MUN ^ SETUP>	SETUP via point-to-point
SETUP	DL_UDAT_RQ	<MUN ^ SETUP>	SETUP via broadcast
SETUP_ERROR	DL_UDAT_RQ	<MUN ^ SETUP_ERROR>	Invalid SETUP via broadcast
SETUP_ACK	DL_UDAT_RQ	<MUN ^ SETUP_ACK>	SETUP_ACK pdu
STATUS	DL_DAT_RQ	<MUN ^ STATUS>	STATUS pdu
ST_ENQ	DL_DAT_RQ	<MUN ^ ST_ENQ>	ST_ENQ pdu
SUSP_ACK	DL_DAT_RQ	<MUN ^ SUSP_ACK>	SUSP_ACK pdu
SUSP_REJ	DL_DAT_RQ	<MUN ^ SUSP_REJ>	SUSP_REJ pdu
SUSP_REJ_ERROR	DL_DAT_RQ	<MUN ^ SUSP_REJ_ERROR>	Invalid SUSP_REJ pdu
ERR_SHORT	DL_DAT_RQ	<MUN ^ ERR_SHORT>	ERROR pdu
ALERTr	DL_DAT_IN	<MUN ~ ALERT>	ALERT pdu
CALL_PROCr	DL_DAT_IN	<MUN ~ CALL_PROC>	CALL_PROC pdu
CONNr	DL_DAT_IN	<MUN ~ CONN>	CONN pdu
CONN_ACKr	DL_DAT_IN	<MUN ~ CONN_ACK>	CONN_ACK pdu
DISCr	DL_DAT_IN	<MUN ~ DISC>	DISC pdu
INFOr	DL_DAT_IN	<MUN ~ INFO>	INFO pdu
Q932_MSGr	DL_DAT_IN	<MUN ~ Q932_MSG>	Q932 pdu
NOTIFYr	DL_DAT_IN	<MUN ~ NOTIFY>	NOTIFY pdu
PROGr	DL_DAT_IN	<MUN ~ PROG>	PROG pdu
RELr	DL_DAT_IN	<MUN ~ REL>	REL pdu
REL_COMr	DL_DAT_IN	<MUN ~ REL_COM>	REL_COM pdu
RESTARTr	DL_DAT_IN	<MUN ~ RESTART>	RESTART pdu
RESr	DL_DAT_IN	<MUN ~ RES>	RES pdu
SETUPr	DL_DAT_IN	<MUN ~ SETUP>	SETUP pdu
SETUP_ACKr	DL_DAT_IN	<MUN ~ SETUP_ACK>	SETUP_ACK pdu
STATUSr	DL_DAT_IN	<MUN ~ STATUS>	STATUS pdu
ST_ENQr	DL_DAT_IN	<MUN ~ ST_ENQ>	ST_ENQ pdu
SUSPr	DL_DAT_IN	<MUN ~ SUSP>	SUSP pdu

PCO DECLARATIONS			
NAME	TYPE	ROLE	COMMENTS
L	SAP	LT	SAP at the lower tester controlling and observing the exchange of call control PDUs (messages) on the ISDN layer 3 D-channel.
#			The lower tester is the user of the data link layer service.
#			
#			
#			

ASP DECLARATION		
ASP NAME	PCO TYPE	COMMENTS
DL_EST_RQ (DL_ESTABLISH_Request)	SAP	CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to request the establishment of multiple frame operation (L3 ---> L2)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME	PCO TYPE	COMMENTS
DL_EST_IN (DL_ESTABLISH_Indication)	SAP	CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to indicate the establishment of multiple frame operation (L2 ---> L3)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME	PCO TYPE	COMMENTS
DL_EST_CO (DL_ESTABLISH_Confirm)	SAP	CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to confirm the establishment of multiple frame operation (L2 ---> L3)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME	PCO TYPE	COMMENTS
DL_REL_RQ (DL_RELEASE_Request)	SAP	CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to request the termination of an established multiple frame operation (L3 ---> L2)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME	PCO TYPE	COMMENTS
DL_REL_IN (DL_RELEASE_Indication)	SAP	CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to indicate the termination of an established multiple frame operation or to report an unsuccessful establishment attempt (L2 ---> L3)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME	PCO TYPE	COMMENTS
DL_REL_CO (DL_RELEASE_Confirm)	SAP	CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to confirm the termination of an established multiple frame operation (L2 ---> L3)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME DL_DAT_RQ (DL_DATA_Request)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to request the transmission of layer-3 pdus (L3 ---> L2)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS
MUN (Message Unit) # #	OCTETSTRING	contains network layer (peer-to-peer message) pdu. acknowledged operation used.

ASP DECLARATION		
ASP NAME DL_DAT_IN (DL_DATA_Indication)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to indicate the re- ceipt of layer-3 pdus (L2 ---> L3)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS
MUN (Message Unit) # #	OCTETSTRING	contains network layer (peer-to-peer message) pdu. acknowledged operation used.

ASP DECLARATION		
ASP NAME DL_UDAT_RQ (DL_UNIT_DATA-Request)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to request the transmission of layer-3 pdus using unacknowledged operation (L3 ---> L2)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS
MUN (Message Unit) # # # # #	OCTETSTRING	contains network layer (peer-to-peer message) pdu. Unacknowledged operation is only used on basic access interface structures to provide point-to-multipoint operation.

ASP DECLARATION		
ASP NAME DL_UDAT_IN (DL_UNIT_DATA_Indication)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to indicate the re- ceipt of layer-3 pdus using unacknowledged operation (L3 ---> L2)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS
MUN (Message Unit) # #	OCTETSTRING	contains network layer (peer-to-peer message) pdu. Unacknowledged operation used.

PDU TYPE DECLARATION		
PDU NAME ALERT	PCO TYPE SAP	COMMENTS ALERTing u <-> n Ref. to Recommendation:3.1.1
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..3]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
UII	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS The CHI parameter is mandatory if this message is the first message in response to a SETUP PDU unless the user accepts the specified B-channel in the SETUP PDU.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
CALL_PROC	SAP	CALL PROCeeding u <-> n local Ref. to Recommendation:3.1.2
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..3]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		
The CHI parameter is mandatory if this message is the first message in response to a SETUP PDU unless the user accepts the specified B-channel in the SETUP PDU.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
CALL_PROC_ERROR	SAP	Invalid CALL PROCeeding
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
EFAC	GROUP	extended facility
CHI	GROUP	channel identification
FAC	GROUP	facility
PI	GROUP	progress indicator
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
PI_2	GROUP	2nd progress indicator
DSP_2	GROUP	2nd display (n ->u)
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
CONN	SAP	CONNect u <-> n Ref. to Recommendation:3.1.4
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..3]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
CODN	GROUP	connected number O OCTETSTRING[2..24]
CODS	GROUP	connected subaddress O OCTETSTRING[2..24]
LLC	OCTETSTRING[0..16]	low layer compatib. O
UUI	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS		
The CHI parameter is mandatory if this message is the first message in response to a SETUP PDU unless the user accepts the specified B-channel in the SETUP PDU.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
CONN_ERROR	SAP	Invalid CONNect
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
EFAC	GROUP	extended facility
CHI	GROUP	channel identification
FAC	GROUP	facility]
PI	GROUP	progress indicator]
NOID	GROUP	notification indicator
DSP	GROUP	2nd display (n ->u)
PI_2	GROUP	2nd progress indicator]
DSP_2	GROUP	display (n ->u)
CODN	GROUP	connected number
CODS	GROUP	connected subaddress
LLC	OCTETSTRING[0..16]	low layer compatib.
UII	GROUP	user-user information
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
CONN_ACK	SAP	CONNect ACKnowledge u <-> n local Ref. to Recommendation:3.1.5
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..3]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
CONN_ACK_ERROR	SAP	Invalid CONNect ACKnowledge
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
EFAC	GROUP	extended facility
CHI	GROUP	channel identification
FAC	GROUP	facility
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
DSP_2	GROUP	2nd display (n ->u)
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
DISC	SAP	DISConnect u <-> n Ref. to Recommendation:3.1.6
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause O OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
UII	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
DISC_ERROR	SAP	Invalid DISConnect
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
CAU	GROUP	cause
CAU_2	GROUP	2nd cause
EFAC	GROUP	extended facility
FAC	GROUP	facility
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
PI	GROUP	progress indicator
DSP_2	GROUP	2nd display (n ->u)
UII	GROUP	user-user information
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
INFO	SAP	INformation u <-> n local Ref. to Recommendation:3.1.8
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
SCI	SCI	sending complete information O BITSTRING[8]
CAU	GROUP	cause O OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
KPF	GROUP	keypad facility (n ->u) O OCTETSTRING[2..34]
CDPN	GROUP	called party number O OCTETSTRING[2..23]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
NOTIFY	SAP	NOTIFY u <-> n access Ref. to Recommendation:3.1.9
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
NOID	GROUP	notification indicator M OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
PROG	SAP	PROGress u <-> n Ref. to Recommendation:3.1.10
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause O OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator M OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
UII	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
Q932_MSG	SAP	u -> n Ref. to Recommendation:Q.932
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2..3]
MT	Q932_MT_LIST	message type M BITSTRING[8]
IE_LIST	OCTETSTRING	information elements O
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
REL	SAP	RElease u <-> n local Ref. to Recommendation:3.1.11
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause C OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
UUI	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS This PDU has global significance when used as the first clearing PDU. The CAU parameter is mandatory if the REL PDU is the first clearing PDU or if the REL PDU is sent as a result of timer T305 expiry.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
REL_ERROR	SAP	Invalid RElease
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
DSP_0	GROUP	display out of sequence
CAU	GROUP	cause
CAU_2	GROUP	2nd cause
EFAC	GROUP	extended facility
FAC	GROUP	facility
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
DSP_2	GROUP	2nd display (n ->u)
UUI	GROUP	user-user information
EXTENDED COMMENTS The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
REL_COM	SAP	RElease COMplete u <-> n local Ref. to Recommendation:3.1.12
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause C OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
UUI	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS This PDU has global significance when used as the first clearing PDU. The CAU parameter is mandatory if the REL PDU is the first clearing PDU or if the REL PDU is sent as a result of timer T305 expiry.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
REL_COM_ERROR	SAP	Invalid RELease COmplete
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
DSP_0	GROUP	display out of sequence
CAU	GROUP	cause
CAU_2	GROUP	2nd cause
EFAC	GROUP	extended facility
FAC	GROUP	facility
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
DSP_2	GROUP	2nd display (n ->u)
UII	GROUP	user-user information
EXTENDED COMMENTS The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
RES	SAP	RESume u -> n local Ref. to Recommendation:3.1.13
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CID	GROUP	call identity O OCTETSTRING[2..10]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
EXTENDED COMMENTS The CID parameter is included when the SUSP PDU which had suspended the call included a call identity information element.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
RES_ACK	SAP	RESume ACKnowledge n -> u local Ref. to Recommendation:3.1.14
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification M OCTETSTRING[2..3]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
RES_REJ	SAP	RESume REJect n -> u local Ref. to Recommendation:3.1.15
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause M OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
RES_REJ_ERROR	SAP	Invalid RESume REJect
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
CAU	GROUP	cause
CAU_2	GROUP	2nd cause
EFAC	GROUP	extended facility
FAC	GROUP	facility
NOID	GROUP	notification indicator
DSP	GROUP	display
DSP_2	GROUP	2nd display
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
RESTART	SAP	RESTART u <-> n local Ref. to Recommendation:3.4.1
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
CHI	GROUP	channel identification O OCTETSTRING[2..3]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
RI	GROUP	restart indicator O OCTETSTRING[3]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
RESTART_ACK	SAP	RESTART ACKnowledge u <-> n local Ref. to Recommendation:3.4.2
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
CHI	GROUP	channel identification O OCTETSTRING[2..3]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
RI	GROUP	restart indicator O OCTETSTRING[3]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
SETUP	SAP	SETUP u <-> n Ref. to Recommendation:3.1.16
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
SCI	SCI	sending compl. information O BITSTRING[8]
BCAP	OCTETSTRING[4..13]	bearer capab. n ->u M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..3]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NSF	GROUP	net. specific facil. O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
KPF	GROUP	keypad facility n ->u O OCTETSTRING[2..34]
CGPN	GROUP	calling party number O OCTETSTRING[2..24]
CGPS	GROUP	calling party subaddr. O OCTETSTRING[2..23]
CDPN	GROUP	called party number O OCTETSTRING[2..24]
CDPS	GROUP	called party subaddr. O OCTETSTRING[2..23]
TNS	GROUP	transit net. select. O OCTETSTRING[2..254]
LLC	OCTETSTRING[0..16]	low layer compatib. O
HLC	OCTETSTRING[0..4]	high layer compat. O
UUI	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS		
The SCI parameter may appear at any point in the message. The CHI parameter is mandatory in the direction n->u. When not included, it is interpreted as "any channel acceptable".		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
SETUP_ERROR	SAP	Invalid SETUP
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
SCI	SCI	sending compl. information
BCAP	OCTETSTRING[4..13]	bearer capab. n ->u
EFAC	GROUP	extended facility
CHI	GROUP	channel identification
BCAP_2	OCTETSTRING[4..13]	bearer capab. out of sequence
FAC	GROUP	facility
PI	GROUP	progress indicator
PI_2	GROUP	2nd progress indicator
NSF	GROUP	net. specific facil.
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
DSP_2	GROUP	2nd display (n ->u)
KPF	GROUP	keypad facility n ->u
CGPN	GROUP	calling party number
CGPS	GROUP	calling party subaddr.
CDPN	GROUP	called party number
PI_3	GROUP	progress indicator out of sequence
CDPS	GROUP	called party subaddr.
TNS	GROUP	transit net. select.
LLC	OCTETSTRING[0..16]	low layer compatib.
HLC	OCTETSTRING[0..4]	high layer compat.
UUI	GROUP	user-user information
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
SETUP_ACK	SAP	SETUP ACKnowledge u <-> n local Ref. to Recommendation:3.1.17
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..3]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		
The CHI parameter is mandatory in all cases except when the user accepts the specified B-channel.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
STATUS	SAP	STATUS u <-> n local Ref. to Recommendation:3.1.18
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause M OCTETSTRING[2..32]
CST	GROUP	call state M OCTETSTRING[3]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
ST_ENQ	SAP	Status_ENquiry u <-> n local Ref. to Recommendation:3.1.19
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
SUSP	SAP	SUSPend u -> n local Ref. to Recommendation:3.1.20
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CID	GROUP	call identity O OCTETSTRING[2..10]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
SUSP_ACK	SAP	SUSPend_ACKnowledge n -> u local Ref. to Recommendation:3.1.21
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
SUSP_REJ	SAP	SUSPend REJect n -> u local Ref. to Recommendation:3.1.22
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause M OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
SUSP_REJ_ERROR	SAP	Invalid SUSPend REJect
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
CAU	GROUP	cause
CAU_2	GROUP	2nd cause
EFAC	GROUP	extended facility
FAC	GROUP	facility
NOID	GROUP	notification indicator
DSP	GROUP	display
DSP_2	GROUP	2nd display
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
ERR_SHORT	SAP	Invalid PDU
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
MT	BITSTRING[8]	message type
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME		COMMENTS
CAU		Info Element CAUse 4.5.12
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CAU_I	CAU_I	Identifier
CAU_L	BITSTRING[8]	Length
CAU_E3_EB	BITSTRING[1]	Extension bit
CAU_E3_CS	BITSTRING[3]	Coding standard and spare bit
CAU_E3_LOC	BITSTRING[4]	Location
CAU_E3A	BITSTRING[8]	Recommendation
CAU_E4_EB	BITSTRING[1]	Extension bit
CAU_E4_CV	BITSTRING[7]	Cause value
CAU_DI	OCTETSTRING[1..28]	Diagnostics
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME		COMMENTS
CAU_2		Info Element CAUse 4.5.12
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CAU_2I	CAU_I	Identifier
CAU_2L	BITSTRING[8]	Length
CAU_2E3_EB	BITSTRING[1]	Extension bit
CAU_2E3_CS	BITSTRING[3]	Coding standard and spare bit
CAU_2E3_LOC	BITSTRING[4]	Location
CAU_2E3A	BITSTRING[8]	Recommendation
CAU_2E4_CV	BITSTRING[7]	Cause value
CAU_2DI	OCTETSTRING[1..28]	Diagnostics
EXTENDED COMMENTS		
This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME		COMMENTS
CID		Info Element Call IDentity 4.5.6
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CID_I	CID_I	Identifier
CID_L	BITSTRING[8]	Length
CID_CI	OCTETSTRING[0..8]	Call identity
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CDPN	COMMENTS Info Element Called Party Number 4.5.8
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CDPN_I	CDPN_I	Identifier
CDPN_L	OCTETSTRING[1]	Length
CDPN_E3_NPI	OCTETSTRING[1]	Numbering plan id.
CDPN_E4_ND	OCTETSTRING[1..20]	Number digits
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CDPS	COMMENTS Info Element Called Party Subaddress 4.5.9
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CDPS_I	CDPS_I	Identifier
CDPS_L	OCTETSTRING[1]	Length
CDPS_E3_TOS	BITSTRING[8]	Type of subaddress
CDPS_E4_SI	OCTETSTRING[1..20]	Subaddress information
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CGPN	COMMENTS Info Element Calling Party Number 4.5.10
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CGPN_I	CGPN_I	Identifier
CGPN_L	OCTETSTRING[1]	Length
CGPN_E3_TON	BITSTRING[4]	Type of number
CGPN_E3_NPI	BITSTRING[4]	Numbering plan id.
CGPN_E4_PI	BITSTRING[3]	Presentation indicator
CGPN_E4_SI	BITSTRING[5]	Screening indicator
CGPN_E5_ND	OCTETSTRING[1..20]	Number digits
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CGPS	COMMENTS Info Element Calling Party Subaddress 4.5.11
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CGPS_I	CGPS_I	Identifier
CGPS_L	OCTETSTRING[1]	Length
CGPS_E3_TOS	BITSTRING[4]	Type of subaddress
CGPS_E3_OEI	BITSTRING[1]	Odd/even indicator
CGPS_E3_SP	BITSTRING[3]	Spare
CGPS_E4_SI	OCTETSTRING[1..20]	Subaddress information
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CHI	COMMENTS Info Element Channel Identification 4.5.13
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CHI_I	CHI_I	Identifier
CHI_L	BITSTRING[8]	Length
CHI_E3_CS	BITSTRING[8]	Channel selection
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CODN	COMMENTS Info Element Connected Number ETS 300 097 7.1
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CODN_I	CODN_I	Identifier
CODN_L	OCTETSTRING[1]	Length
CODN_E3_TON	BITSTRING[4]	Type of number
CODN_E3_NPI	BITSTRING[4]	Numbering plan id.
CODN_E3_PI	BITSTRING[3]	Presentation indicator
CODN_E3_SI	BITSTRING[5]	Screening indicator
CODN_E4_ND	OCTETSTRING[1..20]	Number digits
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CODS	COMMENTS Info Element Connected Subaddress ETS 300 097 7.2
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CODS_I	CODS_I	Identifier
CODS_L	OCTETSTRING[1]	Length
CODS_E3_TOS	BITSTRING[4]	Type of subaddress
CODS_E3_OEI	BITSTRING[1]	Odd/even indicator
CODS_E3_SP	BITSTRING[3]	Spare
CODS_E4_ND	OCTETSTRING[1..20]	Number digits
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CR	COMMENTS Call Reference 4.3
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CR_L	BITSTRING[8]	Length
CR_F	BITSTRING[1]	Flag
CR_R	BITSTRING[7]	Call reference value
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CR_ERR	COMMENTS Call Reference invalid (length > 2 octets)
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CR_ERR_L	BITSTRING[8]	Length
CR_ERR_F	BITSTRING[1]	Flag
CR_ERR_R	BITSTRING[7]	Call reference value or empty
CR_ERR_R2	BITSTRING[1]	Filling bit
CR_ERR_R3	BITSTRING[7]	Call reference value or empty
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CST	COMMENTS Info Element Call State 4.5.7
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CST_I	CST_I	Identifier
CST_L	BITSTRING[8]	Length
CST_CS	BITSTRING[2]	Coding standard
CST_CSV	BITSTRING[6]	Call state value
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	DSP	COMMENTS Info Element DiSPlay 4.5.15
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
DSP_I	DSP_I	Identifier
DSP_L	BITSTRING[8]	Length
DSP_DI	OCTETSTRING[0..32]	Display information
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	DSP_0	COMMENTS Info Element DiSPlay 4.5.15
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
DSP_0I	DSP_I	Identifier
DSP_0L	BITSTRING[8]	Length
DSP_0DI	OCTETSTRING[0..32]	Display information
EXTENDED COMMENTS This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	DSP_2	COMMENTS Info Element DiSPlay 4.5.15
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
DSP_2I	DSP_I	Identifier
DSP_2L	BITSTRING[8]	Length
DSP_2DI	OCTETSTRING[0..32]	Display information
EXTENDED COMMENTS This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	EFAC	COMMENTS Extended FACility ETS 300 196 11.2.2.4
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
EFAC_I	EFAC_I	Identifier
EFAC_L	OCTETSTRING[2..250]	Length
EFAC_SD	BITSTRING[8]	Service discriminator
EFAC_COMP	OCTETSTRING[0..250]	Components
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	FAC	COMMENTS FACility 4.6.2
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
FAC_I	FAC_I	Identifier
FAC_L	BITSTRING[8]	Length
FAC_SD	BITSTRING[8]	Service discriminator
FAC_COMP	OCTETSTRING[0..251]	Components
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	KPF	COMMENTS Info Element KeyPad Facility 4.5.17
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
KPF_I	KPF_I	Identifier
KPF_L	BITSTRING[8]	Length
KPF_KI	OCTETSTRING[0..32]	Keypad information
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	NSF	COMMENTS Info Element Network-Specific Facilities 4.5.20
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
NSF_I	NSF_I	Identifier
NSF_L	BITSTRING[8]	Length
NSF_LNI	BITSTRING[8]	Length of network identification
NSF_TONI	BITSTRING[4]	Type of network identification
NSF_NIP	BITSTRING[4]	Network identification plan
NSF_NI	OCTETSTRING[0..125]	Network identification
NSF_NSFS	OCTETSTRING[0..125]	Network-specific facility specification
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	NOID	COMMENTS Info Element NOTification InDIcator 4.5.21
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
NOID_I	NOID_I	Identifier
NOID_L	BITSTRING[8]	Length
NOID_E3_ND	OCTETSTRING[0..252]	Notification description
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	PI	COMMENTS Info Element Progress Indicator 4.5.22
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PI_I	PI_I	Identifier
PI_L	BITSTRING[8]	Length
PI_E3_LOC	BITSTRING[8]	Location
PI_E4_FV	BITSTRING[1]	Fixed value '1'B
PI_E4_PD	BITSTRING[7]	Progress description
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	PI_2	COMMENTS Info Element Progress Indicator 4.5.22
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PI_2I	PI_I	Identifier
PI_2L	BITSTRING[8]	Length
PI_2E3_LOC	BITSTRING[8]	Location
PI_2E4_FV	BITSTRING[1]	Fixed value '1'B
PI_2E4_PD	BITSTRING[7]	Progress description
EXTENDED COMMENTS This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	PI_3	COMMENTS Info Element Progress Indicator 4.5.22
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PI_3I	PI_I	Identifier
PI_3L	BITSTRING[8]	Length
PI_3E3_LOC	BITSTRING[8]	Location
PI_3E4_FV	BITSTRING[1]	Fixed value '1'B
PI_3E4_PD	BITSTRING[7]	Progress description
EXTENDED COMMENTS This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	RI	COMMENTS Info Element Restart Indicator 4.5.24
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
RI_I	RI_I	Identifier
RI_L	BITSTRING[8]	Length
RI_CL	BITSTRING[5]	Fixed value '10000'B
RI_CL1	BITSTRING[3]	Class
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	TNS	COMMENTS Info Element Transit Network Selection 4.5.28
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
TNS_I	TNS_I	Identifier
TNS_L	BITSTRING[8]	Length
TNS_TONI	BITSTRING[4]	Type of network identification
TNS_NIP	BITSTRING[4]	Network identification plan
TNS_NI	OCTETSTRING[0..251]	Network identification
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	UE	COMMENTS Unrecognized optional info Element
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
UE_UEI	BITSTRING[8]	Identifier
UE_L	BITSTRING[8]	Length
UE_C	BITSTRING[8]	Contents
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	UII	COMMENTS Info Element User-user 4.5.29
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
UII_I	UII_I	Identifier
UII_L	BITSTRING[8]	Length
UII_PD	BITSTRING[8]	Protocol discriminator
UII_UIC	OCTETSTRING[0..128]	User information
EXTENDED COMMENTS		

A.3 Constraints part

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ALERT (ALERTING)	AL1 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
MT	'00000001'B
EFAC	*
CHI	*
FAC	*
PI	*
NOID	*
DSP	-
UII	*
COMMENTS Receive PDU with "don't care" values; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ALERT (ALERTING)	AL2 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
MT	'00000001'B
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
UII	-
COMMENTS Send PDU without optional parameters; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC (CALL PROCEEDING)	CP1 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
MT	'00000010'B
EFAC	*
CHI	*
FAC	*
PI	*
NOID	*
DSP	-
COMMENTS Receive PDU with "don't care" values; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC (CALL PROCEEDING)	CP2(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
MT	'00000010'B
EFAC	-
CHI	CHI3(BCH)
FAC	-
PI	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC (CALL PROCEEDING)	CP3(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
MT	'00000010'B
EFAC	-
CHI	CHI3(BCH)
FAC	-
PI	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN (CONNECT)	CN1(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
MT	'00000111'B
EFAC	*
CHI	*
FAC	*
PI	*
NOID	*
DSP	-
CODN	*
CODS	*
LLC	*
UUI	*
COMMENTS Receive PDU with "don't care" values; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; LLC optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN (CONNECT)	CN2 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
MT	'00000111'B
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS Send PDU without optional parameters; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; LLC optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN (CONNECT)	CN3 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
MT	'00000111'B
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS Send PDU without optional parameters; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; LLC optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK (CONNECT ACKNOWLEDGE)	CA1 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
MT	'00001111'B
EFAC	*
CHI	-
FAC	*
NOID	*
DSP	-
COMMENTS Receive PDU Receive PDU with "don't care" values; CHI available for supplementary services (n--->u); DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK (CONNECT ACKNOWLEDGE)	CA2(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
MT	'00001111'B
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	-
COMMENTS	
Send PDU without optional parameters; CHI available for supplementary services (n--->u); DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK (CONNECT ACKNOWLEDGE)	CA3(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
MT	'00001111'B
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	-
COMMENTS	
Send PDU without optional parameters; CHI available for supplementary services (n--->u); DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC (DISCONNECT)	DI1(FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3(FLAG,CALL_REF)
MT	'01000101'B
CAU	CAU1
EFAC	*
FAC	*
PI	-
NOID	*
DSP	-
UUI	*
COMMENTS	
Receive PDU with "don't care" values; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC (DISCONNECT)	DI2(FLAG:INTEGER;CALL_REF:BITSTRING;CVAL:INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3(FLAG,CALL_REF)
MT	'01000101'B
CAU	CAU2(CVAL)
EFAC	-
FAC	-
PI	-
NOID	-
DSP	-
UUI	-
COMMENTS	
Send PDU without optional parameters; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC (DISCONNECT)	DI3 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01000101'B
CAU	CAU4 (CVAL)
EFAC	*
FAC	*
PI	-
NOID	*
DSP	-
UUI	*
COMMENTS Receive PDU with "don't care" values; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
INFO (INFORMATION)	IN1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01111011'B
SCI	*
CAU	-
EFAC	*
FAC	*
NOID	*
DSP	-
KPF	*
CDPN	*
COMMENTS Receive PDU with "don't care" values; The SCI parameter may appear at any point in the message DSP optional LT parameter; no IUT parameter; CPDN optional LT and IUT parameter used during overlap procedures;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
INFO (INFORMATION)	IN2 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01111011'B
SCI	-
CAU	-
EFAC	-
FAC	-
NOID	-
DSP	-
KPF	-
CDPN	-
COMMENTS Send PDU without optional parameters; DSP optional LT parameter; no IUT parameter; CPDN optional LT and IUT parameter used during overlap procedures;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
INFO (INFORMATION)	IN3 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01111011'B
SCI	'10100001'B
CAU	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
KPF	-
CPDN	CPDN1
COMMENTS Send PDU with optional parameters; DSP optional LT parameter; no IUT parameter; CPDN optional LT and IUT parameter used during overlap procedures;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
INFO (INFORMATION)	IN4 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR4 (CALL_REF)
MT	'01111011'B
SCI	*
CAU	-
EFAC	*
FAC	*
NOID	*
DSP	-
KPF	*
CPDN	*
COMMENTS Receive PDU with "don't care" values; The SCI parameter may appear at any point in the message DSP optional LT parameter; no IUT parameter; CPDN optional LT and IUT parameter used during overlap procedures;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
Q932_MSG	MSG (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR4 (CALL_REF)
MT	?
IE_LIST	*
COMMENTS Receive PDU with a valid CREF. Used for test cases where PDUs must be absorbed by the tester;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
NOTIFY (NOTIFY)	NO1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01101110'B
NOID	NOID1
DSP	-
COMMENTS Receive PDU with "don't care" values in NOID; NOID mandatory LT and IUT parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
NOTIFY (NOTIFY)	NO2 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01101110'B
NOID	NOID2
DSP	-
COMMENTS Send PDU without optional parameters; NOID mandatory LT and IUT parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
NOTIFY (NOTIFY)	NO3 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR4 (CALL_REF)
MT	'01101110'B
NOID	NOID1
DSP	-
COMMENTS Receive PDU with "don't care" values in CR and NOID; NOID mandatory LT and IUT parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
PROG (PROGRESS)	PG1 (CALL_REF: BITSTRING; PROGDES: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
MT	'00000011'B
CAU	*
EFAC	*
FAC	*
PI	PI1 (PROGDES)
NOID	*
DSP	-
UUI	-
COMMENTS Receive PDU with "don't care" values; CAU optional LT and IUT parameter; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
PROG (PROGRESS)	PG2 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
MT	'00000011'B
CAU	-
EFAC	-
FAC	-
PI	PI2
NOID	-
DSP	-
UUI	-
COMMENTS Send PDU without optional parameters; CAU optional LT and IUT parameter; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL (RELEASE)	RL1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01001101'B
CAU	*
EFAC	*
FAC	*
NOID	*
DSP	-
UII	*
COMMENTS Receive PDU with "don't care" values; CAU optional LT and IUT parameter; mandatory if REL is 1st clearing PDU or as a result of T305 expiry; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL (RELEASE)	RL2 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01001101'B
CAU	CAU4 (CVAL)
EFAC	*
FAC	*
NOID	*
DSP	-
UII	*
COMMENTS Receive PDU with "don't care" values; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL (RELEASE)	RL3 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01001101'B
CAU	CAU2 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
UII	-
COMMENTS Send PDU with optional parameters; CAU optional LT and IUT parameter; mandatory if REL is 1st clearing PDU or as a result of T305 expiry; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM (RELEASE COMPLETE)	RC1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01011010'B
CAU	*
EFAC	*
FAC	*
NOID	*
DSP	-
UII	*
COMMENTS Receive PDU with "don't care" values; CAU optional LT and IUT parameter; mandatory in the 1st clearing message; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM (RELEASE COMPLETE)	RC2 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01011010'B
CAU	CAU2 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
UII	-
COMMENTS Send PDU without optional parameters; FLAG and CVAL are used as constraints parameter; RC2 (FLAG, CVAL); CAU optional LT and IUT parameter; mandatory in the 1st clearing message; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM (RELEASE COMPLETE)	RC3 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01011010'B
CAU	CAU4 (CVAL)
EFAC	*
FAC	*
NOID	*
DSP	-
UII	*
COMMENTS Receive PDU with "don't care" values; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES (RESUME)	RE1
FIELD NAME	VALUE
PD	'00001000'B
CR	CR5
MT	'00100110'B
EFAC	*
CID	*
FAC	*
NOID	*
COMMENTS Receive PDU with "don't care" values; CID optional IUT parameter; included when used in the SUSPEND PDU;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_ACK (RESUME ACKNOWLEDGEMENT)	RA1 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
MT	'00101110'B
EFAC	-
CHI	CHI1
FAC	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ (RESUME REJECT)	RR1 (CALL_REF:BITSTRING;CVAL:INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
MT	'00100010'B
CAU	CAU2 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART	RST1 (FLAG:INTEGER;CLV:INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR6 (FLAG)
MT	'01000110'B
CHI	-
DSP	-
RI	RI1 (CLV)
COMMENTS Receive PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART	RST3 (FLAG:INTEGER;CLV:INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR6 (FLAG)
MT	'01000110'B
CHI	CHI6
DSP	-
RI	RI1 (CLV)
COMMENTS Receive PDU with "don't care" values in CHI; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK	RSA2 (FLAG:INTEGER;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR6 (FLAG)
MT	'01001110'B
CHI	CHI3 (BCH)
DSP	-
RI	RI4
COMMENTS Receive PDU with optional parameter CHI; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK	RSA5 (FLAG:INTEGER;CLV:INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR6 (FLAG)
MT	'01001110'B
CHI	-
DSP	-
RI	RI1 (CLV)
COMMENTS Send PDU without optional parameters that indicates 'all interfaces' or 'single interface'; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU1
FIELD NAME	VALUE
PD	'00001000'B
CR	CR5
MT	'00000101'B
SCI	*
BCAP	?
EFAC	*
CHI	*
FAC	*
PI	*
NSF	*
NOID	*
DSP	-
KPF	*
CGPN	*
CGPS	*
CPDN	*
CDPS	*
TNS	*
LLC	*
HLC	*
UUI	*
COMMENTS Receive PDU with "don't care" values; The SCI parameter may appear at any point in the message DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU2(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
MT	'00000101'B
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI3(BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	CDPN1
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU with optional parameters SCI and CDPN; BCAPV is used as test suite parameter; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU3(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
MT	'00000101'B
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI3(BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	CDPN1
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU with optional parameters SCI and CDPN; BCAPV is used as test suite parameter; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU4(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
MT	'00000101'B
SCI	'10100001'B
BCAP	IBCAP
EFAC	-
CHI	CHI3(BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	CDPN1
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU with incompatible BCAP element; IBCAP is used as test suite parameter; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU5 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
MT	'00000101'B
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI3 (BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	CPDN1
CDPS	-
TNS	-
LLC	LLCV
HLC	IHLC1
UUI	-
COMMENTS Send PDU with incompatible HLC element; BCAPV, LLCV and IHLC1 are used as test suite parameters; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU6 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
MT	'00000101'B
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI3 (BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU without called party number information; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU7(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
MT	'00000101'B
SCI	'10100001'B
BCAPV	BCAPV
EFAC	-
CHI	CHI3(BCH)
FAC	-
PI	PI3
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	CPDN1
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU with optional parameters SCI and CDPN; BCAPV is used as test suite parameter; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU8(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
MT	'00000101'B
SCI	'10100001'B
BCAPV	BCAPV
EFAC	-
CHI	CHI7
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	CPDN1
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU with optional parameters SCI and CDPN; BCAPV is used as test suite parameter; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU10 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
MT	'00000101'B
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI3 (BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN2
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU without called party number information; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ACK (SETUP ACKNOWLEDGEMENT)	SUA1 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
MT	'00001101'B
EFAC	*
CHI	*
FAC	*
PI	*
NOID	*
DSP	-
COMMENTS Receive PDU with "don't care" values; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ACK (SETUP ACKNOWLEDGEMENT)	SUA2 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
MT	'00001101'B
EFAC	-
CHI	CHI3 (BCH)
FAC	-
PI	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS (STATUS)	ST1 (FLAG: INTEGER; CALL_REF: BITSTRING; CSTV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01111101'B
CAU	CAU1
CST	CST2 (CSTV)
DSP	-
COMMENTS Receive PDU with "don't care" values in CAU; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS (STATUS)	ST2 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER; CSTV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01111101'B
CAU	CAU2 (CVAL)
CST	CST2 (CSTV)
DSP	-
COMMENTS Send PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS (STATUS)	ST3 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER; CSTV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01111101'B
CAU	CAU4 (CVAL)
CST	CST2 (CSTV)
DSP	-
COMMENTS Receive PDU with "don't care" values in CAU; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS (STATUS)	ST4 (FLAG: INTEGER; CVAL: INTEGER; CSTV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR6 (FLAG)
MT	'01111101'B
CAU	CAU3 (CVAL)
CST	CST2 (CSTV)
DSP	-
COMMENTS Receive PDU without optional parameters and global call reference; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS (STATUS)	ST6 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01111101'B
CAU	CAU4 (CVAL)
CST	CST1
DSP	-
COMMENTS Receive PDU with "don't care" values in CAU and CST; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ST_ENQ (STATUS ENQUIRY)	SQ1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'01110101'B
DSP	-
COMMENTS Send PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ST_ENQ (STATUS ENQUIRY)	SQ3 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR4 (CALL_REF)
MT	'01110101'B
DSP	-
COMMENTS Receive PDU with "don't care" values in CR; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP (SUSPEND)	SP1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'00100101'B
EFAC	*
CID	*
FAC	*
NOID	*
COMMENTS Receive PDU with "don't care" values CID optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_ACK (SUSPEND ACKNOWLEDGEMENT)	SPA1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'00101101'B
EFAC	-
FAC	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ (SUSPEND REJECT)	SPR1 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
MT	'00100001'B
CAU	CAU2 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR1 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR2(CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI3(BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
SETUP PDU with invalid protocol discriminator; BCAPV, LLCV and HLCV are used as test suite parameters;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ERR_SHORT	ERR2 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
MT	-
COMMENTS	
too short PDU (MT is missing);	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR3 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI3(BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
SETUP with invalid call reference flag bit; BCAPV, LLCV and HLCV are used as test suite parameters;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR4 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	-
EFAC	-
CHI	CHI3 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
SETUP without BCAP (mandatory element is missing);	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ERR_SHORT	ERR5 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
MT	'00000100'B
COMMENTS	
unknown message type	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ERR_SHORT	ERR7 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
MT	'00000100'B
COMMENTS	
unknown message type	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR11 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR1 (CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI3 (BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
CALL PROCEEDING PDU with invalid protocol discriminator;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR12 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR7(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI3(BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / invalid call reference format (oct. 1 bits 8 - 5 <> '0000'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR13 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR8(CALL_REF)
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI3(BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / invalid call reference format (length > 2 octets)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR14 (BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI3(BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / dummy call reference	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR15 (BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR8
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI3 (BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / global call reference	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR17 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI3 (BCH)
FAC	-
PI	-
NOID	-
DSP	DSP1
PI_2	PI_22
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / optional information elements out of sequence;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR18 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI3 (BCH)
FAC	-
PI	-
NOID	-
DSP	DSP1
PI_2	-
DSP_2	DSP_21
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / duplicate elements; repetition not permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR19 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI3(BCH)
FAC	-
PI	PI2
NOID	-
DSP	-
PI_2	PI_22
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU Progress information element duplicated; repetition permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR20 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU message used in test cases as first answer to an outgoing call SETUP (CHI mandatory);	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR21 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI2
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / mandatory information element content error; message used in test cases as first answer to an outgoing call SETUP (CHI mandatory);	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR22 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	UE1
EFAC	-
CHI	CHI3 (BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / unrecognized information element; comprehension required;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR23 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	UE2
EFAC	-
CHI	CHI3 (BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / unrecognized information element; comprehension not required	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR24 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI3 (BCH)
FAC	-
PI	PI4
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / non mandatory information element content error;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR26(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
CONNECT PDU with invalid protocol discriminator;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR27(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR7(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / invalid call reference format (oct.1 bits 8-5 <> '0000'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR28(FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR10(FLAG,CALL_REF)
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / invalid call reference format (oct.1 bits 4-1 <> '0001'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR29
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS Syntactically Invalid CONNECT PDU CONNECT / dummy call reference;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR30 (FLAG: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR6 (FLAG)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS Syntactically Invalid CONNECT PDU CONNECT / global call reference; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR32 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1 (CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	DSP1
PI_2	PI_22
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS Syntactically Invalid CONNECT PDU CONNECT / optional information elements out of sequence;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR33(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	DSP1
PI_2	-
DSP_2	DSP_21
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / duplicate elements; repetition not permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR34(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	PI2
NOID	-
DSP	-
PI_2	PI_22
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU Progress information element duplicated; repetition permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR35(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	UE1
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / unrecognized information element; comprehension required;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR36(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	UE2
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / unrecognized information element; comprehension not required	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR37(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	PI4
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / non mandatory information element content error;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR41(FLAG:INTEGER;CALL_REF:BITSTRING; CVAL:INTEGER)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR3(FLAG,CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2(CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS	
DISCONNECT PDU with invalid protocol discriminator; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR42 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR11 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / invalid call reference format (oct.1 bits 8-5<>'0000'B) FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR43 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR10 (FLAG, CALL_REF)
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / invalid call reference format (oct.1 bits 4-1 > '0001'B) FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR44 (CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / dummy call reference; CVAL is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR45 (FLAG: INTEGER; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR6 (FLAG)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / global call reference; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR47 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
PI	PI2
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / optional information elements out of sequence; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR48 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
PI	-
DSP_2	DSP_21
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / duplicate elements; repetition not permitted; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR49 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	CAU_22 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU Cause information element duplicated; repetition permitted; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR50 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	-
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / mandatory information element missing; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR51 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	UE1
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / unrecognized information element; comprehension required; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME DISC_ERROR	CONSTRAINT NAME ERR52 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	UE2
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / unrecognized information element; comprehension not required FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME DISC_ERROR	CONSTRAINT NAME ERR53 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU6
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / mandatory information element content error; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME DISC_ERROR	CONSTRAINT NAME ERR54 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	PI4
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / non mandatory information element content error; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR56 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS RELEASE PDU with invalid protocol discriminator; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR57 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR11 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / invalid call reference format (oct.1 bits 8-5 <> '0000'B) FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR58 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR10 (FLAG, CALL_REF)
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / invalid call reference format (oct.1 bits 4-1 > '0001'B) FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR59
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / dummy call reference; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR60 (FLAG: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR6 (FLAG)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / global call reference; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR62 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	DSP_01
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / optional information elements out of sequence; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR63 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
DSP_2	DSP_21
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / duplicate elements; repetition not permitted; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR64 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU2 (CVAL)
CAU_2	CAU_22 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS RELEASE / Cause information element duplicated; repetition permitted; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR65 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	UE1
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / unrecognized information element, comprehension required;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR66 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	UE2
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / unrecognized information element; comprehension not required FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR68 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP2
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / non mandatory information element content error; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR71 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS RELEASE COMPLETE PDU with invalid protocol discriminator; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR72 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR11 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / invalid call reference format (oct.1 bits 8-5 <> '0000'B) FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR73 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR10 (FLAG, CALL_REF)
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / invalid call reference format (oct.1 bits 4-1 > '0001'B) FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR74
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / dummy call reference;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR75 (FLAG: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR6 (FLAG)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / global call reference; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR77 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	DSP_01
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / optional information elements out of sequence; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR78 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
DSP_2	DSP_21
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / duplicate elements; repetition not permitted; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR79 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU2 (CVAL)
CAU_2	CAU_22 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU Cause information element duplicated; repetition permitted; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR80 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	UE1
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / unrecognized information element; comprehension required; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR81 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	UE2
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / unrecognized information element; comprehension not required FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR82 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP2
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / non mandatory information element content error; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR86 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR1 (CALL_REF)
CR_ERR	-
MT	'00100010'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS RESUME REJECT PDU with invalid protocol discriminator;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR87 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR11 (FLAG, CALL_REF)
CR_ERR	-
MT	'00100010'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS Syntactically Invalid RESUME REJECT PDU RESUME REJECT / invalid call reference format (oct.1 bits 8-5 <> '0000'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR88(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR9(CALL_REF)
MT	'00100010'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
Syntactically Invalid RESUME REJECT PDU RESUME REJECT / invalid call reference format (oct.1 bits 4-1 > '0001'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR89
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'00100010'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
Syntactically Invalid RESUME REJECT PDU RESUME REJECT / dummy call reference;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR90
FIELD NAME	VALUE
PD	'00001000'B
CR	CR8
CR_ERR	-
MT	'00100010'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
RESUME REJECT / global call reference;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR92(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00100010'B
UE	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
DSP_2	DSP_21
COMMENTS	
Syntactically Invalid RESUME REJECT PDU RESUME REJECT / duplicate elements; repetition not permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR93(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00100010'B
UE	-
CAU	CAU8
CAU_2	CAU_28
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
RESUME REJECT PDU / cause information element duplicated; repetition permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR94(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00100010'B
UE	-
CAU	-
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
Syntactically Invalid RESUME REJECT PDU RESUME REJECT / mandatory information element missing;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR95(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00100010'B
UE	UE1
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
Syntactically Invalid RESUME REJECT PDU RESUME REJECT / unrecognized information element; comprehension required;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR96(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00100010'B
UE	UE2
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
Syntactically Invalid RESUME REJECT PDU RESUME REJECT / unrecognized information element; comprehension not required	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR97(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00100010'B
UE	-
CAU	CAU6
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
RESUME REJECT / mandatory information element content error;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RES_REJ_ERROR	ERR98(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR1(CALL_REF)
CR_ERR	-
MT	'00100010'B
UE	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP2
DSP_2	-
COMMENTS	
Syntactically Invalid RESUME REJECT PDU RESUME REJECT / non mandatory information element content error;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR101(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR12(CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI3(BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
Syntactically Invalid SETUP PDU SETUP / invalid call reference format (oct.1 bits 8-5 <> '0000'B) BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR102 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR11 (CALL_REF)
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI3 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / invalid call reference format (oct.1 bits 4-1 > '0001'B) BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR103 (BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI3 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / dummy call reference; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR104 (BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR13
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI3 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
Syntactically Invalid SETUP PDU SETUP / global call reference; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR105 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI3 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	PI_32
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
Syntactically Invalid SETUP PDU SETUP / optional information elements out of sequence; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR106 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	-
BCAP	-
EFAC	-
CHI	CHI3 (BCH)
BCAP_2	BCAPV
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / mandatory information element out of sequence; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR107 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI3 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	DSP1
DSP_2	DSP_21
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / duplicate elements; repetition not permitted; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR108(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI3(BCH)
BCAP_2	-
FAC	-
PI	PI2
PI_2	PI_22
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
SETUP / Progress information element duplicated; repetition permitted; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR109(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	UE1
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI3(BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
Syntactically Invalid SETUP PDU SETUP / unrecognized information element; comprehension required; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR110 (CALL_REF:BITSTRING; BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	UE2
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI3 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / unrecognized information element; comprehension not required BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR111 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI2
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / mandatory information element content error; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR112(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI3(BCH)
BCAP_2	-
FAC	-
PI	PI5
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
Syntactically Invalid SETUP PDU SETUP / non mandatory information element content error; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR116(FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR3(FLAG,CALL_REF)
CR_ERR	-
MT	'00100001'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
SUSPEND REJECT PDU with invalid protocol discriminator; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR117(FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR11(FLAG,CALL_REF)
CR_ERR	-
MT	'00100001'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
Syntactically Invalid SUSPEND REJECT PDU SUSPEND REJECT / invalid call reference format (oct.1 bits 8-5 <> '0000'B) FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR118 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR10 (FLAG, CALL_REF)
MT	'00100001'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS Syntactically Invalid SUSPEND REJECT PDU SUSPEND REJECT / invalid call reference format (oct.1 bits 4-1 > '0001'B) FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR119
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'00100001'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS Syntactically Invalid SUSPEND REJECT PDU SUSPEND REJECT / dummy call reference;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR120 (FLAG: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR6 (FLAG)
CR_ERR	-
MT	'00100001'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS Syntactically Invalid SUSPEND REJECT PDU SUSPEND REJECT / global call reference; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR122 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'00100001'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
DSP_2	DSP_21
COMMENTS Syntactically Invalid SUSPEND REJECT PDU SUSPEND REJECT / duplicate elements; repetition not permitted; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR123 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'00100001'B
UE	-
CAU	CAU7
CAU_2	CAU_27
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS SUSPEND REJECT / Cause information element duplicated; repetition permitted; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR124 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'00100001'B
UE	-
CAU	-
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS Syntactically Invalid SUSPEND REJECT PDU SUSPEND REJECT / mandatory information element missing; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR125 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'00100001'B
UE	UE1
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS Syntactically Invalid SUSPEND REJECT PDU SUSPEND REJECT / unrecognized information element; comprehension required; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR126 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'00100001'B
UE	UE2
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS Syntactically Invalid SUSPEND REJECT PDU SUSPEND REJECT / unrecognized information element; comprehension not required FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR127 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG, CALL_REF)
CR_ERR	-
MT	'00100001'B
UE	-
CAU	CAU6
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS Syntactically Invalid SUSPEND REJECT PDU SUSPEND REJECT / mandatory information element content error; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SUSP_REJ_ERROR	ERR128 (FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR3 (FLAG,CALL_REF)
CR_ERR	-
MT	'00100001'B
UE	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP2
DSP_2	-
COMMENTS	
Syntactically Invalid SUSPEND REJECT PDU SUSP_REJ_ERROR / non mandatory information element content error; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK_ERROR	ERR131 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
MT	'00001111'B
UE	-
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	DSP1
DSP_2	DSP_21
COMMENTS	
Syntactically Invalid CONNECT ACKNOWLEDGE PDU CONNECT ACKNOWLEDGE / duplicate elements; repetition not permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK_ERROR	ERR132 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
MT	'00001111'B
UE	UE1
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
Syntactically Invalid CONNECT ACKNOWLEDGE PDU CONNECT ACKNOWLEDGE / unrecognized information element; comprehension required;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK_ERROR	ERR133 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2 (CALL_REF)
MT	'00001111'B
UE	UE2
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
Syntactically Invalid CONNECT ACKNOWLEDGE PDU CONNECT ACKNOWLEDGE / unrecognized information element; comprehension not required	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK_ERROR	ERR134(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR2(CALL_REF)
MT	'00001111'B
UE	-
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	DSP2
DSP_2	-
COMMENTS	
Syntactically Invalid CONNECT ACKNOWLEDGE PDU CONNECT ACKNOWLEDGE / non mandatory information element content error;	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU1
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	?
CAU_E3_EB	?
CAU_E3_CS	'000'B
CAU_E3_LOC	CAU_LOC
CAU_E3A	*
CAU_E4_EB	'1'B
CAU_E4_CV	?
CAU_DI	*
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU2(CVAL:INTEGER)
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'00000010'B
CAU_E3_EB	'1'B
CAU_E3_CS	'000'B
CAU_E3_LOC	'0010'B
CAU_E3A	-
CAU_E4_EB	'1'B
CAU_E4_CV	INT_TO_BIT(CVAL,7)
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU_2	CAU_22(CVAL:INTEGER)
FIELD NAME	VALUE
CAU_2I	'00001000'B
CAU_2L	'00000010'B
CAU_2E3_EB	'1'B
CAU_2E3_CS	'000'B
CAU_2E3_LOC	'0010'B
CAU_2E3A	-
CAU_2E4_CV	INT_TO_BIT(CVAL,7)
CAU_2DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU3(CVAL:INTEGER)
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'0000001?'B
CAU_E3_EB	?
CAU_E3_CS	'000'B
CAU_E3_LOC	CAU_LOC
CAU_E3A	*
CAU_E4_EB	'1'B
CAU_E4_CV	INT_TO_BIT(CVAL,7)
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU4 (CVAL: INTEGER)
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	?
CAU_E3_EB	?
CAU_E3_CS	'000'B
CAU_E3_LOC	CAU_LOC
CAU_E3A	*
CAU_E4_EB	'1'B
CAU_E4_CV	INT_TO_BIT(CVAL, 7)
CAU_DI	*
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU6
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'00000010'B
CAU_E3_EB	'1'B
CAU_E3_CS	'000'B
CAU_E3_LOC	'0010'B
CAU_E3A	-
CAU_E4_EB	'0'B
CAU_E4_CV	'0000000'B
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU7
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'00000010'B
CAU_E3_EB	'1'B
CAU_E3_CS	'000'B
CAU_E3_LOC	'0010'B
CAU_E3A	-
CAU_E4_EB	'1'B
CAU_E4_CV	'0011111'B
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU_2	CAU_27
FIELD NAME	VALUE
CAU_2I	'00001000'B
CAU_2L	'00000010'B
CAU_2E3_EB	'1'B
CAU_2E3_CS	'000'B
CAU_2E3_LOC	'0010'B
CAU_2E3A	-
CAU_2E4_EB	'1'B
CAU_2E4_CV	'0011111'B
CAU_2DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU8
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'00000010'B
CAU_E3_EB	'1'B
CAU_E3_CS	'000'B
CAU_E3_LOC	'0010'B
CAU_E3A	-
CAU_E4_EB	'1'B
CAU_E4_CV	'0010000'B
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CAU_2	CONSTRAINT NAME CAU_28
FIELD NAME	VALUE
CAU_2I	'00001000'B
CAU_2L	'00000010'B
CAU_2E3_EB	'1'B
CAU_2E3_CS	'000'B
CAU_2E3_LOC	'0010'B
CAU_2E3A	-
CAU_2E4_EB	'1'B
CAU_2E4_CV	'0010000'B
CAU_2DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CAU	CONSTRAINT NAME CAU9
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'00000010'B
CAU_E3_EB	'1'B
CAU_E3_CS	'000'B
CAU_E3_LOC	'0010'B
CAU_E3A	-
CAU_E4_EB	-
CAU_E4_CV	-
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CDPN	CONSTRAINT NAME CDPN1
FIELD NAME	VALUE
CDPN_I	'01110000'B
CDPN_L	LIPN
CDPN_E3_NPI	CDPN_OCTET3
CDPN_E4_ND	IPN
COMMENTS LIPN and IPN are test suite parameters	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CDPN	CONSTRAINT NAME CDPN2
FIELD NAME	VALUE
CDPN_I	'01110000'B
CDPN_L	INCOMP_LPN
CDPN_E3_NPI	CDPN_OCTET3
CDPN_E4_ND	INCOMP_PN
COMMENTS INCOMP_LPN and INCOMP_PN are test suite parameters	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CHI	CONSTRAINT NAME CHI1
FIELD NAME	VALUE
CHI_I	'00011000'B
CHI_L	'00000001'B
CHI_E3_CS	'10001001'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CHI	CONSTRAINT NAME CHI2
FIELD NAME	VALUE
CHI_I	'00011000'B
CHI_L	'00000001'B
CHI_E3_CS	'11111111'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CHI	CONSTRAINT NAME CHI3(BCH:BITSTRING)
FIELD NAME	VALUE
CHI_I	'00011000'B
CHI_L	'00000001'B
CHI_E3_CS	BCH
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CHI	CONSTRAINT NAME CHI4
FIELD NAME	VALUE
CHI_I	'00011000'B
CHI_L	'00000001'B
CHI_E3_CS	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CHI	CONSTRAINT NAME CHI6
FIELD NAME	VALUE
CHI_I	'00011000'B
CHI_L	'00000001'B
CHI_E3_CS	'1000?0??'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CHI	CONSTRAINT NAME CHI7
FIELD NAME	VALUE
CHI_I	'00011000'B
CHI_L	'00000001'B
CHI_E3_CS	'10001010'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR1(CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00000001'B
CR_F	'1'B
CR_R	CALL_REF
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR2(CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00000001'B
CR_F	'0'B
CR_R	CALL_REF
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR3(FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00000001'B
CR_F	INT_TO_BIT(FLAG,1)
CR_R	CALL_REF
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR4 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00000001'B
CR_F	?
CR_R	CALL_REF
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR5
FIELD NAME	VALUE
CR_L	'00000001'B
CR_F	'0'B
CR_R	?
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR6 (FLAG:INTEGER)
FIELD NAME	VALUE
CR_L	'00000001'B
CR_F	INT_TO_BIT(FLAG,1)
CR_R	'0000000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR7 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00010001'B
CR_F	'1'B
CR_R	CALL_REF
COMMENTS invalid call reference format (oct.1 bits 8-5 <> '0000'B)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR8
FIELD NAME	VALUE
CR_L	'00000001'B
CR_F	'1'B
CR_R	'0000000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR10
FIELD NAME	VALUE
CR_L	'00000000'B
CR_F	-
CR_R	-
COMMENTS Dummy call reference	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR11 (FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00010001'B
CR_F	INT_TO_BIT(FLAG,1)
CR_R	CALL_REF
COMMENTS invalid call reference format (oct.1 bits 8-5 <> '0000'B)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR12 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00010001'B
CR_F	'0'B
CR_R	CALL_REF
COMMENTS invalid call reference format (oct.1 bits 8-5 <> '0000'B)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR13
FIELD NAME	VALUE
CR_L	'00000001'B
CR_F	'0'B
CR_R	'0000000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR_ERR	CONSTRAINT NAME CR_ERR5 (FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_ERR_L	'00000010'B
CR_ERR_F	INT_TO_BIT(FLAG,1)
CR_ERR_R	CALL_REF
CR_ERR_R2	'0'B
CR_ERR_R3	'0000000'B
COMMENTS invalid call reference format (length > 2 octets)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR_ERR	CONSTRAINT NAME CR_ERR9 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_ERR_L	'00000010'B
CR_ERR_F	'1'B
CR_ERR_R	'0000000'B
CR_ERR_R2	'0'B
CR_ERR_R3	CALL_REF
COMMENTS invalid call reference format (length > 2 octets)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR_ERR	CONSTRAINT NAME CR_ERR10 (FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_ERR_L	'00000010'B
CR_ERR_F	INT_TO_BIT(FLAG,1)
CR_ERR_R	'0000000'B
CR_ERR_R2	'0'B
CR_ERR_R3	CALL_REF
COMMENTS invalid call reference format (length > 2 octets)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR_ERR	CONSTRAINT NAME CR_ERR11 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_ERR_L	'00000010'B
CR_ERR_F	'0'B
CR_ERR_R	'0000000'B
CR_ERR_R2	'0'B
CR_ERR_R3	CALL_REF
COMMENTS invalid call reference format (length > 2 octets)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CST	CST1
FIELD NAME	VALUE
CST_I	'00010100'B
CST_L	'00000001'B
CST_CS	?
CST_CSV	?
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CST	CST2 (CSTV:INTEGER)
FIELD NAME	VALUE
CST_I	'00010100'B
CST_L	'00000001'B
CST_CS	'00'B
CST_CSV	INT_TO_BIT(CSTV,6)
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
DSP	DSP1
FIELD NAME	VALUE
DSP_I	'00101000'B
DSP_L	'00000001'B
DSP_DI	'31'O
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
DSP_0	DSP_01
FIELD NAME	VALUE
DSP_0I	'00101000'B
DSP_0L	'00000001'B
DSP_0DI	'31'O
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
DSP_2	DSP_21
FIELD NAME	VALUE
DSP_2I	'00101000'B
DSP_2L	'00000001'B
DSP_2DI	'31'O
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
DSP	DSP2
FIELD NAME	VALUE
DSP_I	'00101000'B
DSP_L	'00000001'B
DSP_DI	'B1'O
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
NOID	NOID1
FIELD NAME	VALUE
NOID_I	'00100111'B
NOID_L	'00000001'B
NOID_E3_ND	?
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
NOID	NOID2
FIELD NAME	VALUE
NOID_I	'00100111'B
NOID_L	'00000001'B
NOID_E3_ND	'80'O
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI	PI1 (PROGDES: INTEGER)
FIELD NAME	VALUE
PI_I	'00011110'B
PI_L	'00000010'B
PI_E3_LOC	?
PI_E4_FV	'1'B
PI_E4_PD	INT_TO_BIT (PROGDES, 7)
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI	PI2
FIELD NAME	VALUE
PI_I	'00011110'B
PI_L	'00000010'B
PI_E3_LOC	'10000010'B
PI_E4_FV	'1'B
PI_E4_PD	'0001000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI_2	PI_22
FIELD NAME	VALUE
PI_2I	'00011110'B
PI_2L	'00000010'B
PI_2E3_LOC	'10000010'B
PI_2E4_FV	'1'B
PI_2E4_PD	'0001000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI_3	PI_32
FIELD NAME	VALUE
PI_3I	'00011110'B
PI_3L	'00000010'B
PI_3E3_LOC	'10000010'B
PI_3E4_FV	'1'B
PI_3E4_PD	'0001000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI	PI3
FIELD NAME	VALUE
PI_I	'00011110'B
PI_L	'00000010'B
PI_E3_LOC	'10000010'B
PI_E4_FV	'1'B
PI_E4_PD	'0000001'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI	PI4
FIELD NAME	VALUE
PI_I	'00011110'B
PI_L	'00000010'B
PI_E3_LOC	'10000010'B
PI_E4_FV	'1'B
PI_E4_PD	'0000000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI	PI5
FIELD NAME	VALUE
PI_I	'00011110'B
PI_L	'00000010'B
PI_E3_LOC	'10000010'B
PI_E4_FV	'1'B
PI_E4_PD	'1111111'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
RI	RI1 (CLV: INTEGER)
FIELD NAME	VALUE
RI_I	'01111001'B
RI_L	'00000001'B
RI_CL	'10000'B
RI_CL1	INT_TO_BIT (CLV, 3)
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
RI	RI3
FIELD NAME	VALUE
RI_I	'01111001'B
RI_L	'00000001'B
RI_CL	'10000'B
RI_CL1	?
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
RI	RI4
FIELD NAME	VALUE
RI_I	'01111001'B
RI_L	'00000001'B
RI_CL	'10000'B
RI_CL1	'000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
UE	UE1
FIELD NAME	VALUE
UE_UEI	'00000001'B
UE_L	'00000001'B
UE_C	'10000011'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
UE	UE2
FIELD NAME	VALUE
UE_UEI	'10000000'B
UE_L	-
UE_C	-
COMMENTS	

A.4 Dynamic part

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/RC/N/TC10001			
IDENTIFIER	TC10001			
PURPOSE	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREF,16)	(P)	preamble to U0 valid RELEASE COMPLETE TNOAC timeout state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (c) ETS 300 104/156 A.2.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/RL/N/TC10002			
IDENTIFIER	TC10002			
PURPOSE	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +P049901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RC3(1,CREF,81)	(P) (F)	preamble to U0 valid RELEASE valid RELEASE COMPLETE state=0? TAC timeout postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (b) ETS 300 104/156 A.2.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/ST/N/TC10003			
IDENTIFIER	TC10003			
PURPOSE	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU indicating the Null state N0, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,81,0)	(P)	preamble to U0 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.2.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/ST/N/TC10004			
IDENTIFIER	TC10004			
PURPOSE	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU indicating any state except the Null state N0, the IUT responds with either a RELEASE PDU or a RELEASE COMPLETE PDU with cause value 101.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!STATUS START TAC L?RELr CANCEL TAC L!REL_COM L?REL_COMr CANCEL TAC ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ST2(0,CREf,81,2) RL2(1,CREf,101) RC2(0,CREf,101) RC3(1,CREf,101)	P P (F)	preamble to U0 valid STATUS (1) valid RELEASE valid RELEASE COMPLETE valid RELEASE COMPLETE no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) A STATUS PDU with call state <> 0 is send to the IUT. References to Recommendations ETS 300 102-1 5.8.11 (a) ETS 300 104/156 A.2.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/SU/N/TC10005			
IDENTIFIER	TC10005			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a valid SETUP PDU without the Sending complete information element, the IUT responds with any of a SETUP ACKNOWLEDGE, CALL PROCEEDING, ALERTING or CONNECT PDU and moves to the relevant state Overlap Receiving U25, Incoming Call Proceeding U9, Call Received U7 or Connect Request U8.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP START TAC L?SETUP_ACKr CANCEL TAC +CS59901(25,0) L?CALL_PROCr CANCEL TAC +CS59901(9,0) L?ALERTr CANCEL TAC +CS59901(7,0) L?CONNr CANCEL TAC +CS59901(8,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	SU3(CREf,bch_num) SUA1(CREf) CPI1(CREf) ALI1(CREf) CN1(CREf)	(P) (P) (P) (P) (P) (F)	preamble to U0 SETUP (1) state=25? (2) state=9? (2) state=7? (2) state=8? (2) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) A valid and compatible SETUP PDU with only mandatory parameters is transmitted. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.2.1, 5.2.4, 5.2.5.1 ETS 300 104/156 A.1.1.1.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/SU/N/TC10006			
IDENTIFIER	TC10006			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a valid SETUP PDU with the Sending complete information element, the IUT responds with any of a CALL PROCEEDING, ALERTING or CONNECT PDU and moves to the relevant state Incoming Call Proceeding U9, Call Received U7 or Connect Request U8.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP START TAC		SU2(CREF,bch_num)		SETUP (1)
L?CALL_PROCr CANCEL TAC	L1	CP1(CREF)	(P)	state=9? (2)
+CS59901(9,0)				state=9? (2)
L?ALERTr CANCEL TAC		AL1(CREF)	(P)	state=7? (2)
+CS59901(7,0)				state=7? (2)
L?CONNr CANCEL TAC		CN1(CREF)	(P)	state=8? (2)
+CS59901(8,0)				state=8? (2)
?TIMEOUT TAC			(F)	TAC timeout
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) A valid and compatible SETUP PDU with the sending complete information element is transmitted.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.2.1, 5.2.5.1		ETS 300 104/156 A.1.1.1.2		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/SU/N/TC10007			
IDENTIFIER	TC10007			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a valid SETUP PDU containing a Progress indicator information element with progress description 1, the IUT modifies its compatibility checking and accepts the call on the basis of a compatible Bearer capability information element.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP START TAC		SU7(CREF,bch_num)		
L?CALL_PROCr CANCEL TAC	L1	CP1(CREF)	(P)	valid CALL_PROC state=9? (1)
+CS59901(9,0)				state=9? (1)
L?ALERTr CANCEL TAC		AL1(CREF)	(P)	valid ALERT state=7? (1)
+CS59901(7,0)				state=7? (1)
L?CONNr CANCEL TAC		CN1(CREF)	(P)	valid CONNECT state=8? (1)
+CS59901(8,0)				state=8? (1)
?TIMEOUT TAC			(F)	TAC timeout
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.2.6, Annex B		ETS 300 104/156 A.1.1.1.3		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/SU/N/TC10008			
IDENTIFIER	TC10008			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a valid SETUP PDU containing an incompatible Bearer capability information element (mandatory parameter) the IUT reacts as follows: - ignore the PDU or send a RELEASE COMPLETE PDU with cause value 88 (broadcast data link); - send a RELEASE COMPLETE PDU with cause value 88 (point-to-point data link).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 [BDL = TRUE] L!SETUP START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +CS50001(0) +UM59902 GOTO L1 [BDL = FALSE] L!SETUP_P START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L2	L1	SU4(CREF,bch_num) RC3(1,CREf,88)	(P)	preamble to U0 parameter (1) incompatible SETUP (2) valid RELEASE COMPLETE state=0? (3) TAC timeout state=0? (3) unexpected message
	L2	SU4(CREF,bch_num) RC3(1,CREf,88)	(P)	parameter (1) incompatible SETUP (2) valid RELEASE COMPLETE state=0? (3) TAC timeout (F)
			(F)	TAC timeout unexpected message
EXTENDED COMMENTS (1) The global boolean variable BDL is FALSE by point-to-point data link and TRUE by broadcasting link use. (2) A valid SETUP PDU with an incompatible bearer capability information element is transmitted. (3) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.2.2, annex B ETS 300 104/156 A.1.1.2.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/SU/N/TC10009			
IDENTIFIER	TC10009			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a valid SETUP PDU containing an incompatible High layer compatibility information element (optional parameter), the IUT reacts as follows: - ignore the PDU or send a RELEASE COMPLETE PDU with cause value 88 (broadcast data link); - send a RELEASE COMPLETE PDU with cause value 88 (point-to-point data link).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 [BDL=TRUE] L!SETUP START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +CS50001(0) +UM59902 GOTO L1 [BDL=FALSE] L!SETUP_P START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L2	L1	SU5(CREF,bch_num) RC3(1,CREf,88)	(P)	preamble to U0 parameter (1) incompatible SETUP (2) valid RELEASE COMPLETE state=0? (3) TAC timeout state=0? (3) unexpected message
	L2	SU5(CREF,bch_num) RC3(1,CREf,88)	(P)	parameter (1) incompatible SETUP (2) valid RELEASE COMPLETE state=0? (3) TAC timeout (F)
			(F)	TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) The global boolean variable BDL is FALSE by point-to-point data link, and TRUE by broadcasting link use. (2) A valid SETUP PDU with an incompatible high layer compatibility information element is transmitted. (3) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.2.2, annex B ETS 300 104/156 A.1.1.2.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/I/DI/N/TC10010			
IDENTIFIER	TC10010			
PURPOSE	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that on receipt of an inopportune PDU (DISCONNECT), the IUT responds with a RELEASE PDU or a RELEASE COMPLETE PDU with cause value 81.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!DISC START TAC		DI2(0,CREF,16)		inopportune PDU
L?RELr CANCEL TAC	L1	RL2(1,CREF,81)		valid RELEASE
L!REL_COM		RC2(0,CREF,81)	P	valid RELEASE COMPLETE
L?REL_COMr CANCEL TAC		RC3(1,CREF,81)	P	valid RELEASE COMPLETE
?TIMEOUT TAC			(F)	TAC timeout
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
References to Recommendations				
ETS 300 102-1 5.8.3.2 (a)		ETS 300 104/156 A.2.3.1		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/I/SU/N/TC10011			
IDENTIFIER	TC10011			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that on receipt of a repeated valid SETUP PDU with the same call reference as the initial SETUP PDU, the IUT does not respond to the second SETUP PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0 compatible SETUP
L!SETUP START TAC		SU2(CREF,bch_num)		
L?SETUP_ACKr CANCEL TAC	L1	SUA1(CREF)	(P)	
L!SETUP START TNOAC		SU2(CREF,bch_num)		second SETUP
+SUBTREE2_TC10011	L2			
L?CALL_PROCr		CP1(CREF)	(P)	
+SUBTREE2_TC10011	L3			
?TIMEOUT TNOAC			(P)	
+CS59901(9,0)				
+UM59902				unexpected message
GOTO L3				
?TIMEOUT TNOAC			(P)	no IUT response
+CS59901(25,0)				state=25? (1)
+UM59902				unexpected message
GOTO L2				
L?CALL_PROCr CANCEL TAC		CP1(CREF)	(P)	
L!SETUP START TNOAC		SU2(CREF,bch_num)		second SETUP
+SUBTREE2_TC10011	L4			
?TIMEOUT TNOAC			(P)	no IUT response
+CS59901(9,0)				state=9? (1)
+UM59902				unexpected message
GOTO L4				
L?ALERTr CANCEL TAC		AL1(CREF)	(P)	
L!SETUP START TNOAC		SU2(CREF,bch_num)		second SETUP
+SUBTREE1_TC10011	L5			
?TIMEOUT TNOAC			(P)	no IUT response
+CS59901(7,0)				state=7? (1)
+UM59902				unexpected message
GOTO L5				
L?CONNR CANCEL TAC		CN1(CREF)	(P)	
L!SETUP START TNOAC		SU2(CREF,bch_num)		second SETUP
?TIMEOUT TNOAC	L6			
+CS59901(8,0)			(P)	no IUT response
+UM59902				state=8? (1)
GOTO L6				unexpected message
?TIMEOUT TAC			(F)	T timeout
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
SUBTREE1_TC10011				
L?CONNR		CN1(CREF)	(P)	
?TIMEOUT TNOAC	L7			
+CS59901(8,0)			(P)	state=8? (1)
+UM59902				unexpected message
GOTO L7				
SUBTREE2_TC10011				
+SUBTREE1_TC10011				
L?ALERTr		AL1(CREF)	(P)	
+SUBTREE1_TC10011	L8			
?TIMEOUT TNOAC			(P)	state=7? (1)
+CS59901(7,0)				unexpected message
+UM59902				
GOTO L8				
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.3.2 (e)		ETS 300 104/156 A.1.2		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10018			
IDENTIFIER	TC10018			
PURPOSE	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR101(CREF,bch_num)	(P)	preamble to U invalid call reference no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10019			
IDENTIFIER	TC10019			
PURPOSE	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a SETUP PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR102(CREF,bch_num)	(P)	preamble to U0 invalid call reference no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10020			
IDENTIFIER	TC10020			
PURPOSE	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR103(bch_num)	(P)	preamb. to U0 dummy call reference no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10021			
IDENTIFIER	TC10021			
PURPOSE	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with the global reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP_ERROR START TAC L?STATUSr CANCEL TAC +PO49901(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR104(bch_num) ST4(1,81,0)	(P) (F)	preamble to U0 invalid SETUP valid STATUS postamble to U0 no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10022			
IDENTIFIER	TC10022			
PURPOSE	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP_ERROR START TAC L?SETUP_ACKr CANCEL TAC +CS59901(25,0) L?CALL_PROCr CANCEL TAC +CS59901(9,0) L?ALERTr CANCEL TAC +CS59901(7,0) L?CONNr CANCEL TAC +CS59901(8,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR105(CREF,bch_num) SUAl(CREF) CPl(CREF) ALl(CREF) CNl(CREF)	 (P) (P) (P) (P) (P)	preamble to U0 invalid SETUP (1) state=25? (2) state=9? (2) state=7? (2) state=8? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence. (2) The test step CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10023			
IDENTIFIER	TC10023			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 10 Ensure that the IUT responds to the receipt of a PDU with a mandatory information element out of sequence by either sending a RELEASE COMPLETE PDU with cause value 96 and remains in the same state or processes the PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP_ERROR START TAC		ERR106(CREF,bch_num)		invalid SETUP (3)
L?REL_COMr CANCEL TAC	L1	RC3(1,CREf,96)	(P)	valid RELEASE COMPLETE state=0? (1)
+CS50001(0)				
L?SETUP_ACKr CANCEL TAC		SUA1(CREF)	(P)	state=25? (2)
+CS59901(25,0)				
L?CALL_PROCr CANCEL TAC		CP1(CREF)	(P)	state=9? (2)
+CS59901(9,0)				
L?ALERTr CANCEL TAC		AL1(CREF)	(P)	state=7? (2)
+CS59901(7,0)				
L?CONNr CANCEL TAC		CN1(CREF)	(P)	state=8? (2)
+CS59901(8,0)				
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) The subtree CS50001 is used for checking the IUT state.				
(2) The subtree CS59901 is used for checking the IUT state.				
(3) SETUP with mandatory information element out of sequence.				
References to Recommendations				
ETS 300 102-1 5.8.5.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10024			
IDENTIFIER	TC10024			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP_ERROR START TAC		ERR107(CREF,bch_num)		invalid SETUP
L?SETUP_ACKr CANCEL TAC	L1	SUA1(CREF)	(P)	state=25? (1)
+CS59901(25,0)				
L?CALL_PROCr CANCEL TAC		CP1(CREF)	(P)	state=9? (1)
+CS59901(9,0)				
L?ALERTr CANCEL TAC		AL1(CREF)	(P)	state=7? (1)
+CS59901(7,0)				
L?CONNr CANCEL TAC		CN1(CREF)	(P)	state=8? (1)
+CS59901(8,0)				
?TIMEOUT TAC			(F)	TAC timeout
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10025			
IDENTIFIER	TC10025			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP_ERROR START TAC		ERR108(CREF,bch_num)		SETUP (1)
L?SETUP_ACKr CANCEL TAC +CS59901(25,0)	L1	SUAL(CREF)	(P)	state=25? (2)
L?CALL_PROCr CANCEL TAC +CS59901(9,0)		CP1(CREF)	(P)	state=9? (2)
L?ALERTr CANCEL TAC +CS59901(7,0)		AL1(CREF)	(P)	state=7? (2)
L?CONNr CANCEL TAC +CS59901(8,0)		CN1(CREF)	(P)	state=8? (2)
?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1			(F)	TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) A compatible SETUP PDU with only mandatory parameters with duplicate Progress indicator information element is transmitted. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10026			
IDENTIFIER	TC10026			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a PDU with a mandatory information element with content error by sending a RELEASE COMPLETE PDU with cause value 100 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP_ERROR START TAC		ERR111(CREF)		invalid PDU (1)
L?REL_COMr CANCEL TAC +CS50001(0)	L1	RC3(1,CREF,100)	(P)	valid RELEASE COMPLETE state=0? (2)
?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1			(F)	no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid SETUP PDU with a mandatory information element content error is used. (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/N/TC10027			
IDENTIFIER	TC10027			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a PDU with unrecognised information element (coded comprehension required) by sending a RELEASE COMPLETE PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP_ERROR START TAC		ERR109(CREF,bch_num)		invalid PDU (1)
L?REL_COMr CANCEL TAC	L1	RC3(1,CREf,96)	(P)	valid RELEASE COMPLETE state=0? (2)
+CS50001(0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS				
(1) An invalid SETUP PDU containing an unrecognised information element with comprehension required coded as '01'H.				
(2) The subtree CS50001 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.7.1, 5.8.6.1		ETS 300 104/156 A.1.3.4		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/N/TC10028			
IDENTIFIER	TC10028			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a SETUP PDU with unrecognised optional information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
(STAT_TRANSM:=FALSE,ECV:=99)				
L!SETUP_ERROR START TAC		ERR110(CREF,bch_num)		invalid PDU (1)
L?SETUP_ACKr CANCEL TAC	L1	SUA1(CREF)	(P)	valid PDU state=25? (2)
+CS59901(25,0)				
L?CALL_PROCr CANCEL TAC		CP1(CREF)	(P)	valid PDU state=9? (2)
+CS59901(9,0)				
L?ALERTr CANCEL TAC		AL1(CREF)	(P)	valid PDU state=7? (2)
+CS59901(7,0)				
L?CONNr CANCEL TAC		CN1(CREF)	(P)	valid PDU state=8? (2)
+CS59901(8,0)				
L?STATUSr [STAT_TRANSM=FALSE]		ST6(1,CREf,ECV)	(P)	valid STATUS
(STAT_TRANSM:=TRUE)				
GOTO L1				
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) An invalid SETUP containing an unrecognised information element with comprehension not required.				
(2) The subtree CS59901 is used for checking the IUT relevant states.				
References to Recommendations				
ETS 300 102-1 5.8.7.1		ETS 300 104/156 A.1.3.5		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/N/TC10029			
IDENTIFIER	TC10029			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a SETUP PDU with non-mandatory element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 (STAT_TRANSM:=FALSE, ECV:=100)				preamble to U0
L!SETUP_ERROR START TAC		ERR112(CREF, bch_num)		invalid SETUP (1)
L?SETUP_ACKr CANCEL TAC	L1	SUA1(CREF)	(P)	valid PDU
+CS59901(25,0)				state=25? (2)
L?CALL_PROCr CANCEL TAC		CPI1(CREF)	(P)	valid PDU
+CS59901(9,0)				state=9? (2)
L?ALERTr CANCEL TAC		ALI1(CREF)	(P)	valid PDU
+CS59901(7,0)				state=7? (2)
L?CONNr CANCEL TAC		CNI1(CREF)	(P)	valid PDU
+CS59901(8,0)				state=8? (2)
L?STATUSr [STAT_TRANSM=FALSE] (STAT_TRANSM:=TRUE)		ST6(1,CREF, ECV)	(P)	valid STATUS
GOTO L1				
?TIMEOUT TAC			(F)	no response
+P049901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) A SETUP with an invalid Progress indicator information element is used.				
(2) The subtree CS59901 is used for checking the expected IUT states.				
References to Recommendations				
ETS 300 102-1 5.8.7.2				
ETS 300 104/156 A.1.3.6				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U00/V/RE/N/TC20001			
IDENTIFIER	TC20001			
PURPOSE	CALLED USER TESTS - STATE U0 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a valid RESUME PDU and enters the Resume request state U17.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 <IUT!RES>				preamble to U0
START TWAIT				invoke RESUME
L?RESr (CREF:=RES.CR_R)	L1	RE1	(P)	valid RESUME
# CANCEL TWAIT				
+CS59901(17,1)				state=17? (1)
?TIMEOUT TWAIT			(I)	no response
+P049901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.6.4				
ETS 300 104/156 A.2.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U00/V/SU/N/TC20002			
IDENTIFIER	TC20002			
PURPOSE	NULL STATE TESTS - STATE U0 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a valid SETUP and enters the Call Initiated state U1.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 <IUT!SETUP> START TWAIT L?SETUPr [(SETUP.BCAP = BCAPV) AND # ((SU_LLC = TRUE) AND # (SETUP.LLC = LLCV)) OR # ((SU_LLC = FALSE) AND # (SETUP.LLC=0))] AND # ((SU_HLC = TRUE) AND # (SETUP.HLC=HLCV)) OR # ((SU_HLC = FALSE) AND # (SETUP.HLC=0))] # (CREF::=SETUP.CR_R) CANCEL TWAIT +CS59901(1,1) L?SETUPr (CREF::=SETUP.CR_R) # CANCEL TWAIT +PO49901(1) ?TIMEOUT TWAIT +UM59902 GOTO L1	L1	SU1	(P)	preamble to U0 wait for SETUP valid SETUP
		SU1	(F)	state=1? SETUP not in line with test purpose (1)
			I	postamble to U0 no response unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.1 ETS 300 104/156 A.9.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U00/V/03/N/TC20003			
IDENTIFIER	TC20003			
PURPOSE	TIMER TESTS - TIMER T303 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the use of the optional timer T303.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 <IUT!SETUP> START TWAIT L?SETUPr (CREF::=SETUP.CR_R) # CANCEL TWAIT , START T303MAX L?SETUPr READTIMER T303MAX(T) [TIME(T303max,T303min,T)=FALSE] L!REL_COM [TIME(T303max,T303min,T)=TRUE] START T303MAX L?REL_COMr READTIMER T303MAX(T) , # CANCEL T303MAX [TIME(T303max,T303min,T)=TRUE] [TIME(T303max,T303min,T)=FALSE] ?TIMEOUT T303MAX +PO49901(1) +UM59902 GOTO L3 ?TIMEOUT T303MAX +PO49901(1) +UM59902 GOTO L2 ?TIMEOUT TWAIT +UM59902 GOTO L1	L1	SU1	(P)	preamble to U0 wait for SETUP valid SETUP
	L2	SU1	(F)	second SETUP T303 is not OK
		RC2(1,CREF,16)	F	T303 is OK
	L3	RC1(0,CREF)	(P)	valid RELEASE COMPLETE
			P	T303 is OK
			F	T303 is not OK
			(F)	T303MAX timeout
				unexpected message
			(F)	T303MAX timeout
				unexpected message
			I	TWAIT timeout unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.2.1 ETS 300 104/156 A.19.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/V/CP/N/TC10101			
IDENTIFIER	TC10101			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CALL PROCEEDING PDU, the IUT enters the Outgoing Call Proceeding state U3.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC +CS59901(3,1)		CP2(CREF,bch_num)		preamble to U1 valid CALL_PROC state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.5.1 ETS 300 104/156 A.10.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/V/RC/N/TC10102			
IDENTIFIER	TC10102			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	RC2(1,CREF,65)	(P)	preamble to U1 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.10.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/V/RL/N/TC10103			
IDENTIFIER	TC10103			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	RL3(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U1 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.2 ETS 300 104/156 A.10.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/V/SA/N/TC10104			
IDENTIFIER	TC10104			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a SETUP ACKNOWLEDGE PDU, the IUT enters the Overlap Sending state U2.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!SETUP_ACK START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	SUA2(CREF,bch_num)	(P)	preamble to U1 valid SETUP_ACK state=2? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.1, 5.1.2, 5.1.3 ETS 300 104/156 A.10.6				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/V/ST/N/TC10105			
IDENTIFIER	TC10105			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	ST2(1,CREF,111,0)	(P)	preamble to U1 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.10.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/V/SQ/O/TC10106			
IDENTIFIER	TC10106			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 +CS59901(1,1)				preamble to U1 state=1? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/I/CA/N/TC10107			
IDENTIFIER	TC10107			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CONN_ACK START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(1,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	CA3(CREF) ST3(0,CREF,98,1) ST3(0,CREF,101,1) SQ1(0,CREF) ST2(1,CREF,30,1)	(P)	preamble to U1 inopportune PDU valid STATUS valid STATUS state = 1? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4				
		ETS 300 104/156 A.10.3.1		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10108			
IDENTIFIER	TC10108			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(1,1) +UM59902 GOTO L1	L1	ERR11(CREF,bch_num)	(P)	preamble to U1 invalid PDU no response state=1? unexpected message (1) (2)
EXTENDED COMMENTS (1) A CALL PROCEEDING PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10109			
IDENTIFIER	TC10109			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(1,1) +UM59902 GOTO L1	L1	ERR12(CREF,bch_num)	(P)	preamble to U1 invalid call reference no response state=1? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10110			
IDENTIFIER	TC10110			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(1,1) +UM59902 GOTO L1	L1	ERR14(CREF,bch_num)	(P)	preamb. to U1 dummy call reference no response state=1? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10111			
IDENTIFIER	TC10111			
PURPOSE	CALL INITIATED STATE TEST - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(1,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR15(bch_num) ST4(0,81,0)	(P) (F)	preamble to U1 invalid CALL PROCEEDING valid STATUS state=1? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10112			
IDENTIFIER	TC10112			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR +CS59901(3,1)		ERR17(CREF,bch_num)		preamble to U1 invalid CALL PROCEEDING (1) state=3? (2)
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10113			
IDENTIFIER	TC10113			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR +CS59901(3,1)		ERR18(CREF,bch_num)		preamble to U1 invalid CALL PROCEEDING state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10114			
IDENTIFIER	TC10114			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR +CS59901(3,1)		ERR19(CREF,bch_num)		preamble to U1 CALL PROCEEDING state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10115			
IDENTIFIER	TC10115			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a CALL PROCEEDING PDU with mandatory information element missing, the IUT only returns a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(1,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR20(CREF) ST3(0,CREF,96,1)	(P) (F)	preamble to U1 invalid CALL PROCEEDING state=1? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10116			
IDENTIFIER	TC10116			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with mandatory information element with content error by sending a STATUS PDU with cause value 100 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(1,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR21(CREF) ST3(0,CREF,100,1)	(P) (F)	preamble to U1 invalid PDU (1) valid STATUS state=1? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid CALL PROCEEDING PDU with an invalid channel identification information element is used. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10117			
IDENTIFIER	TC10117			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(1,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR22(CREF,bch_num) ST3(0,CREF,96,1)	(P) (F)	preamble to U1 invalid PDU (1) valid STATUS state=1? no response (2) postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid CALL PROCEEDING PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10118			
IDENTIFIER	TC10118			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16			
	Ensure that on the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents and optionally sends a STATUS PDU with cause value 99.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 (STAT_TRANSM::=FALSE,ECV::=99) L!CALL_PROC_ERROR START TNOAC L?STATUSR CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS59901(3,1) ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR23(CREF,bch_num) ST6(0,CREF,ECV)	(P) (P)	preamble to U1 invalid PDU (1) valid STATUS postamble no response state=3? (2) unexpected message
EXTENDED COMMENTS (1) An invalid CALL PROCEEDING containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10119			
IDENTIFIER	TC10119			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17			
	Ensure that on receipt of a CALL PROCEEDING PDU with non mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 (STAT_TRANSM::=FALSE,ECV::=100) L!CALL_PROC_ERROR START TNOAC L?STATUSR CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS59901(3,1) ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR24(CREF,bch_num) ST6(0,CREF,ECV)	(P) (P)	preamble to U1 invalid PDU (1) valid STATUS state=3? (2) no response state=3? (2) unexpected message
EXTENDED COMMENTS (1) A CALL PROCEEDING with an invalid Progress indicator information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/N/TC10120			
IDENTIFIER	TC10120			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97 or with a STATUS ENQIRY PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(1,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR7(CREF) ST3(0,CREF,97,1) ST3(0,CREF,98,1) SQ1(0,CREF) ST2(1,CREF,30,1)	(P) (P) (P) (F)	preamble to U1 invalid PDU (1) valid STATUS valid STATUS state = 1? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) PDU with invalid message type is used. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.10.3.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10121			
IDENTIFIER	TC10121			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(1,1) +UM59902 GOTO L1	L1	ERR13(CREF,bch_num)	(P)	preamble to U1 invalid call reference (1) no response state=1? unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10122			
IDENTIFIER	TC10122			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(1,1) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U1 invalid PDU (1) no response state=1? (2) unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/AL/N/TC10201			
IDENTIFIER	TC10201			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an ALERTING PDU the IUT enters the Call Delivered state U4.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!ALERT +CS59901(4,1)		AL2(CREF)		preamble to U2 valid ALERTING state=4? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.7 ETS 300 104/156 A.11.9				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/CN/N/TC10202			
IDENTIFIER	TC10202			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU the IUT enters the Active state U10.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 [BCA=FALSE] L!CONN +CS59901(10,1) [BCA=TRUE] L!CONN START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	CN2(CREF) CN2(CREF) CA1(CREF)	(P) (F)	preamble to U2 parameter valid CONNECT state=10? (1) valid CONNECT ignore state=10? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The test suite parameter BCA has the value TRUE if the sending of CONN_ACK is implemented. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.8 ETS 300 104/156 A.11.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/CP/N/TC10203			
IDENTIFIER	TC10203			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CALL PROCEEDING PDU the IUT enters the Outgoing Call Proceeding state U3.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC +CS59901(3,1)		CP2(CREF,bch_num)		preamble to U2 valid CALL_PROC state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.5.2 ETS 300 104/156 A.11.8				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/DI/N/TC10204			
IDENTIFIER	TC10204			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	DI2(1,CREF,16) RL1(0,CREF)	(P) (F)	preamble to U2 valid DISC valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.11.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/IN/N/TC10205			
IDENTIFIER	TC10205			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	IN2(1,CREF)	(P)	preamble to U2 valid INFO no response state=2? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.11.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/PG/N/TC10206			
IDENTIFIER	TC10206			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!PROG START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	PG2(CREF)	(P)	preamble to U2 valid PROG no response state=2? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.4 ETS 300 104/156 A.11.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/RC/N/TC10207			
IDENTIFIER	TC10207			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	RC2(1,CREF,16)	(P)	preamble to U2 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.11.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/RL/N/TC10208			
IDENTIFIER	TC10208			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!REL_START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	RL3(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U2 valid RELEASE valid RELEASE COMPLETE state=0? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.11.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/SQ/O/TC10209			
IDENTIFIER	TC10209			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 +CS59901(2,1)				preamble to U2 state=2? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/ST/N/TC10210			
IDENTIFIER	TC10210			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	ST2(1,CREF,111,0)	(P)	preamble to U2 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.11.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/I/SA/N/TC10211			
IDENTIFIER	TC10211			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or a STATUS ENQUIRY PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!SETUP_ACK START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(2,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	SUA2(CREF,bch_num) ST3(0,CREF,98,2) ST3(0,CREF,101,2) SQ1(0,CREF) ST2(1,CREF,30,2)	(P) (P) (P) (F)	preamble to U2 inopportune PDU valid STATUS valid STATUS state = 2? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.11.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10212			
IDENTIFIER	TC10212			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	ERR11(CREF,bch_num)	(P)	preamble to U2 invalid PDU (1) no response state=2? (2) unexpected message
EXTENDED COMMENTS (1) A CALL PROCEEDING PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10213			
IDENTIFIER	TC10213			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	ERR12(CREF,bch_num)	(P)	preamble to U2 invalid call reference no response (1) state=2? unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10214			
IDENTIFIER	TC10214			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	ERR14(CREF,bch_num)	(P)	preamb. to U2 dummy call reference no response state=2? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10215			
IDENTIFIER	TC10215			
PURPOSE	OVERLAP SENDING STATE TEST - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(2,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR15(bch_num) ST4(0,81,0)	(P) (F)	preamble to U2 invalid CALL PROCEEDING valid STATUS state=2? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10216			
IDENTIFIER	TC10216			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR +CS59901(3,1)		ERR17(CREF,bch_num)		preamble to U2 invalid CALL PROCEEDING state=3? (1) (2)
EXTENDED COMMENTS (1) Optional information element out of sequence. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10217			
IDENTIFIER	TC10217			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR +CS59901(3,1)		ERR18(CREF,bch_num)		preamble to U2 invalid CALL PROCEEDING state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10218			
IDENTIFIER	TC10218			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR +CS59901(3,1)		ERR19(CREF,bch_num)		preamble to U2 CALL PROCEEDING state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10219			
IDENTIFIER	TC10219			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(2,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR22(CREF,bch_num) ST3(0,CREf,96,2)	(P) (F)	preamble to U2 invalid PDU (1) valid STATUS state=2? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid CALL PROCEEDING PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10220			
IDENTIFIER	TC10220			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 (STAT_TRANSM::=FALSE,ECV::=99) L!CALL_PROC_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS59901(3,1) ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR23(CREF,bch_num) ST6(0,CREf,ECV)	(P) (P)	preamble to U2 invalid PDU (1) valid STATUS state=3? (2) no response state=3? (2) unexpected message
EXTENDED COMMENTS (1) An invalid CALL PROCEEDING PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10223			
IDENTIFIER	TC10223			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with a mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR53(1,CREF) RL2(0,CREF,100)	(P) (F)	preamble to U2 invalid PDU (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/N/TC10224			
IDENTIFIER	TC10224			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQIRY PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(2,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR7(CREF) ST3(0,CREF,97,2) ST3(0,CREF,98,2) SQ1(0,CREF) ST2(1,CREF,30,2)	(P) (P) (P) (F)	preamble to U2 invalid PDU (1) valid STATUS valid STATUS state = 2? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) A PDU with invalid message type is used. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.11.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10225			
IDENTIFIER	TC10225			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	ERR13(CREF,bch_num)	(P)	preamble to U2 invalid call reference no response state=2? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10226			
IDENTIFIER	TC10226			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U2 invalid PDU (1) no response state=2? unexpected message (2)
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U02/V/04/O/TC20201			
IDENTIFIER	TC20201			
PURPOSE	TIMER TESTS - TIMER T304 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T304.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 <IUT!INFO> START TWAIT L?INFOr CANCEL TWAIT , START T304MAX L?DISCr READTIMER T304MAX(T) , # CANCEL T304MAX [TIME(T304max,T304min,T)=TRUE] +PO49901(1) [TIME(T304max,T304min,T)=FALSE] +PO49901(1) L?INFOr START T304MAX GOTO L2 ?TIMEOUT T304MAX +PO49901(1) +UM59902 GOTO L2 ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L1	L1 L2	IN1(0,CREF) DI1(0,CREF)		preamble to U2 wait for INFO with SCI valid DISC (P) T304 is OK postamble to U0 (F) T304 is not OK postamble to U0 (F) T304MAX timeout unexpected message (I) TWAIT timeout unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.1.3, 9.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U02/V/DI/N/TC20203			
IDENTIFIER	TC20203			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 <IUT!DISC> START TWAIT L?DISCr CANCEL TWAIT +CS59901(11,1) L?DISCr CANCEL TWAIT +PO49901(1) L?DISCr CANCEL TWAIT +PO49901(1) ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L1	L1	DI3(0,CREF,16) DI3(0,CREF,18) DI3(0,CREF,102)		preamble to U2 wait for DISC (P) valid DISC, correct cause value state=11? (1) (I) valid DISC, incorrect cause value postamble to U0 (I) valid DISC, incorrect cause value postamble to U0 (I) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.3 ETS 300 104/156 A.11.12				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U02/V/IN/N/TC20204			
IDENTIFIER	TC20204			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits an INFORMATION PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 <IUT!INFO> START TWAIT L?INFor CANCEL TWAIT +CS59901(2,1) ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L1	L1	IN1(0,CREF)	(P) (I)	preamble to U2 wait for INFO state=2? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5, 5.1.3 ETS 300 104/156 A.11.11				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/AL/N/TC10301			
IDENTIFIER	TC10301			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an ALERTING PDU, the IUT enters the Call Delivered state U4.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!ALERT +CS59901(4,1)		AL2(CREF)		preamble to U3 valid ALERT state=4? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.7 ETS 300 104/156 A.12.8				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/CN/N/TC10302			
IDENTIFIER	TC10302			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU, the IUT enters the Active state U10.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 [BCA=FALSE] L!CONN +CS59901(10,1) [BCA=TRUE] L!CONN START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	CN2(CREF) CN2(CREF) CA1(CREF)	 (P) (F)	preamble to U3 parameter valid CONN state=10? (1) (2) valid CONN valid CONN_ACK state=10? (2) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) The test suite parameter BCA has the value TRUE if the sending of CONN_ACK is supported. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.8 ETS 300 104/156 A.12.9				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/DI/N/TC10303			
IDENTIFIER	TC10303			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	DI2(1,CREf,16) RL1(0,CREf)	(P) (F)	preamble to U3 valid DISC valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.12.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/IN/N/TC10304			
IDENTIFIER	TC10304			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	IN2(1,CREf)	(P)	preamble to U3 valid INFO no response state=3? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.12.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/PG/N/TC10305			
IDENTIFIER	TC10305			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!PROG START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	PG2(CREf)	(P)	preamble to U3 valid PROGRESS no response state=3? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.4 ETS 300 104/156 A.12.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/RC/N/TC10306			
IDENTIFIER	TC10306			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the state Null U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	RC2(1,CREF,16)	(P)	preamble to U3 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.12.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/RL/N/TC10307			
IDENTIFIER	TC10307			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!REL_START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	RL3(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U3 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.12.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/SQ/O/TC10308			
IDENTIFIER	TC10308			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 +CS59901(3,1)				preamble to U3 state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/ST/N/TC10309			
IDENTIFIER	TC10309			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	ST2(1,CREF,111,0)	(P)	preamble to U3 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.12.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/I/CP/N/TC10310			
IDENTIFIER	TC10310			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CALL_PROC START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(3,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	CP2(CREF,bch_num) ST3(0,CREF,98,3) ST3(0,CREF,101,3) SQ1(0,CREF) ST2(1,CREF,30,3)	(P) (P) (P) (F)	preamble to U3 inopportune PDU valid STATUS valid STATUS state = 3? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.12.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10311			
IDENTIFIER	TC10311			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR26(CREF)	(P)	preamble to U3 invalid PDU no response state=3? unexpected message (1) (2)
EXTENDED COMMENTS (1) A CONNECT PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10312			
IDENTIFIER	TC10312			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR27(CREF)	(P)	preamble to U3 invalid call reference no response state=3? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10313			
IDENTIFIER	TC10313			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR29	(P)	preamb. to U3 dummy call reference no response state=3? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10314			
IDENTIFIER	TC10314			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CONN_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(3,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR30(1) ST4(0,81,0)	(P) (F)	preamble to U3 invalid call reference valid STATUS state=3? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10315			
IDENTIFIER	TC10315			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 [BCA=FALSE] L!CONN_ERROR +CS59901(10,1) [BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1		ERR32(CREF)		preamble to U3 parameter state=10? (1) (2)
	L1	ERR32(CREF) CAL(CREF)	(P) (F)	valid CONN_ACK state=10? (1) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10316			
IDENTIFIER	TC10316			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 [BCA=FALSE] L!CONN_ERROR +CS59901(10,1) [BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1		ERR33(CREF)		preamble to U3 parameter invalid CONNECT state=10? (1)
	L1	ERR33(CREF) CAL(CREF)	(P) (F)	invalid CONNECT valid CONNECT ACKNOWLEDGE state=10? (1) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10317			
IDENTIFIER	TC10317			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 [BCA=FALSE] L!CONN_ERROR +CS59901(10,1) [BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR34(CREF) ERR34(CREF) CA1(CREF)	(P) (F)	preamble to U3 parameter invalid CONNECT state=10? (1) parameter invalid CONNECT state=10? (2) parameter invalid CONNECT valid CONNECT ACKNOWLEDGE state=10? (1) TAC timeout (2) postamble to U0 unexpected message
EXTENDED COMMENTS (1) The test suite parameter BCA has the value TRUE if the sending of CONNECT ACKNOWLEDGE is supported. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10318			
IDENTIFIER	TC10318			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CONNECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CONN_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(3,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR35(CREF) ST3(0,CREf,96,3)	(P) (F)	preamble to U3 invalid PDU valid STATUS state=3? (1) no response (2) postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid CONNECT containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10319			
IDENTIFIER	TC10319			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT PDU with unrecognised optional information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
[BCA=FALSE]				
(STAT_TRANSM::=FALSE,ECV::=99)				
L!CONN_ERROR START TNOAC		ERR36(CREF)		invalid PDU (1)
L?STATUSr CANCEL TNOAC	L1	ST6(0,CREF,ECV)	(P)	(3)
(STAT_TRANSM::=TRUE)				
+CS59901(10,1)				state=10? (2)
?TIMEOUT TNOAC			(P)	state=10? (2)
+CS59901(10,1)				unexpected message
+UM59902				
GOTO L1				
[BCA=TRUE]				
(STAT_TRANSM::=FALSE,ECV::=99)				
L!CONN_ERROR START TAC		ERR36(CREF)		invalid PDU (1)
L?STATUSr [STAT_TRANSM=FALSE]	L2	ST6(0,CREF,ECV)	(P)	valid STATUS
(STAT_TRANSM::=TRUE)				
L?CONN_ACKr CANCEL TAC	L3	CA1(CREF)	(P)	valid PDU (2)
+CS59901(10,1)				state=10?
?TIMEOUT TAC			(F)	postamble to U0
+P049901(1)				unexpected message
+UM59902				
GOTO L3				
L?CONN_ACKr CANCEL TAC		CA1(CREF)	(P)	valid PDU (2)
+CS59901(10,1)				state=10?
?TIMEOUT TAC			(F)	postamble to U0
+P049901(1)				unexpected message
+UM59902				
GOTO L2				
EXTENDED COMMENTS				
(1) An invalid CONNECT PDU containing an unrecognised information element with comprehension not required.				
(2) The subtree CS59901 is used for checking the IUT state.				
(3) CSTV is 3 or 10.				
References to Recommendations				
ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10320			
IDENTIFIER	TC10320			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining content as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
[BCA=FALSE] (STAT_TRANSM::=FALSE,ECV::=100) L!CONN_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS59901(10,1) ?TIMEOUT TNOAC +CS59901(10,1) +UM59902 GOTO L1	L1	ERR37(CREF) ST6(0,CREF,ECV)	(P)	invalid PDU (1) state=10? (3)
[BCA=TRUE] (STAT_TRANSM::=FALSE,ECV::=100) L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) L?STATUSr [STAT_TRANSM=FALSE] (STAT_TRANSM::=TRUE) GOTO L2 ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L2	L2	ERR37(CREF) CA1(CREF) ST6(0,CREF,ECV)	(P) (P) (F)	invalid PDU (1) valid PDU state=10? (2) valid STATUS postamble to U0 unexpected message
EXTENDED COMMENTS (1) A CONNECT PDU with an invalid Progress indicator information element is used. (2) The subtree CS59901 is used for checking the IUT state. (3) CSTV is 3 or 10. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10321			
IDENTIFIER	TC10321			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR50(1,CREF) RL2(0,CREF,96)	(P) (F)	invalid DISCONNECT (1) valid RELEASE state=19? postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10322			
IDENTIFIER	TC10322			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
L!DISC_ERROR START TAC		ERR53(1,CREF)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(0,CREF,100)	(P)	valid RELEASE state=19? (2)
+CS59901(19,1)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(1)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS				
(1) An invalid DISCONNECT PDU with an invalid Cause information element is used.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/N/TC10323			
IDENTIFIER	TC10323			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
L!ERR_SHORT START TAC		ERR7(CREF)		invalid PDU (1)
L?STATUSr CANCEL TAC	L1	ST3(0,CREF,97,3)	(P)	valid STATUS
+PO49901(1)				
L?STATUSr CANCEL TAC		ST3(0,CREF,98,3)	(P)	valid STATUS
+PO49901(1)				
L?ST_ENQr CANCEL TAC		SQ1(0,CREF)	(P)	
L!STATUS		ST2(1,CREF,30,3)		
+CS59901(3,1)				state = 3?
?TIMEOUT TAC			(F)	no response
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) PDU with invalid message type is used.				
References to Recommendations				
ETS 300 102-1 5.8.4 ETS 300 104/156 A.12.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10324			
IDENTIFIER	TC10324			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR28(1,CREF)	(P)	preamble to U3 invalid call reference no response state=3? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10325			
IDENTIFIER	TC10325			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U3 invalid PDU (1) no response (2) state=3? unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U03/V/DI/N/TC20301			
IDENTIFIER	TC20301			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 <IUT!DISC> START TWAIT L?DISCr CANCEL TWAIT +CS59901(11,1) L?DISCr CANCEL TWAIT +PO49901(1) L?DISCr CANCEL TWAIT +PO49901(1) ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L1	L1	DI3(0,CREF,16) DI3(0,CREF,18) DI3(0,CREF,102)	(P) (I) (I) (I)	preamble to U3 wait for DISC valid DISC, correct cause value state=11? (1) valid DISC, incorrect cause value postamble to U0 valid DISC, incorrect cause value postamble to U0 no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.3 ETS 300 104/156 A.12.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U03/V/10/O/TC20302			
IDENTIFIER	TC20302			
PURPOSE	TIMER TESTS - TIMER T310 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T310.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
START T310MAX				
L?DISC _r READTIMER T310MAX(T) ,	L1	DI1(0,CREF)	(P)	valid DISCONNECT
# CANCEL T310MAX				
[TIME(T310max,T310min,T)=TRUE]			(P)	T310 is OK
+PO49901(1)				postamble to U0
[TIME(T310max,T310min,T)=FALSE]			(F)	T310 is not OK
+PO49901(1)				postamble to U0
?TIMEOUT T310MAX			(F)	T310MAX timeout
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
References to Recommendations				
ETS 300 102-1 9.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/CN/N/TC10401			
IDENTIFIER	TC10401			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU, the IUT enters the Active state U10.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401				preamble to U4
[BCA=FALSE]				parameter (1)
L!CONN		CN2(CREF)		valid CONNECT
+CS59901(10,1)				state=10? (2)
[BCA=TRUE]				
L!CONN START TAC		CN2(CREF)		valid CONN
L?CONN_ACK _r CANCEL TAC	L1	CA1(CREF)	(P)	valid CONN_ACK
+CS59901(10,1)				state=10? (2)
?TIMEOUT TAC			(F)	TAC timeout
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) The test suite parameter BCA has the value TRUE if the sending of CONNECT ACKNOWLEDGE is supported.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.1.8		ETS 300 104/156 A.13.8		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/DI/N/TC10402			
IDENTIFIER	TC10402			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	DI2(1,CREF,16) RL1(0,CREF)	(P) (F)	preamble to U4 valid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.13.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/IN/N/TC10403			
IDENTIFIER	TC10403			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	IN2(1,CREF)	(P)	preamble to U4 valid INFO no response state=4? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.13.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/PG/N/TC10404			
IDENTIFIER	TC10404			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!PROG START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	PG2(CREF)	(P)	preamble to U4 valid PROGRESS no response state=4? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.4 ETS 300 104/156 A.13.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/RC/N/TC10405			
IDENTIFIER	TC10405			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	RC2(1,CREF,16)	(P)	preamble to U4 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.13.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/RL/N/TC10406			
IDENTIFIER	TC10406			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!REL_START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	RL3(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U4 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.13.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/SQ/O/TC10407			
IDENTIFIER	TC10407			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 +CS59901(4,1)				preamble to U4 state=4? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/ST/N/TC10408			
IDENTIFIER	TC10408			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	ST2(1,CREF,111,0)	(P)	preamble to U4 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.13.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/I/AL/N/TC10409			
IDENTIFIER	TC10409			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!ALERT START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(4,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	AL2(CREF) ST3(0,CREF,98,4) ST3(0,CREF,101,4) SQ1(0,CREF) ST2(1,CREF,30,4)	(P) (P) (P) (F)	preamble to U4 inopportune PDU valid STATUS valid STATUS state = 4? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.13.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10410			
IDENTIFIER	TC10410			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	ERR26(CREF)	(P)	preamble to U4 invalid PDU (1) no response state=4? (2) unexpected message
EXTENDED COMMENTS (1) A CONNECT PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10411			
IDENTIFIER	TC10411			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	ERR27(CREF)	(P)	preamble to U4 invalid call reference no response state=4? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10412			
IDENTIFIER	TC10412			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	ERR29	(P)	preamb. to U4 dummy call reference no response state=4? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10413			
IDENTIFIER	TC10413			
PURPOSE	CALL DELIVERED STATE TEST - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(4,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR30(1) ST4(0,81,0)	(P) (F)	preamble to U4 invalid CONNECT valid STATUS state=4? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10414			
IDENTIFIER	TC10414			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 [BCA=FALSE] L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(10,1) +UM59902 GOTO L1	L1	ERR32(CREF)	(P)	preamble to U4 parameter invalid CONNECT (1) state=10? (2) unexpected message
[BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L2	L2	ERR32(CREF) CA1(CREF)	(P) (F)	invalid CONNECT (1) valid CONNECT ACKNOWLEDGE state=10? (2) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10415			
IDENTIFIER	TC10415			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 [BCA=FALSE] L!CONN_ERROR +CS59901(10,1) [BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR33(CREF) ERR33(CREF) CA1(CREF)	(P) (F)	preamble to U4 parameter invalid CONNECT (1) state=10? (2) parameter invalid CONNECT (1) valid CONNECT ACKNOWLEDGE state=10? (2) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) The test suite parameter BCA has the value TRUE if the sending of CONNECT ACKNOWLEDGE is supported. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10416			
IDENTIFIER	TC10416			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 [BCA=FALSE] L!CONN_ERROR +CS59901(10,1) [BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1		ERR34(CREF)		preamble to U4 parameter (1) CONNECT state=10? (2) parameter (1) CONNECT (P) valid CONNECT ACKNOWLEDGE state=10? (2) (F) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) The test suite parameter BCA has the value TRUE if the sending of CONNECT ACKNOWLEDGE is supported. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10417			
IDENTIFIER	TC10417			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds the receipt of a CONNECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(4,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR35(CREF) ST3(0,CREf,96,4)	(P) (F)	preamble to U4 invalid PDU (1) valid STATUS state=4? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid CONNECT PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10418			
IDENTIFIER	TC10418			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause 99.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401				preamble to U4
[BCA=FALSE] (STAT_TRANSM::=FALSE,ECV::=99) L!CONN_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS59901(10,1) ?TIMEOUT TNOAC +CS59901(10,1) +UM59902 GOTO L1	L1	ERR36(CREF) ST6(0,CREF,ECV)	(P)	invalid PDU (1) state=10? (3)
[BCA=TRUE] (STAT_TRANSM::=FALSE,ECV::=99) L!CONN_ERROR START TAC L?STATUSr [STAT_TRANSM=FALSE] (STAT_TRANSM::=TRUE) L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L3	L2	ERR36(CREF) ST6(0,CREF,ECV)	(P)	invalid PDU (1) valid STATUS
L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L2	L3	CA1(CREF)	(P)	valid PDU (2) state=10?
L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L2		CA1(CREF)	(F)	postamble to U0 (2) unexpected message
EXTENDED COMMENTS (1) An invalid CONNECT PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. (3) CSTV is 4 or 10. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10419			
IDENTIFIER	TC10419			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 [BCA=FALSE] (STAT_TRANSM::=FALSE,ECV::=100) L!CONN_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS59901(10,1) ?TIMEOUT TNOAC +CS59901(10,1) +UM59902 GOTO L1 [BCA=TRUE] (STAT_TRANSM::=FALSE,ECV::=100) L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) L?STATUSr [STAT_TRANSM=FALSE] (STAT_TRANSM::=TRUE) GOTO L2 ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L2	L1	ERR37(CREF) ST6(0,CREF,ECV)	(P)	preamble to U4 invalid PDU (1) valid STATUS (3) state=10? (2) state=10? (2) unexpected message
	L2	ERR37(CREF) CAL(CREF) ST6(0,CREF,ECV)	(P) (P)	invalid PDU (1) valid PDU state=10? (2) valid STATUS
			(F)	postamble to U0 unexpected message
EXTENDED COMMENTS (1) A CONNECT PDU with an invalid Progress indicator information element is used. (2) The subtree CS59901 is used for checking the IUT state. (3) CSTV is 4 or 10. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10420			
IDENTIFIER	TC10420			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR50(1,CREF) RL2(0,CREF,96)	(P)	preamble to U4 invalid DISCONNECT valid RELEASE state=19? (1)
			(F)	postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10423			
IDENTIFIER	TC10423			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	ERR28(1,CREF)	(P)	preamble to U4 invalid call reference no response state=4? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10424			
IDENTIFIER	TC10424			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U4 invalid PDU (1) no response (2) state=4? unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U04/V/DI/N/TC20401			
IDENTIFIER	TC20401			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 <IUT!DISC> START TWAIT L?DISC< CANCEL TWAIT +CS59901(11,1) ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L1	L1	DI3(0,CREf,16)	(P) (I)	preamble to U4 wait for DISC valid DISC state=11? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.3 ETS 300 104/156 A.13.9				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/DI/N/TC10701			
IDENTIFIER	TC10701			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	DI2(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U7 valid DISC valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/IN/N/TC10702			
IDENTIFIER	TC10702			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(7,0) +UM59902 GOTO L1	L1	IN2(0,CREF)	(P)	preamble to U7 valid INFO no response state=7? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.6.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/RC/N/TC10703			
IDENTIFIER	TC10703			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREF,16)	(P)	preamble to U7 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.6.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/RL/N/TC10704			
IDENTIFIER	TC10704			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RL3(0,CREf,16) RC1(1,CREf)	(P) (F)	preamble to U7 valid REL valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.2 ETS 300 104/156 A.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/SQ/O/TC10705			
IDENTIFIER	TC10705			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 +CS59901(7,0)				preamble to U7 state=7? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/ST/N/TC10706			
IDENTIFIER	TC10706			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREf,111,0)	(P)	preamble to U7 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.6.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10710			
IDENTIFIER	TC10710			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(7,0) +UM59902 GOTO L1	L1	ERR44(31)	(P)	preamb. to U7 dummy call reference no response state=7? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10711			
IDENTIFIER	TC10711			
PURPOSE	CALL RECEIVED STATE TEST - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(7,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR45(0,16) ST4(1,81,0)	(P) (F)	preamble to U7 invalid DISCONNECT valid STATUS state=7? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10712			
IDENTIFIER	TC10712			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR47(0,CREF,31) RL1(1,CREF)	(P) (F)	preamble to U7 invalid DISCONNECT (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10713			
IDENTIFIER	TC10713			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR48(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U7 invalid DISCONNECT valid RELEASE state=19? TAC timeout postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10714			
IDENTIFIER	TC10714			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR49(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U7 DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10715			
IDENTIFIER	TC10715			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR50(0,CREF) RL2(1,CREF,96)	(P) (F)	preamble to U7 invalid DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10716			
IDENTIFIER	TC10716			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701				preamble to U7
L!DISC_ERROR START TAC		ERR53(0,CREF)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,100)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10717			
IDENTIFIER	TC10717			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701				preamble to U7
L!DISC_ERROR START TAC		ERR51(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,96)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10718			
IDENTIFIER	TC10718			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR52(0,CREf,16) RL2(1,CREf,99)	(P) (F)	preamble to U7 invalid PDU (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10719			
IDENTIFIER	TC10719			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100..			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 (STAT_TRANSM::=FALSE,ECV::=100) L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) L?STATUSr [STAT_TRANSM=FALSE] (STAT_TRANSM::=TRUE) GOTO L1 ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR54(0,CREf,16) RL1(1,CREf) ST6(1,CREf,ECV)	(P) (P) (F)	preamble to U7 invalid PDU (1) valid RELEASE state=19? (2) valid STATUS no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) A DISCONNECT PDU with an invalid Progress indicator information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/N/TC10720			
IDENTIFIER	TC10720			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(0) L?STATUSr CANCEL TAC +PO49901(0) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(7,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR5(CREF) ST3(1,CREF,97,7) ST3(1,CREF,98,7) SQ1(1,CREF) ST2(0,CREF,30,7)	(P) (P) (P) (F)	preamble to U7 invalid PDU (1) valid STATUS valid STATUS state = 7? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) A PDU with invalid message type is used. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.6.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10721			
IDENTIFIER	TC10721			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(7,0) +UM59902 GOTO L1	L1	ERR43(0,CREF,31)	(P)	preamble to U7 invalid call reference (1) no response state=7? unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10722			
IDENTIFIER	TC10722			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the state U7.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701				preamble to U7
L!ERR_SHORT START TNOAC		ERR2(CREF)		invalid PDU (1)
?TIMEOUT TNOAC	L1		(P)	no response
+CS59901(7,0)				state=7? (2)
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) A PDU without message type is used.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U07/V/PG/N/TC20701			
IDENTIFIER	TC20701			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a PROGRESS PDU when prompted and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701				preamble to U7
<IUT!PROG>				wait for PROG
START TWAIT				
L?PROGr CANCEL TWAIT	L1	Pg1(CREF,1)	(P)	valid PROGRESS (1)
+CS59901(7,0)				state=7? (2)
L?PROGr CANCEL TWAIT		Pg1(CREF,2)	(P)	valid PROGRESS (3)
+CS59901(7,0)				state=7? (2)
L?PROGr CANCEL TWAIT		Pg1(CREF,4)	(P)	valid PROGRESS (4)
+CS59901(7,0)				state=7? (2)
?TIMEOUT TWAIT			(I)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) Call is not end-to-end ISDN.				
(2) The subtree CS59901 is used for checking the IUT state.				
(3) Destination address is non-ISDN.				
(4) Call has returned to ISDN.				
References to Recommendations				
ETS 300 102-1 5.2.6		ETS 300 104/156 A.6.7		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/CA/N/TC10801			
IDENTIFIER	TC10801			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT enters the Active state U10 on receipt of a CONNECT ACKNOWLEDGE PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801				preamble to U8
L!CONN ACK		CA2(CREF)		valid CONNECT ACKNOWLEDGE
+CS59901(10,0)				state=10? (1)
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.2.8		ETS 300 104/156 A.7.7		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/DI/N/TC10802			
IDENTIFIER	TC10802			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	DI2(0,CREf,16) RL1(1,CREf)	(P) (F)	preamble to U8 valid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/IN/N/TC10803			
IDENTIFIER	TC10803			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(8,0) +UM59902 GOTO L1	L1	IN2(0,CREf)	(P)	preamble to U8 valid INFO no response state=8? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.7.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/RC/N/TC10804			
IDENTIFIER	TC10804			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREf,16)	(P)	preamble to U8 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.7.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/RL/N/TC10805			
IDENTIFIER	TC10805			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RC1(1,CREF)	(P) (F)	preamble to U8 valid RELEASE valid RELEASE COMPLETE state=0? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.2 (b), 5.2.9 ETS 300 104/156 A.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/SQ/O/TC10806			
IDENTIFIER	TC10806			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 +CS59901(8,0)				preamble to U8 state=8? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/ST/N/TC10807			
IDENTIFIER	TC10807			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U8 STATUS no response state=0? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.7.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/I/CN/N/TC10808			
IDENTIFIER	TC10808			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!CONN START TAC L?STATUSr CANCEL TAC +PO49901(0) L?STATUSr CANCEL TAC +PO49901(0) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(8,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	CN3(CREF) ST3(1,CREf,98,8) ST3(1,CREf,101,8) SQ1(1,CREf) ST2(0,CREf,30,8)	(P) (P) (P) (F)	preamble to U8 inopportune PDU valid STATUS valid STATUS state = 8? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.7.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10809			
IDENTIFIER	TC10809			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(8,0) +UM59902 GOTO L1	L1	ERR41(0,CREf,31)	(P)	preamble to U8 invalid PDU (1) no response state=8? (2) unexpected message
EXTENDED COMMENTS (1) A DISCONNECT PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10810			
IDENTIFIER	TC10810			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(8,0) +UM59902 GOTO L1	L1	ERR42(0,CREf,31)	(P)	preamble to U8 invalid call reference no response state=8? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10811			
IDENTIFIER	TC10811			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(8,0) +UM59902 GOTO L1	L1	ERR44(31)	(P)	preamb. to U8 dummy call reference no response state=8? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10812			
IDENTIFIER	TC10812			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(8,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR45(0,31) ST4(1,81,0)	(P) (F)	preamble to U8 invalid DISCONNECT valid STATUS state=8? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10813			
IDENTIFIER	TC10813			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!CONN_ACK_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR131(CREF)	(P)	preamble to U8 invalid CONNECT ACKNOWLEDGE no response state=10? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10814			
IDENTIFIER	TC10814			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CONNECT ACKNOWLEDGE PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!CONN_ACK_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(8,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR132(CREF) ST3(1,CREF,96,8)	(P) (F)	preamble to U8 invalid PDU (1) valid STATUS state=8? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid CONNECT_ACK PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10815			
IDENTIFIER	TC10815			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT ACKNOWLEDGE PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause 99.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 (STAT_TRANSM:=FALSE,ECV:=99) L!CONN_ACK_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM:=TRUE) +CS59901(10,0) ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR133(CREF) ST6(1,CREF,ECV)	(P) (P)	preamble to U8 invalid PDU (1) valid STATUS (3) state=10? (2) no response state=10? (2) unexpected message
EXTENDED COMMENTS (1) An invalid CONNECT ACKNOWLEDGE PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. (3) CSTV is 8 or 10. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10818			
IDENTIFIER	TC10818			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR49(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U8 DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10819			
IDENTIFIER	TC10819			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR50(0,CREF) RL2(1,CREF,96)	(P) (F)	preamble to U8 invalid DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10820			
IDENTIFIER	TC10820			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR53(0,CREF) RL2(1,CREF,100)	(P) (F)	preamble to U8 invalid PDU valid RELEASE state=19? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10823			
IDENTIFIER	TC10823			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!ERR_SHORT START TNOAC		ERR2(CREF)		preamble to U8 invalid PDU (1)
?TIMEOUT TNOAC +CS59901(8,0)	L1		(P)	no response state=8? (2)
+UM59902 GOTO L1				unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U08/V/13/N/TC20801			
IDENTIFIER	TC20801			
PURPOSE	TIMER TESTS - TIMER T313 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T313.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 START T313MAX				preamble to U8
L?DISCr READTIMER T313MAX(T) ,	L1	DI1(1,CREF)	(P)	valid DISC
# CANCEL T313MAX [TIME(T313max,T313min,T)=TRUE]			(P)	T313 is OK postamble to U0
+PO49901(0)			(F)	T313 is not OK postamble to U0
[TIME(T313max,T313min,T)=FALSE]			(F)	T313MAX timeout postamble to U0
+PO49901(0)			(F)	unexpected message
?TIMEOUT T313MAX +PO49901(0)				
+UM59902 GOTO L1				
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.2.7, 5.2.8, 9.1 ETS 300 104/156 A.19.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/DI/N/TC10901			
IDENTIFIER	TC10901			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC START TAC		DI2(0,CREF,16)		preamble to U9 valid DISC
L?RELR CANCEL TAC +CS59901(19,0)	L1	RL1(1,CREF)	(P)	valid RELEASE state=19? (1)
?TIMEOUT TAC +PO49901(0)			(F)	no response postamble to U0
+UM59902 GOTO L1				unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/IN/N/TC10902			
IDENTIFIER	TC10902			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	IN2(0,CREF)	(P)	preamble to U9 no response state=9? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.5.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/RC/N/TC10903			
IDENTIFIER	TC10903			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREF,16)	(P)	preamble to U9 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.5.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/RL/N/TC10904			
IDENTIFIER	TC10904			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RC1(1,CREF)	(P) (F)	preamble to U9 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.2 (b) ETS 300 104/156 A.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/SQ/O/TC10905			
IDENTIFIER	TC10905			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 +CS59901(9,0)				preamble to U9 state=9? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/ST/N/TC10906			
IDENTIFIER	TC10906			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U9 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.5.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/I/CN/N/TC10907			
IDENTIFIER	TC10907			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause 98 or 101, or a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!CONN START TAC L?STATUSr CANCEL TAC +PO49901(0) L?STATUSr CANCEL TAC +PO49901(0) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(9,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	CN3(CREF) ST3(1,CREF,98,9) ST3(1,CREF,101,9) SQ1(1,CREF) ST2(0,CREF,30,9)	(P) (P) (P) (F)	preamble to U9 inopportune PDU valid STATUS valid STATUS state = 9? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.5.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10908			
IDENTIFIER	TC10908			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	ERR41(0,CREF,31)	(P)	preamble to U9 invalid PDU (1) no response state=9? unexpected message (2)
EXTENDED COMMENTS (1) A DISCONNECT PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10909			
IDENTIFIER	TC10909			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	ERR42(0,CREF,31)	(P)	preamble to U9 invalid call reference no response state=9? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10910			
IDENTIFIER	TC10910			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	ERR44(31)	(P)	preamb. to U9 dummy call reference no response state=9? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. (2) The test suite parameter BCP has the value TRUE if CALL_PROCEEDING is implemented. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10911			
IDENTIFIER	TC10911			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(9,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR45(0,16) ST4(1,81,0)	(P) (F)	preamble to U9 invalid DISCONNECT valid STATUS state=9? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10912			
IDENTIFIER	TC10912			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR47(0,CREf,31) RL1(1,CREf)	(P) (F)	preamble to U9 invalid DISCONNECT (1) valid RELEASE (2) state=19? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10913			
IDENTIFIER	TC10913			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR48(0,CREf,16) RL1(1,CREf)	(P) (F)	preamble to U9 invalid DISCONNECT valid RELEASE (1) state=19? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10917			
IDENTIFIER	TC10917			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR51(0,CREF,16) RL2(1,CREF,96)	(P) (F)	preamble to U9 invalid PDU (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10918			
IDENTIFIER	TC10918			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR52(0,CREF,16) RL2(1,CREF,99)	(P) (F)	preamble to U9 invalid PDU (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10921			
IDENTIFIER	TC10921			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1. bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	ERR43(0,CREF,31)	(P)	preamble to U9 invalid call reference no response state=9? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10922			
IDENTIFIER	TC10922			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U9 invalid PDU (1) no response state=9? (2) unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U09/V/PG/N/TC20901			
IDENTIFIER	TC20901			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a PROGRESS PDU when prompted and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 <IUT!PROG> START TWAIT L?PROGr CANCEL TWAIT +CS59901(9,0) L?PROGr CANCEL TWAIT +CS59901(9,0) L?PROGr CANCEL TWAIT +CS59901(9,0) ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1	L1	PG1(CREF,1) PG1(CREF,2) PG1(CREF,4)	(P) (P) (P) (I)	preamble to U9 wait for PROG valid PROGRESS state=9? (1) valid PROGRESS state=9? (2) valid PROGRESS state=9? (3) valid PROGRESS state=9? (4) PROG not received postamble to U0 unexpected message (2)
EXTENDED COMMENTS (1) Call is not end-to-end ISDN. (2) The subtree CS59901 is used for checking the IUT state. (3) Destination address is non-ISDN. (4) Call has returned to ISDN. References to Recommendations ETS 300 102-1 5.2.6				
ETS 300 104/156 A.5.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/DI/N/TC11001			
IDENTIFIER	TC11001			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	DI2(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U10 valid DISCONNECT valid RELEASE state=19? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2				
ETS 300 104/156 A.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/IN/N/TC11002			
IDENTIFIER	TC11002			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	IN2(0,CREF)	(P)	preamble to U10 valid INFO no response state=10? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.8.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/NO/N/TC11003			
IDENTIFIER	TC11003			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a NOTIFY PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!NOTIFY START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	NO2(0,CREF)	(P)	preamble to U10 valid NOTIFY no response state=10? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.6.2, 5.6.4, 5.9 ETS 300 104/156 A.8.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/RC/N/TC11004			
IDENTIFIER	TC11004			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREF,16)	(P)	preamble to U10 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.8.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/RL/N/TC11005			
IDENTIFIER	TC11005			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RC1(1,CREF)	(P) (F)	preamble to U10 valid RELEASE valid RELEASE COMPLETE state=0? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/SQ/O/TC11006			
IDENTIFIER	TC11006			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 +CS59901(10,0)				preamble to U10 state=10? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/ST/N/TC11007			
IDENTIFIER	TC11007			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U10 no response state=0? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/I/CN/N/TC11008			
IDENTIFIER	TC11008			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!CONN START TAC L?STATUSr CANCEL TAC +PO49901(0) L?STATUSr CANCEL TAC +PO49901(0) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(10,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	CN3(CREF) ST3(1,CREf,98,10) ST3(1,CREf,101,10) SQ1(1,CREf) ST2(0,CREf,30,10)	(P) (P) (P) (F)	preamble to U10 inopportune PDU valid STATUS valid STATUS state = 10? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4				
ETS 300 104/156 A.8.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11009			
IDENTIFIER	TC11009			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR41(0,CREf,31)	(P)	preamble to U10 invalid PDU (1) no response state=10? (2) unexpected message
EXTENDED COMMENTS (1) A DISCONNECT PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/N/TC11010			
IDENTIFIER	TC11010			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the state U10.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR42(0,CREf,31)	(P)	preamble to U10 invalid call reference no response state=10? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				
ETS 300 104/156 A.8.4.2.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11011			
IDENTIFIER	TC11011			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR44(31)	(P)	preamb. to U10 dummy call reference no response state=10? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11012			
IDENTIFIER	TC11012			
PURPOSE	ACTIVE CALL STATE TEST - U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(10,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR45(0,16) ST4(1,81,0)	(P) (F)	preamble to U10 invalid DISCONNECT valid STATUS state=10? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11013			
IDENTIFIER	TC11013			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR47(0,CREf,31) RL1(1,CREf)	(P) (F)	preamble to U10 invalid DISCONNECT (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11014			
IDENTIFIER	TC11014			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR48(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U10 invalid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11015			
IDENTIFIER	TC11015			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR49(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U10 DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11016			
IDENTIFIER	TC11016			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR50(0,CREF) RL2(1,CREF,96)	(P) (F)	preamble to U10 invalid DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11017			
IDENTIFIER	TC11017			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
L!DISC_ERROR START TAC		ERR53(0,CREF)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,100)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11018			
IDENTIFIER	TC11018			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
L!DISC_ERROR START TAC		ERR51(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,96)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11019			
IDENTIFIER	TC11019			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
L!DISC_ERROR START TAC		ERR52(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,99)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS				
(1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension not required.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11020			
IDENTIFIER	TC11020			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally send a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
(STAT_TRANSM::=FALSE,ECV::=100)				
L!DISC_ERROR START TAC		ERR54(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL1(1,CREF)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(P)	valid STATUS
L?STATUSr [STAT_TRANSM=FALSE]		ST6(1,CREF,ECV)		
(STAT_TRANSM::=TRUE)				
GOTO L1				
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) A DISCONNECT PDU with an invalid Progress indicator information element is used.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11023			
IDENTIFIER	TC11023			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
L!ERR_SHORT START TNOAC		ERR2(CREF)		invalid PDU (1)
?TIMEOUT TNOAC	L1		(P)	no response
+CS59901(10,0)				state=10? (2)
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) A PDU without message type is used.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U10/V/08/N/TC21001			
IDENTIFIER	TC21001			
PURPOSE	TIMER TESTS - TIMER T308 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T308 in the active state U10.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC START TAC L?RELRr CANCEL TAC , START T308MAX L?RELRr READTIMER T308MAX(T) , # CANCEL T308MAX [TIME(T308max,T308min,T)=TRUE] L!REL_COM [TIME(T308max,T308min,T)=FALSE] L!REL_COM ?TIMEOUT T308MAX +PO49901(0) +UM59902 GOTO L2 ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1 L2	DI2(0,CREF,16) RL1(1,CREF) RL1(1,CREF)	(P)	preamble to U10 valid DISCONNECT valid RELEASE valid RELEASE
		RC2(0,CREF,16) RC2(0,CREF,16)	P F (F)	T308 is OK T308 is not OK postamble to U0 unexpected message
			(F)	TAC timeout unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.3.4.2				
ETS 300 104/156 A.19.4				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U10/V/22/N/TC21002			
IDENTIFIER	TC21002			
PURPOSE	TIMER TESTS - TIMER T322 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T322.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 <IUT!ST_ENQ> START TWAIT L?ST_ENQr CANCEL TWAIT , # START T322MAX L?ST_ENQr READTIMER T322MAX(T) , # CANCEL T322MAX [TIME(T322max,T322min,T)=TRUE] +PO49901(0) [TIME(T322max,T322min,T)=FALSE] +PO49901(0) ?TIMEOUT T322MAX +PO49901(0) +UM59902 GOTO L2 ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1	L1 L2	SQ1(1,CREF) SQ1(1,CREF)	(P) (F) (F) (F) (I)	preamble to U10 wait for STATUS ENQUIRY valid STATUS ENQUIRY valid STATUS ENQUIRY T322 is OK postamble to U0 T322 is not OK T322MAX timeout unexpected message no response unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.10				
ETS 300 104/156 A.19.8				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U10/V/DI/N/TC21003			
IDENTIFIER	TC21003			
PURPOSE	ACTIVE STATE TEST - STATE U10 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 <IUT!DISC> START TWAIT L?DISCr CANCEL TWAIT +CS59901(11,0) ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1	L1	DI3(1,CREF,16)	(P) (I)	preamble to U10 wait for DISCONNECT valid DISCONNECT state=11? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.3 ETS 300 104/156 A.8.8				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U10/V/NO/N/TC21004			
IDENTIFIER	TC21004			
PURPOSE	ACTIVE STATE TEST - STATE U10 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a NOTIFY PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 <IUT!NOTIFY> START TWAIT L?NOTIFYr CANCEL TWAIT +CS59901(10,0) ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1	L1	NO1(1,CREF)	(P) (I)	preamble to U10 wait for NOTIFY valid NOTIFY state=10? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.9 ETS 300 104/156 A.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U10/V/SP/N/TC21005			
IDENTIFIER	TC21005			
PURPOSE	ACTIVE STATE TEST - STATE U10 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a SUSPEND PDU and enters the Suspend Request state U15.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 <IUT!SUSP> START TWAIT L?SUSPr CANCEL TWAIT +CS59901(15,0) ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1	L1	SP1(1,CREF)	(P) (I)	preamble to U10 wait for SUSPEND valid SUSPEND state=15? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.6.1 ETS 300 104/156 A.8.9				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U10/V/05/N/TC21006			
IDENTIFIER	TC21006			
PURPOSE	TIMER TESTS - TIMER T305 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T305 in this Disconnect Request state U11.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 <IUT!DISC> START TWAIT L?DISCf	L1	DI1(1,CREF)	(P)	preamble to U10 wait for DISCONNECT valid DISCONNECT (1)
# (D:=BIT_TO_INT(DISC.CAU_E4_CV)) # CANCEL TWAIT , START T305MAX L?RELr READTIMER T305MAX(T) ,	L2	RL2(1,CREF,D)	(P)	valid RELEASE T305 is OK
# CANCEL T305MAX [TIME(T305max,T305min,T)=TRUE] L!REL_COM		RC2(0,CREF,16)	P	T305 is not OK
[TIME(T305max,T305min,T)=FALSE] L!REL_COM		RC2(0,CREF,16)	F	T305MAX timeout
?TIMEOUT T305MAX +PO49901(0)			(F)	postamble to U0 unexpected message
+UM59902 GOTO L2				
?TIMEOUT TWAIT +PO49901(0)			(I)	postamble to U0 unexpected message
+UM59902 GOTO L1				
EXTENDED COMMENTS				
(1) The local variable D is used to store the DISCONNECT cause value and to compare it with the RELEASE cause value.				
References to Recommendations				
ETS 300 102-1 5.3.3		ETS 300 104/156 A.19.3		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/DI/N/TC11101			
IDENTIFIER	TC11101			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,1)	L1	DI2(1,CREF,16) RL1(0,CREF)	(P)	preamble to U11 valid DISCONNECT valid RELEASE state=19? (1)
?TIMEOUT TAC +PO49901(1)			(F)	no response postamble to U0 unexpected message
+UM59902 GOTO L1				
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.3.5		ETS 300 104/156 A.14.1		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/IN/N/TC11102			
IDENTIFIER	TC11102			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	IN2(1,CREF)	(P)	preamble to U11 valid INFO no response state=11? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.14.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/NO/N/TC11103			
IDENTIFIER	TC11103			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a NOTIFY PDU, the IUT does not respond or returns a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!NOTIFY START TNOAC L?STATUSr CANCEL TNOAC +CS59901(11,1) ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	NO2(1,CREF) ST1(0,CREF,11)	(P) (P)	preamble to U11 valid NOTIFY valid STATUS state=11? no response state=11? unexpected message (1) (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.9 ETS 300 104/156 A.14.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/RC/N/TC11104			
IDENTIFIER	TC11104			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	RC2(1,CREF,16)	(P)	preamble to U11 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.14.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/RL/N/TC11105			
IDENTIFIER	TC11105			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	RL3(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U11 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.3, 5.3.4 ETS 300 104/156 A.14.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/ST/N/TC11106			
IDENTIFIER	TC11106			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	ST2(1,CREF,111,0)	(P)	preamble to U11 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.14.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/I/CP/N/TC11107			
IDENTIFIER	TC11107			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!CALL_PROC START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(11,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	CP2(CREF,bch_num) ST3(0,CREF,98,11) ST3(0,CREF,101,11) SQ1(0,CREF) ST2(1,CREF,30,11)	(P) (P) (P) (F)	preamble to U11 inopportune PDU valid STATUS valid STATUS state = 11? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.14.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11108			
IDENTIFIER	TC11108			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	ERR56(1,CREF)	(P)	preamble to U11 invalid PDU (1) no response state=11? (2) unexpected message
EXTENDED COMMENTS (1) A RELEASE PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11109			
IDENTIFIER	TC11109			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	ERR57(1,CREF)	(P)	preamble to U11 invalid call reference no response state=11? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11110			
IDENTIFIER	TC11110			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	ERR59	(P)	preamb. to U11 dummy call reference no response state=11? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11111			
IDENTIFIER	TC11111			
PURPOSE	DISCONNECT REQUEST STATE TEST - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(11,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR60(1) ST4(0,81,0)	(P) (F)	preamble to U11 invalid RELEASE valid STATUS state=11? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11112			
IDENTIFIER	TC11112			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR62(1,CREF) RC1(0,CREF)	(P) (F)	preamble to U11 invalid RELEASE valid RELEASE state=0?(2) no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11113			
IDENTIFIER	TC11113			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR63(1,CREF) RC1(0,CREF)	(P) (F)	preamble to U11 invalid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11114			
IDENTIFIER	TC11114			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR64(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U11 RELEASE valid RELEASE COMPLETE state=0? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11115			
IDENTIFIER	TC11115			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR50(1,CREF) RL2(0,CREF,96)	(P) (F)	preamble to U11 invalid DISCONNECT valid RELEASE state=19? (1) postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11116			
IDENTIFIER	TC11116			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR53(1,CREF) RL2(0,CREF,100)	(P) (F)	preamble to U11 invalid PDU (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11117			
IDENTIFIER	TC11117			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a RELEASE PDU with unrecognised optional information element (coded comprehension required) by sending a RELEASE COMPLETE PDU with cause value 96 and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR65(1,CREF) RC3(0,CREF,96)	(P) (F)	preamble to U11 invalid PDU (1) valid RELEASE COMPLETE state=0? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid RELEASE containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11118			
IDENTIFIER	TC11118			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a RELEASE PDU with unrecognised optional information element (coded comprehension not required), the IUT sends a RELEASE COMPLETE PDU with cause value 99 and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR66(1,CREF) RC3(0,CREF,99)	(P) (F)	preamble to U11 invalid PDU (1) valid RELEASE COMPLETE state=0? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid RELEASE containing an unrecognised information element with comprehension not required. (2) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11119			
IDENTIFIER	TC11119			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a RELEASE PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 (STAT_TRANSM::=FALSE,ECV::=100) L!REL_ERROR START TAC L?REL_COMr CANCEL TAC +CS50001(1) L?STATUSr [STAT_TRANSM=FALSE] (STAT_TRANSM::=TRUE) GOTO L1 ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR68(1,CREF) RC1(0,CREF) ST6(0,CREF,ECV)	 (P) (P) (F)	preamble to U11 invalid PDU (1) valid RELEASE COMPLETE state=0? (2) valid STATUS no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) A RELEASE PDU with an invalid Display information element is used. (2) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/N/TC11120			
IDENTIFIER	TC11120			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(11,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR7(CREF) ST3(0,CREF,97,11) ST3(0,CREF,98,11) SQ1(0,CREF) ST2(1,CREF,30,11)	 (P) (P) (P) (F)	preamble to U11 invalid PDU (1) valid STATUS valid STATUS state = 11? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) PDU with invalid message type is used. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.14.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11121			
IDENTIFIER	TC11121			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	ERR58(1,CREF)	(P)	preamble to U11 invalid call reference no response state=11? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11122			
IDENTIFIER	TC11122			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U11 invalid PDU (1) no response (2) state=11? unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/V/DI/N/TC11501			
IDENTIFIER	TC11501			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	DI2(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U15 valid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4 ETS 300 104/156 A.17.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/V/IN/N/TC11502			
IDENTIFIER	TC11502			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond or returns a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!INFO START TNOAC L?STATUSr CANCEL TNOAC +CS59901(15,0) ?TIMEOUT TNOAC +CS59901(15,0) +UM59902 GOTO L1	L1	IN2(0,CREF) ST1(1,CREF,15)	(P) (P)	preamble to U15 valid INFO valid STATUS state=15? (1) no response state=15? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.17.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/V/NO/N/TC11503			
IDENTIFIER	TC11503			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a NOTIFY PDU, the IUT does not respond or returns a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!NOTIFY START TNOAC L?STATUSr CANCEL TNOAC +CS59901(15,0) ?TIMEOUT TNOAC +CS59901(15,0) +UM59902 GOTO L1	L1	NO2(0,CREF) ST1(1,CREF,15)	(P) (P)	preamble to U15 valid STATUS state=15? (1) no response state=15? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.9 ETS 300 104/156 A.17.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/V/PA/N/TC11504			
IDENTIFIER	TC11504			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a SUSPEND ACKNOWLEDGEMENT, the IUT enters to the state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!SUSP_ACK +CS50001(0)		SPA1(0,CREF)		preamble to U15 valid SUSPEND ACKNOWLEDGE state=0? (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.6.2 ETS 300 104/156 A.17.9				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/V/RC/N/TC11505			
IDENTIFIER	TC11505			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREF,16)	(P)	preamble to U15 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.17.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/V/RL/N/TC11506			
IDENTIFIER	TC11506			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!REL_START TAC L!REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RC1(1,CREF)	(P) (F)	preamble to U15 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4, 5.8.4 ETS 300 104/156 A.17.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/V/SQ/O/TC11507			
IDENTIFIER	TC11507			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 +CS59901(15,0)				preamble to U15 state=15? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/V/SR/N/TC11508			
IDENTIFIER	TC11508			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a SUSPEND REJECT PDU, the IUT returns to the Active state U10.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!SUSP_REJ +CS59901(10,0)		SPR1(0,CREF,84)		preamble to U15 valid SUSPEND REJECT state=10? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.6.3 ETS 300 104/156 A.17.8				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/V/ST/N/TC11509			
IDENTIFIER	TC11509			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U15 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 ETS 300 104/156 A.17.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/I/CP/N/TC11510			
IDENTIFIER	TC11510			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!CALL_PROC START TAC L?STATUSr CANCEL TAC +P049901(0) L?STATUSr CANCEL TAC +P049901(0) L?ST_ENQr L!STATUS ?TIMEOUT TAC +P049901(0) +UM59902 GOTO L1	L1	CP3(CREF,bch_num) ST3(1,CREF,98,15) ST3(1,CREF,101,15) SQ1(1,CREF) ST2(0,CREF,30,15)	(P) (P) (P) (F)	preamble to U15 inopportune PDU valid STATUS valid STATUS no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.17.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11511			
IDENTIFIER	TC11511			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501				preamble to U15
L!DISC_ERROR START TAC		ERR47(0,CREF,31)		(1)
L?RELr CANCEL TAC	L1	RL1(1,CREF)	(P)	valid RELEASE
+CS59901(19,0)				state=19? (2)
?TIMEOUT TAC			(P)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) Optional information element out of sequence				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/N/TC11512			
IDENTIFIER	TC11512			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501				preamble to U15
L!ERR_SHORT START TAC		ERR5(CREF)		invalid PDU (1)
L?STATUSr CANCEL TAC	L1	ST3(1,CREF,97,15)	(P)	valid STATUS
+PO49901(0)				
L?STATUSr CANCEL TAC		ST3(1,CREF,98,15)	(P)	valid STATUS
+PO49901(0)				
L?ST_ENQr CANCEL TAC		SQ1(1,CREF)	(P)	
L!STATUS		ST2(0,CREF,30,15)		
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) A PDU with invalid message type is used.				
References to Recommendations				
ETS 300 102-1 5.8.4 ETS 300 104/156 A.17.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11513			
IDENTIFIER	TC11513			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 > '0001'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!SUSP_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(15,0) +UM59902 GOTO L1	L1	ERR118(0,CREF)	(P)	preamble to U15 invalid call reference no response state=15? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11514			
IDENTIFIER	TC11514			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(15,0) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U15 invalid PDU (1) no response state=15? (2) unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11515			
IDENTIFIER	TC11515			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that the IUT ignores the receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!SUSP_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(15,0) +UM59902 GOTO L1	L1	ERR116(0,CREF)	(P)	preamble to U15 invalid PDU (1) no response state=15? (2) unexpected message
EXTENDED COMMENTS (1) A SUSPEND REJECT PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11516			
IDENTIFIER	TC11516			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!SUSP_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(15,0) +UM59902 GOTO L1	L1	ERR117(0,CREF)	(P)	preamble to U15 invalid call reference no response state=15? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11517			
IDENTIFIER	TC11517			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!SUSP_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(15,0) +UM59902 GOTO L1	L1	ERR119	(P)	preamb. to U15 dummy call reference no response state=15? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11518			
IDENTIFIER	TC11518			
PURPOSE	SUSPEND REQUEST STATE TEST - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!SUSP_REJ_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(15,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR120(0) ST4(1,81,0)	(P) (F)	preamble to U15 invalid SUSPEND REJECT valid STATUS state=15? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11519			
IDENTIFIER	TC11519			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!SUSP_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR122(0,CREF)	(P)	preamble to U15 invalid SUSPEND REJECT no response state=10? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2, 5.6.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11520			
IDENTIFIER	TC11520			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a SUSPEND REJECT PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!SUSP_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR123(0,CREF)	(P)	preamble to U15 SUSPEND REJECT state=10? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2, 5.6.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11521			
IDENTIFIER	TC11521			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a SUSPEND REJECT PDU with mandatory information element missing, the IUT sends a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 L!SUSP_REJ_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(15,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR124(0,CREF) ST3(1,CREF,96,15)	(P) (F)	preamble to U15 invalid SUSPEND REJECT valid STATUS state=15? no response unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1, 5.6.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11522			
IDENTIFIER	TC11522			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a SUSPEND REJECT PDU with mandatory information element with content error by sending a STATUS PDU with cause value 100 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501				preamble to U15
L!SUSP_REJ_ERROR START TAC		ERR127(0,CREF)		invalid PDU (1)
L?STATUSr CANCEL TAC	L1	ST3(1,CREF,100,15)	(P)	valid STATUS state=15? (2)
+CS59901(15,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid SUSPEND REJECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11523			
IDENTIFIER	TC11523			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a SUSPEND REJECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501				preamble to U15
L!SUSP_REJ_ERROR START TAC		ERR125(0,CREF)		invalid PDU (1)
L?STATUSr CANCEL TAC	L1	ST3(1,CREF,96,15)	(P)	valid STATUS state=15? (2)
+CS59901(15,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid SUSPEND REJECT PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11524			
IDENTIFIER	TC11524			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a SUSPEND REJECT PDU with unrecognised information element (coded comprehension not required), the IUT does not respond and optionally sends a STATUS PDU with cause 99 and enters the Active state U10.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 (STAT_TRANSM::=FALSE, ECV::=99) L!SUSP_REJ_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS59901(10,0) ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR126(0,CREF) ST6(1,CREF,ECV)	(P) (P)	preamble to U15 invalid PDU (1) valid STATUS (3) state=10? (2) no response state=10? (2) unexpected message
EXTENDED COMMENTS (1) An invalid SUSPEND REJECT PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. (3) CSTV is 10 or 15. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U15/S/ER/O/TC11525			
IDENTIFIER	TC11525			
PURPOSE	SUSPEND REQUEST STATE TESTS - STATE U15 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that the IUT on receipt of a RESUME REJECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31501 (STAT_TRANSM::=FALSE, ECV::=100) L!SUSP_REJ_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS59901(10,0) ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR128(0,CREF) ST3(1,CREF,ECV,10)	(P) (P)	preamble to U15 invalid PDU (1) valid STATUS state=10? (2) no response state=10? (2) unexpected message
EXTENDED COMMENTS (1) A SUSPEND REJECT PDU with an invalid Display information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/V/DI/N/TC11701			
IDENTIFIER	TC11701			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	DI2(1,CREF,16) RL1(0,CREF)	(P) (F)	preamble to U17 valid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4 ETS 300 104/156 A.18.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/V/IN/N/TC11702			
IDENTIFIER	TC11702			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond or returns a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!INFO START TNOAC L?STATUSr CANCEL TNOAC +CS59901(17,1) ?TIMEOUT TNOAC +CS59901(17,1) +UM59902 GOTO L1	L1	IN2(1,CREF) ST1(0,CREF,17)	(P) (P)	preamble to U17 valid INFO valid STATUS state=17? no response state=17? unexpected message (1) (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.18.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/V/RA/N/TC11703			
IDENTIFIER	TC11703			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RESUME ACKNOWLEDGEMENT PDU, the IUT returns to the Active state U10.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_ACK +CS59901(10,1)		RA1(CREF)		preamble to U17 valid RESUME ACKNOWLEDGE state=10? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.6.4 ETS 300 104/156 A.18.8				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/V/RC/N/TC11704			
IDENTIFIER	TC11704			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(1,CREF,16)	(P)	preamble to U17 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.18.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/V/RL/N/TC11705			
IDENTIFIER	TC11705			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!REL_START TAC L!REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	RL3(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U17 valid RELEASE valid RELEASE COMPLETE state=0? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4 ETS 300 104/156 A.18.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/V/RR/N/TC11706			
IDENTIFIER	TC11706			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RESUME REJECT PDU, the IUT returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_REJ START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RR1(CREF,83)	(P)	preamble to U17 valid RESUME REJECT no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.6.5 ETS 300 104/156 A.18.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/V/SQ/O/TC11707			
IDENTIFIER	TC11707			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 +CS59901(17,1)				preamble to U17 state=17? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/V/ST/N/TC11708			
IDENTIFIER	TC11708			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(1,CREF,111,0)	(P)	preamble to U17 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 ETS 300 104/156 A.18.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/I/CP/N/TC11709			
IDENTIFIER	TC11709			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!CALL_PROC START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	CP2(CREF,bch_num) ST3(0,CREF,98,17) ST3(0,CREF,101,17)	(P) (P) (F)	preamble to U17 inopportune PDU valid STATUS postamble to U0 valid STATUS postamble to U0 no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.18.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11710			
IDENTIFIER	TC11710			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR47(1,CREF,31) RL1(0,CREF)	(P) (F)	preamble to U17 invalid DISCONNECT (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/N/TC11711			
IDENTIFIER	TC11711			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR7(CREF) ST3(0,CREF,97,17) ST3(0,CREF,98,17)	(P) (P) (F)	preamble to U17 invalid PDU (1) valid STATUS postamble to U0 valid STATUS postamble to U0 no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) A PDU with invalid message type is used. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.18.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11712			
IDENTIFIER	TC11712			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 > '0001'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(17,1) +UM59902 GOTO L1	L1	ERR88(CREF)	(P)	preamble to U17 invalid call reference no response state=17? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11713			
IDENTIFIER	TC11713			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(17,1) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U17 invalid PDU (1) no response state=17? (2) unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11714			
IDENTIFIER	TC11714			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that the IUT ignores the receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(17,1) +UM59902 GOTO L1	L1	ERR86(CREF)	(P)	preamble to U17 invalid PDU (1) no response state=17? (2) unexpected message
EXTENDED COMMENTS (1) A RESUME REJECT PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11715			
IDENTIFIER	TC11715			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(17,1) +UM59902 GOTO L1	L1	ERR87(1,CREF)	(P)	preamble to U17 invalid call reference no response state=17? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11716			
IDENTIFIER	TC11716			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(17,1) +UM59902 GOTO L1	L1	ERR89	(P)	preamb. to U17 dummy call reference no response state=17? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11717			
IDENTIFIER	TC11717			
PURPOSE	RESUME REQUEST STATE TEST - U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_REJ_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(17,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR90 ST4(0,81,0)	(P) (F)	preamble to U17 invalid RESUME REJECT valid STATUS state=17? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11718			
IDENTIFIER	TC11718			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR92(CREF)	(P)	preamble to U17 invalid RESUME REJECT no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2, 5.6.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11719			
IDENTIFIER	TC11719			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a RESUME REJECT PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_REJ_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR93(CREF)	(P)	preamble to U17 RESUME REJECT state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2, 5.6.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11720			
IDENTIFIER	TC11720			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a RESUME REJECT PDU with mandatory information element missing, the IUT sends a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_REJ_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(17,1) ?TIMEOUT TAC +P049901(1) +UM59902 GOTO L1	L1	ERR94(CREF) ST3(0,CREF,96,17)	(P) (F)	preamble to U17 invalid RESUME REJECT valid STATUS state=17? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1, 5.6.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11721			
IDENTIFIER	TC11721			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a RESUME REJECT PDU with mandatory information element with content error by sending a STATUS PDU with cause value 100 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_REJ_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(17,1) ?TIMEOUT TAC +P049901(1) +UM59902 GOTO L1	L1	ERR97(CREF) ST3(0,CREF,100,17)	(P) (F)	preamble to U17 invalid PDU (1) valid STATUS state=17? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid RESUME REJECT PDU with an invalid cause element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11722			
IDENTIFIER	TC11722			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a RESUME REJECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 L!RES_REJ_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(17,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR95(CREF) ST3(0,CREf,96,17)	(P) (F)	preamble to U17 invalid PDU (1) valid STATUS state=17? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid RESUME REJECT PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11723			
IDENTIFIER	TC11723			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a RESUME REJECT PDU with unrecognised information element (coded comprehension not required), the IUT does not respond and optionally sends a STATUS PDU with cause 99 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 (STAT_TRANSM:=FALSE,ECV:=99) L!RES_REJ_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM:=TRUE) +CS50001(0) ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR96(CREF) ST3(0,CREf,ECV,17)	(P) (P)	preamble to U17 invalid PDU (1) valid STATUS state=0? (2) no response state=0? (2) unexpected message
EXTENDED COMMENTS (1) An invalid RESUME REJECT PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U17/S/ER/O/TC11724			
IDENTIFIER	TC11724			
PURPOSE	RESUME REQUEST STATE TESTS - STATE U17 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a RESUME REJECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 (STAT_TRANSM::=FALSE,ECV::=100) L!RES_REJ_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS50001(0) ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR98(CREF) ST3(0,CREF,ECV,17)	(P) (P)	preamble to U17 invalid PDU (1) valid STATUS state=0? (2) no response (2) state=0? unexpected message
EXTENDED COMMENTS (1) A RESUME REJECT PDU with an invalid Display information element is used. (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U17/V/18/N/TC21701			
IDENTIFIER	TC21701			
PURPOSE	TIMER TESTS - TIMER T318 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T318.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31701 START T318MAX L?RELR READTIMER T318MAX(T) , # CANCEL T318MAX [TIME(T318max,T318min,T)=TRUE] L!REL_COM [TIME(T318max,T318min,T)=FALSE] L!REL_COM ?TIMEOUT T318MAX +PO49901(1) +UM59902 GOTO L1	L1	RL1(0,CREF) RC2(1,CREF,16) RC2(1,CREF,16)	(P) P F (F)	preamble to U17 valid RELEASE T318 is OK valid RELEASE COMPLETE T318 is not OK valid RELEASE COMPLETE T318MAX timeout unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.6.4, 5.6.5				
ETS 300 104/156 A.19.6				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/DI/O/TC11901			
IDENTIFIER	TC11901			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!DISC START TNOAC ?TIMEOUT TNOAC +CS59901(19,0) +UM59902 GOTO L1	L1	DI2(0,CREF,16)	(P)	preamble to U19 valid DISCONNECT no response state=19? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1-1, 5.3.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/IN/N/TC11902			
IDENTIFIER	TC11902			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(19,0) +UM59902 GOTO L1	L1	IN2(0,CREF)	(P)	preamble to U19 valid INFO no response state=19? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.16.4				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/RC/N/TC11903			
IDENTIFIER	TC11903			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREF,16)	(P)	preamble to U19 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4 ETS 300 104/156 A.16.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/RL/N/TC11904			
IDENTIFIER	TC11904			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT does not respond and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16)	(P)	preamble to U19 valid RELEASE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.5 ETS 300 104/156 A.16.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/SQ/O/TC11905			
IDENTIFIER	TC11905			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 +CS59901(19,0)				preamble to U19 state=19? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/ST/N/TC11906			
IDENTIFIER	TC11906			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U19 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.16.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/ST/N/TC11907			
IDENTIFIER	TC11907			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Release Request state U19, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS59901(19,0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,19)	(P)	preamble to U19 valid STATUS no response state=19? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (b) ETS 300 104/156 A.16.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/I/CP/N/TC11908			
IDENTIFIER	TC11908			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!CALL_PROC START TAC L?STATUSr CANCEL TAC L!REL_COM L?STATUSr CANCEL TAC L!REL_COM L?ST_ENQr CANCEL TAC L!STATUS +CS59901(19,0) ?TIMEOUT TAC L!REL_COM +UM59902 GOTO L1	L1	CP3(CREF,bch_num) ST3(1,CREF,98,19) RC2(0,CREF,16) ST3(1,CREF,101,19) RC2(0,CREF,16) SQ1(1,CREF) ST2(0,CREF,30,19) RC2(0,CREF,16)	 P P (P) F	preamble to U19 inopportune PDU valid STATUS valid STATUS state = 19? no response unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.16.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11911			
IDENTIFIER	TC11911			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901				preamble to U19
L!ERR_SHORT START TNOAC		ERR2(CREF)		invalid PDU (1)
?TIMEOUT TNOAC	L1		(P)	no response
+CS59901(19,0)				state=19? (2)
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11912			
IDENTIFIER	TC11912			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an invalid protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901				preamble to U19
L!REL_COM_ERROR START TNOAC		ERR71(0,CREF)		invalid PDU (1)
?TIMEOUT TNOAC	L1		(P)	no response
+CS59901(19,0)				state=19? (2)
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) A RELEASE COMPLETE PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11913			
IDENTIFIER	TC11913			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901				preamble to U19
L!REL_COM_ERROR START TNOAC		ERR72(0,CREF)		invalid call reference
?TIMEOUT TNOAC	L1		(P)	no response
+CS59901(19,0)				state=19? (1)
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11914			
IDENTIFIER	TC11914			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(19,0) +UM59902 GOTO L1	L1	ERR74	(P)	preamb. to U19 dummy call reference no response state=19? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11915			
IDENTIFIER	TC11915			
PURPOSE	RELEASE REQUEST STATE TEST - U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC L!REL_COM +UM59902 GOTO L1	L1	ERR75(0) ST4(1,81,0) RC2(0,CREF,16)	(P) F	preamble to U19 invalid RELEASE COMPLETE valid STATUS state=19? no response unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11916			
IDENTIFIER	TC11916			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR77(0,CREF,31)	(P)	preamble to U19 invalid RELEASE COMPLETE (1) no response (2) unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11917			
IDENTIFIER	TC11917			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR78(0,CREF)	(P)	preamble to U19 invalid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11918			
IDENTIFIER	TC11918			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR79(0,CREF,16)	(P)	preamble to U19 RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11919			
IDENTIFIER	TC11919			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that on receipt of a RELEASE COMPLETE PDU with unrecognised information element (coded comprehension required), the IUT does not respond and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR80(0,CREF)	(P)	preamble to U19 invalid PDU (1) no response state=0? (2) unexpected message
EXTENDED COMMENTS (1) An invalid RELEASE COMPLETE PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11920			
IDENTIFIER	TC11920			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a RELEASE COMPLETE PDU with unrecognised information element (coded comprehension not required), the IUT does not respond and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR81(0,CREF)	(P)	preamble to U19 invalid PDU (1) no response state=0? unexpected message (2)
EXTENDED COMMENTS (1) An invalid RELEASE COMPLETE PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11921			
IDENTIFIER	TC11921			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a RELEASE COMPLETE PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 (STAT_TRANSM::=FALSE,ECV::=100) L!REL_COM_ERROR START TNOAC L?STATUSr CANCEL TAC (STAT_TRANSM::=TRUE) +CS50001(0) ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR82(0,CREF) ST3(1,CREF,ECV,0)	(P)	preamble to U19 invalid PDU (1) valid STATUS state=0? (2) no response state=0? (2) unexpected message
EXTENDED COMMENTS (1) A RELEASE COMPLETE PDU with an invalid Display information element is used. (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/DI/N/TC12501			
IDENTIFIER	TC12501			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT sends a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	DI2(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U25 valid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/IN/N/TC12502			
IDENTIFIER	TC12502			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU without sufficient called number information element, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(25,0) +UM59902 GOTO L1	L1	IN2(0,CREF)	(P)	preamble to U25 valid INFO no response state=25? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5, 5.2.4 ETS 300 104/156 A.4.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/RL/N/TC12505			
IDENTIFIER	TC12505			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RC1(1,CREF)	(P) (F)	preamble to U25 valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.2 (b) ETS 300 104/156 A.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/SQ/O/TC12506			
IDENTIFIER	TC12506			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 +CS59901(25,0)				preamble to U25 state=25? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/ST/N/TC12507			
IDENTIFIER	TC12507			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U25 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 ETS 300 104/156 A.4.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12511			
IDENTIFIER	TC12511			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(25,0) +UM59902 GOTO L1	L1	ERR44(31)	(P)	preamb. to U25 dummy call reference no response state=25? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12512			
IDENTIFIER	TC12512			
PURPOSE	OVERLAP RECEIVING STATE TEST - U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(25,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR45(0,16) ST4(1,81,0)	(P) (F)	preamble to U25 invalid DISCONNECT valid STATUS state=25? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12513			
IDENTIFIER	TC12513			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR47(0,CREF,31) RL1(1,CREF)	(P) (F)	preamble to U25 invalid DISCONNECT (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12514			
IDENTIFIER	TC12514			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR48(0,CREf,16) RL1(1,CREf)	(P) (F)	preamble to U25 invalid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12515			
IDENTIFIER	TC12515			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR49(0,CREf,16) RL1(1,CREf)	(P) (F)	preamble to U25 invalid DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12516			
IDENTIFIER	TC12516			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing, the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR50(0,CREf) RL2(1,CREf,96)	(P) (F)	preamble to U25 invalid DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12517			
IDENTIFIER	TC12517			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501				preamble to U25
L!DISC_ERROR START TAC		ERR53(0,CREF)		invalid PDU (1)
L?RELR CANCEL TAC	L1	RL2(1,CREF,100)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12518			
IDENTIFIER	TC12518			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501				preamble to U25
L!DISC_ERROR START TAC		ERR51(0,CREF,16)		invalid PDU (1)
L?RELR CANCEL TAC	L1	RL2(1,CREF,96)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12519			
IDENTIFIER	TC12519			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501				preamble to U25
L!DISC_ERROR START TAC		ERR52(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,99)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12520			
IDENTIFIER	TC12520			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501				preamble to U25
(STAT_TRANSM::=FALSE,ECV::=100)				
L!DISC_ERROR START TAC		ERR54(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL1(1,CREF)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(P)	valid STATUS
L?STATUSr [STAT_TRANSM=FALSE]		ST6(1,CREF,ECV)		
(STAT_TRANSM::=TRUE)				
GOTO L1				
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) A DISCONNECT PDU with an invalid Progress indicator information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/N/TC12521			
IDENTIFIER	TC12521			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(0) L?STATUSr CANCEL TAC +PO49901(0) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(25,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR5(CREF) ST3(1,CREF,97,25) ST3(1,CREF,98,25) SQ1(1,CREF) ST2(0,CREF,30,25)	(P) (P) (P) (F)	preamble to U25 invalid PDU valid STATUS postamble to U0 valid STATUS postamble to U0 state = 25? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.4.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12522			
IDENTIFIER	TC12522			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(25,0) +UM59902 GOTO L1	L1	ERR43(0,CREF,31)	(P)	preamble to U25 invalid call reference no response state=25? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12523			
IDENTIFIER	TC12523			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(25,0) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U25 invalid PDU (1) no response state=25? unexpected message (2)
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U25/V/02/N/TC22501			
IDENTIFIER	TC22501			
PURPOSE	TIMER TESTS - TIMER T302 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of timer T302 if overlap receiving has been implemented.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP START TAC		SU6(CREF,bch_num)		SETUP (1)
L?SETUP_ACKr CANCEL TAC ,	L1	SUA1(CREF)	(P)	valid SETUP ACKNOWLEDGE
# START T302MAX				
L?CALL_PROCr READTIMER T302MAX(T) ,	L2	CP1(CREF)		valid CALL PROCEEDING
# CANCEL T302MAX				
[TIME(T302max,T302min,T)=TRUE]			(P)	T302 is OK
+CS59901(9,0)				state = 9?
[TIME(T302max,T302min,T)=FALSE]			(F)	T302 is not OK
+PO49901(0)				postamble to U0
L?ALERTr READTIMER T302MAX(T) ,		AL1(CREF)		valid ALERTING
# CANCEL T302MAX				
[TIME(T302max,T302min,T)=TRUE]			(P)	T302 is OK
+CS59901(7,0)				state = 7?
[TIME(T302max,T302min,T)=FALSE]			(F)	T302 is not OK
+PO49901(0)				postamble to U0
L?CONNr READTIMER T302MAX(T) ,		CN1(CREF)		valid CONNECT
# CANCEL T302MAX				
[TIME(T302max,T302min,T)=TRUE]			(P)	T302 is OK
+CS59901(8,0)				state = 8?
[TIME(T302max,T302min,T)=FALSE]			(F)	T302 is not OK
+PO49901(0)				postamble to U0
L?DISCr READTIMER T302MAX(T) ,		DI1(1,CREF)		valid DISCONNECT
# CANCEL T302MAX				
[TIME(T302max,T302min,T)=TRUE]			(P)	T302 is OK
+PO49901(0)				postamble to U0
[TIME(T302max,T302min,T)=FALSE]			(F)	T302 is not OK
+PO49901(0)				postamble to U0
?TIMEOUT T302MAX			(F)	T302 timeout
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L2				
?TIMEOUT TAC			(F)	TAC timeout
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) A valid and compatible SETUP PDU with only mandatory parameters is transmitted. The SETUP PDU does not contain the complete call number information.				
References to Recommendations				
ETS 300 102-1 5.2.4		ETS 300 104/156 A.19.1		

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U01/V/PR/A/PR30101			
IDENTIFIER	PR30101			
OBJECTIVE	To bring the IUT to the Call Initiated state U1.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 <IUT!SETUP> START TWAIT L?SETUPr (CREF::=SETUP.CR_R) # CANCEL TWAIT ?TIMEOUT TWAIT +UM59902 GOTO L1	L1	SU1	(P) I	preamble to U0 wait for SETUP valid SETUP unexpected message
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U02/V/PR/A/PR30201			
IDENTIFIER	PR30201			
OBJECTIVE	To bring the IUT to the Overlap Sending state U2.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 <IUT!SETUP> START TWAIT L?SETUPr (CREF::=SETUP.CR_R) # CANCEL TWAIT L!SETUP_ACK ?TIMEOUT TWAIT +UM59902 GOTO L1	L1	SU1 SUA2(CREF,bch_num)	(P) I	preamble to U0 wait for SETUP valid SETUP valid SETUP ACKNOWLEDGE no response unexpected message
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U03/V/PR/A/PR30301			
IDENTIFIER	PR30301			
OBJECTIVE	To bring the IUT to the Outgoing Call Proceeding state U3.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 <IUT!SETUP> START TWAIT L?SETUPr (CREF::=SETUP.CR_R) # CANCEL TWAIT [EBS] L!CALL_PROC [NOT EBS] L!SETUP_ACK START TWAIT <IUT!INFO> L?INFOr CANCEL TWAIT L!CALL_PROC ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L2 ?TIMEOUT TWAIT +UM59902 GOTO L1	L1 L2	SU1 CP2(CREF,bch_num) SUA2(CREF,bch_num) IN1(0,CREF) CP2(CREF,bch_num)	(P) I	preamble to U0 wait for SETUP valid SETUP valid CALL PROCEEDING wait for INFO valid INFO valid CALL PROCEEDING no response postamble to U0 unexpected message no response unexpected message
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U04/V/PR/A/PR30401			
IDENTIFIER	PR30401			
OBJECTIVE	To bring the IUT to the Call Delivered state U4.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!ALERT		AL2(CREF)		preamble to U3 valid ALERTING
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U07/V/PR/A/PR30701			
IDENTIFIER	PR30701			
OBJECTIVE	To bring the IUT to the Call Received state U7.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP START TAC L?ALERTr CANCEL TAC L?CALL_PROCr START TAC L?ALERTr CANCEL TAC ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L2 ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1 L2	SU2(CREF,bch_num) AL1(CREF) CP1(CREF) AL1(CREF)	(P) (P) (P) (F) (F)	preamble to U0 SETUP (1) valid ALERTING valid CALL PROCEEDING valid ALERTING no response postamble to U0 unexpected message no response unexpected message
EXTENDED COMMENTS (1) A valid SETUP PDU with the sending complete information element is transmitted.				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U08/V/PR/A/PR30801			
IDENTIFIER	PR30801			
OBJECTIVE	To bring the IUT to the Connect Request state U8.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP START TWAIT <IUT!CONN> L?CONNr CANCEL TWAIT L?ALERTr L?CONNr CANCEL TWAIT ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L2 L?CALL_PROCr L?CONNr CANCEL TWAIT L?ALERTr L?CONNr CANCEL TWAIT ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L4 ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L3 ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1	L1 L2 L3 L4	SU2(CREF,bch_num) CN1(CREF) AL1(CREF) CN1(CREF) CP1(CREF) CN1(CREF) AL1(CREF) CN1(CREF)	(P) (P) (P) (I) (P) (P) (I) (I) (I)	preamble to U0 SETUP (1) wait for CONNECT valid CONNECT valid ALERTING valid CONNECT no response postamble to U0 unexpected message valid CALL PROCEEDING valid CONNECT valid ALERTING valid CONNECT no response postamble to U0 unexpected message no response postamble to U0 unexpected message no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) A valid SETUP PDU with the sending complete information element is transmitted.				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U09/V/PR/A/PR30901			
IDENTIFIER	PR30901			
OBJECTIVE	To bring the IUT to the Incoming Call Proceeding state U9.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP START TAC L?CALL_PROCr CANCEL TAC ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	SU2(CREF,bch_num) CP1(CREF)	(P) (F)	preamble to U0 SETUP valid CALL PROCEEDING no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) A valid SETUP PDU with the sending complete information element is transmitted.				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U10/V/PR/A/PR31001			
IDENTIFIER	PR31001			
OBJECTIVE	To bring the IUT to the Active state U10.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!CONN_ACK		CA2(CREF)		preamble to U8 valid CONNECT ACKNOWLEDGE
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U11/V/PR/A/PR31101			
IDENTIFIER	PR31101			
OBJECTIVE	To bring the IUT to the Disconnect Request state U11.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 <IUT!SETUP> START TWAIT L?SETUPr (CREF::=SETUP.CR_R) # CANCEL TWAIT [EBS] L!CALL_PROC +SUBTREE_PR31101 [NOT EBS] L!SETUP_ACK +SUBTREE_PR31101 ?TIMEOUT TWAIT +UM59902 GOTO L1	L1	SU1 CP2(CREF,bch_num) SUA2(CREF,bch_num)	(P) I	preamble to U0 wait for SETUP valid SETUP wait for DISCONNECT no response unexpected message
SUBTREE_PR31101 <IUT!DISC> START TWAIT L?DISCcr CANCEL TWAIT ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L2	L2	DI1(0,CREF)	(P) (I)	valid DISCONNECT no response postamble to U0 unexpected message
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U15/V/PR/A/PR31501			
IDENTIFIER	PR31501			
OBJECTIVE	To bring the IUT to the Suspend Request state U15.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 <IUT!SUSP> START TWAIT L?SUSPr CANCEL TWAIT ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1	L1	SP1(1,CREF)	(P) (I)	preamble to U10 wait for SUSPEND valid SUSPEND no response postamble to U0 unexpected message
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U17/V/PR/A/PR31701			
IDENTIFIER	PR31701			
OBJECTIVE	To bring the IUT to the Resume Request state U17.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 <IUT!RES> START TWAIT L?RESr (CREF::=RES.CR_R) CANCEL TWAIT ?TIMEOUT TWAIT +UM59902 GOTO L1	L1	RE1	(P) F	preamble to U0 wait for RESUME valid RESUME no response unexpected message
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/MS/UAL/V/MS/A/CS59901			
IDENTIFIER	CS59901(ES:INTEGER;FL:INTEGER)			
OBJECTIVE	To check the IUT call states and the cause values.			
DEFAULTS REFERENCE	DF69901(FL)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
(NOT_FL := (FL+1) MOD 2)				(1)
L!ST_ENQ START TAC		SQ1(FL,CREF)		valid STATUS ENQUIRY (2)
+SUBTREE1_CS59901(ES,FL)	L1			
L?CALL_PROCr [ES=25]		CP1(CREF)	(P)	ignore CALL PROCEEDING (3)
+SUBTREE1_CS59901(9,FL)	L2			
L?ALERTr		AL1(CREF)	(P)	ignore ALERTING
+SUBTREE1_CS59901(7,FL)	L3			
L?CONNr		CN1(CREF)	(P)	ignore CONNECT
+SUBTREE1_CS59901(8,FL)	L4			
+SUBTREE2_CS59901(8,FL)				
GOTO L4				
+SUBTREE2_CS59901(7,FL)				
GOTO L3				
L?CONNr		CN1(CREF)	(P)	ignore CONNECT
+SUBTREE1_CS59901(8,FL)	L5			
+SUBTREE2_CS59901(8,FL)				
GOTO L5				
+SUBTREE2_CS59901(9,FL)				
GOTO L2				
L?ALERTr [(ES=25) OR (ES=9)]		AL1(CREF)	(P)	ignore ALERTING
+SUBTREE1_CS59901(7,FL)	L6			
L?CONNr		CN1(CREF)	(P)	ignore CONNECT
+SUBTREE1_CS59901(8,FL)	L7			
+SUBTREE2_CS59901(8,FL)				
GOTO L7				
+SUBTREE2_CS59901(7,FL)				
GOTO L6				
L?CONNr [(ES=25) OR (ES=9) OR (ES=7)]		CN1(CREF)	(P)	ignore CONNECT
+SUBTREE1_CS59901(8,FL)	L8			
+SUBTREE2_CS59901(8,FL)				
GOTO L8				
+SUBTREE2_CS59901(ES,FL)				
GOTO L1				
SUBTREE1_CS59901(ES,FL:INTEGER)				
L?STATUSr CANCEL TAC		ST3(NOT_FL,CREF,30,ES)	(P)	valid STATUS
+SUBTREE3_CS59901(ES,FL)				
L?STATUSr CANCEL TAC		ST3(NOT_FL,CREF,97,ES)	(P)	valid STATUS
+SUBTREE3_CS59901(ES,FL)				
L?STATUSr CANCEL TAC		ST3(NOT_FL,CREF,98,ES)	(P)	valid STATUS
+SUBTREE3_CS59901(ES,FL)				
SUBTREE2_CS59901(ES,FL:INTEGER)				
?TIMEOUT TAC			(F)	no response
+SUBTREE3_CS59901(ES,FL)				
L?STATUSr [STAT_TRANSM=FALSE]		ST6(NOT_FL,CREF,ECV)	(P)	valid STATUS
(STAT_TRANSM := TRUE)				
+UM59902				unexpected message
SUBTREE3_CS59901(ES,FL:INTEGER)				
[ES<>19]				
+PO49901(FL)				postamble to U0
[ES=19]				
L!REL_COM		RC2(FL,CREF,16)	R	
EXTENDED COMMENTS				
(1) NOT_FL is used to store the inverted call reference flag bit.				
(2) The formal parameter FL is used as call reference flag bit.				
(3) The formal parameter ES is used as expected IUT call state.				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/MS/UAL/V/MS/A/UM59902			
IDENTIFIER	UM59902			
OBJECTIVE	To allow without verdict the receipt of INFO, NOTIFY, STATUS ENQUIRY or any Q.932 PDU during the test body execution.			
DEFAULTS REFERENCE	-			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
L?INFor		IN4(CREF)		
L?NOTIFYr		NO3(CREF)		
L?ST_ENQr		SQ3(CREF)		
L?Q932_MSGr		MSG(CREF)		
EXTENDED COMMENTS				
References to Recommendations				
ETS 300 102-1, Q.932				

DEFAULT DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/DF/UAL/V/DF/A/DF69901			
IDENTIFIER	DF69901 (FL: INTEGER)			
OBJECTIVE	Default subtree for all test cases.			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
L?DL_REL_IN (NOT_FL:=(FL+1) MOD 2)			(I) R	DL failure
L?DL_EST_IN (NOT_FL:=(FL+1) MOD 2)			(I)	DL reset
L!REL_START TAC		RL3(FL,16)	R	valid RELEASE
L?REL_COM: CANCEL TAC		RC1(NOT_FL)	R	valid REL_COM
?TIMEOUT TAC			R	no response
L?OTHERWISE			R	invalid event
L?RESTART: r		RST1(0,6)	(I)	single interface
L!RESTART_ACK		RSA5(1,6)	R	
L?RESTART: r		RST1(0,7)	(I)	all interfaces
L!RESTART_ACK		RSA5(1,7)	R	
L?RESTART: r		RST3(0,0)	(I)	indicated channels
# (B_CHN:==RESTART.CHI.CHI_E3_CS)				
L!RESTART_ACK START T316MAX		RSA2(1,B_CHN)		
L?RESTART: r	L1	RST3(0,0)		indicated channels
# (B_CHN:==RESTART.CHI.CHI_E3_CS)				
L!RESTART_ACK		RSA2(1,B_CHN)		
GOTO L1				
?TIMEOUT T316MAX START TAC			(I)	
L?RESTART: r		RST3(0,0)	(I)	indicated channels
# (B_CHN:==RESTART.CHI.CHI_E3_CS)				
# CANCEL TAC				
L!RESTART_ACK		RSA2(1,B_CHN)	R	
?TIMEOUT TAC			R	
L?OTHERWISE			(F)	
(NOT_FL:=(FL+1) MOD 2)				
L!REL_START TAC		RL3(FL,16)	R	valid RELEASE
L?REL_COM: CANCEL TAC		RC1(NOT_FL)	R	valid REL_COM
?TIMEOUT TAC			R	no response
L?OTHERWISE			R	invalid event
EXTENDED COMMENTS				
(1) NOT_FL is used to store the inverted call reference flag bit.				

Annex B (normative): TTCN GR for primary rate access

This annex contains the TTCN GR for primary rate access.

B.1 Overview part

Test Suite Overview			
Suite Name:		ISDN3_PA	
Standard Reference:		ETS 300 102	
PICS Proforma:		I-ETS 300 315	
PIXIT Proforma:		I-ETS 300 319	
PICS/PIXIT use:			
Test Method(s):		RS Remote single layer	
Comments:			
Test Case Ident.	Test Case Reference	Page	Description
TC10001	ISDN3/PS/U00/V /RC/N/TC10001	384	<p>CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond and remains in the same state.</p>
TC10002	ISDN3/PS/U00/V /RL/N/TC10002	384	<p>CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and remains in the same state.</p>
TC10003	ISDN3/PS/U00/V /ST/N/TC10003	384	<p>CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a STATUS PDU indicating the Null state N0, the IUT does not respond and remains in the same state.</p>
TC10004	ISDN3/PS/U00/V /ST/N/TC10004	385	<p>CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a STATUS PDU indicating any state except the Null state N0, the IUT responds with either a RELEASE PDU or a RELEASE COMPLETE PDU with cause value 101.</p>
TC10005	ISDN3/PS/U00/V /SU/N/TC10005	385	<p>INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a valid SETUP PDU without the Sending complete information element, the IUT responds with any of a SETUP ACKNOWLEDGE, CALL PROCEEDING, ALERTING or CONNECT PDU and moves to the relevant state Overlap Receiving U25, Incoming Call Proceeding U9, Call Received U7 or Connect Request U8.</p>
TC10006	ISDN3/PS/U00/V /SU/N/TC10006	386	<p>INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a valid SETUP PDU with the Sending complete information element, the IUT responds with any of a CALL PROCEEDING, ALERTING or CONNECT PDU and moves to the relevant state Incoming Call Proceeding U9, Call Received U7 or Connect Request U8.</p>
TC10007	ISDN3/PS/U00/V /SU/N/TC10007	386	<p>INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a valid SETUP PDU containing a Progress indicator information element with progress description 1, the IUT modifies its compatibility checking and accepts the call on the basis of a compatible Bearer capability information element.</p>
TC10008	ISDN3/PS/U00/V /SU/N/TC10008	387	<p>INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS</p> <p>Ensure that on receipt of a valid SETUP PDU containing an incompatible Bearer capability information element (mandatory parameter), the IUT responds with a RELEASE COMPLETE PDU with cause value 88.</p>

TC10009	ISDN3 / PS / U00 / V / SU / N / TC10009	387	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a valid SETUP PDU containing an incompatible high layer compatibility information element (optional parameter), the IUT responds with a RELEASE COMPLETE PDU with cause value 88.
TC10010	ISDN3 / PS / U00 / I / DI / N / TC10010	388	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that on receipt of an inopportune PDU (DISCONNECT), the IUT responds with a RELEASE PDU or a RELEASE COMPLETE PDU with cause value 81.
TC10011	ISDN3 / PS / U00 / I / SU / N / TC10011	389	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that on receipt of a repeated valid SETUP PDU with the same call reference as the initial SETUP PDU, the IUT does not respond to the second SETUP PDU and remains in the same state.
TC10012	ISDN3 / PS / U00 / S / ER / O / TC10012	390	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT does not respond to the PDU and remains in the same state.
TC10013	ISDN3 / PS / U00 / S / ER / N / TC10013	390	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC10014	ISDN3 / PS / U00 / S / ER / N / TC10014	390	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that on receipt of a SETUP PDU with a call reference flag bit set to 1, the IUT does not respond and remains in the same state.
TC10015	ISDN3 / PS / U00 / S / ER / N / TC10015	391	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a PDU with mandatory information element missing, the IUT responds with a RELEASE COMPLETE PDU with cause value 96 and remains in the same state.
TC10016	ISDN3 / PS / U00 / S / ER / N / TC10016	391	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a RELEASE or RELEASE COMPLETE PDU with cause value 81 and remains in the same call state.
TC10018	ISDN3 / PS / U00 / S / ER / O / TC10018	392	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10019	ISDN3 / PS / U00 / S / ER / O / TC10019	392	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a SETUP PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC10020	ISDN3 / PS / U00 / S / ER / O / TC10020	392	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10021	ISDN3 / PS / U00 / S / ER / O / TC10021	393	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with the global reference and returns a STATUS PDU.

TC10022	ISDN3/PS/U00/S /ER/O/TC10022	393	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10023	ISDN3/PS/U00/S /ER/O/TC10023	394	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 10 Ensure that the IUT responds to the receipt of a PDU with a mandatory information element out of sequence by either sending a RELEASE COMPLETE PDU with cause value 96 and remains in the same state or processes the PDU.
TC10024	ISDN3/PS/U00/S /ER/O/TC10024	394	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10025	ISDN3/PS/U00/S /ER/O/TC10025	395	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements the IUT processes the PDU and its remaining contents as valid.
TC10026	ISDN3/PS/U00/S /ER/O/TC10026	395	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a PDU with a mandatory information element with content error by sending a RELEASE COMPLETE PDU with cause value 100 and remains in the same state.
TC10027	ISDN3/PS/U00/S /ER/N/TC10027	396	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a PDU with unrecognised information element (coded comprehension required) by sending a RELEASE COMPLETE PDU with cause value 96 and remains in the same state.
TC10028	ISDN3/PS/U00/S /ER/N/TC10028	396	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a SETUP PDU with unrecognised optional information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.
TC10029	ISDN3/PS/U00/S /ER/N/TC10029	397	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a SETUP PDU with non-mandatory element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC20002	ISDN3/AC/U00/V /SU/N/TC20002	397	NULL STATE TESTS - STATE U0 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a valid SETUP and enters the Call Initiated state U1.
TC20003	ISDN3/AC/U00/V /O3/N/TC20003	398	TIMER TESTS - TIMER T303 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the use of the optional timer T303.
TC10101	ISDN3/PS/U01/V /CP/N/TC10101	398	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CALL PROCEEDING PDU, the IUT enters the Outgoing Call Proceeding state U3.
TC10102	ISDN3/PS/U01/V /RC/N/TC10102	399	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.

TC10103	ISDN3 / PS / U01 / V / RL / N / TC10103	399	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10104	ISDN3 / PS / U01 / V / SA / N / TC10104	399	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a SETUP ACKNOWLEDGE PDU, the IUT enters the Overlap Sending state U2.
TC10105	ISDN3 / PS / U01 / V / ST / N / TC10105	400	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC10106	ISDN3 / PS / U01 / V / SQ / O / TC10106	400	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10107	ISDN3 / PS / U01 / I / CA / N / TC10107	400	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, and remains in the same state.
TC10108	ISDN3 / PS / U01 / S / ER / O / TC10108	401	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10109	ISDN3 / PS / U01 / S / ER / O / TC10109	401	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10110	ISDN3 / PS / U01 / S / ER / O / TC10110	401	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state
TC10111	ISDN3 / PS / U01 / S / ER / O / TC10111	402	CALL INITIATED STATE TEST - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10112	ISDN3 / PS / U01 / S / ER / O / TC10112	402	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10113	ISDN3 / PS / U01 / S / ER / O / TC10113	402	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10114	ISDN3 / PS / U01 / S / ER / O / TC10114	403	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.

TC10115	ISDN3/PS/U01/S /ER/O/TC10115	403	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a CALL PROCEEDING PDU with mandatory information element missing, the IUT only returns a STATUS PDU with cause value 96 and remains in the same state.
TC10116	ISDN3/PS/U01/S /ER/O/TC10116	403	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with mandatory information element with content error by sending a STATUS PDU with cause value 100 and remains in the same state.
TC10117	ISDN3/PS/U01/S /ER/O/TC10117	404	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC10118	ISDN3/PS/U01/S /ER/O/TC10118	404	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents and optionally sends a STATUS PDU with cause value 99.
TC10119	ISDN3/PS/U01/S /ER/O/TC10119	405	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CALL PROCEEDING PDU with non mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC10120	ISDN3/PS/U01/S /ER/N/TC10120	405	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97 or with a STATUS ENQIRY PDU and remains in the same state.
TC10121	ISDN3/PS/U01/S /ER/O/TC10121	406	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.
TC10122	ISDN3/PS/U01/S /ER/O/TC10122	406	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC10201	ISDN3/PS/U02/V /AL/N/TC10201	406	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an ALERTING PDU the IUT enters the Call Delivered state U4.
TC10202	ISDN3/PS/U02/V /CN/N/TC10202	407	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU the IUT enters the Active state U10.
TC10203	ISDN3/PS/U02/V /CP/N/TC10203	407	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CALL PROCEEDING PDU the IUT enters the Outgoing Call Proceeding state U3.

TC10204	ISDN3 / PS / U02 / V / DI / N / TC10204	407	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.
TC10205	ISDN3 / PS / U02 / V / IN / N / TC10205	408	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC10206	ISDN3 / PS / U02 / V / PG / N / TC10206	408	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.
TC10207	ISDN3 / PS / U02 / V / RC / N / TC10207	408	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC10208	ISDN3 / PS / U02 / V / RL / N / TC10208	409	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10209	ISDN3 / PS / U02 / V / SQ / O / TC10209	409	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10210	ISDN3 / PS / U02 / V / ST / N / TC10210	409	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC10211	ISDN3 / PS / U02 / I / SA / N / TC10211	410	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or a STATUS ENQUIRY PDU and remains in the same state.
TC10212	ISDN3 / PS / U02 / S / ER / O / TC10212	410	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10213	ISDN3 / PS / U02 / S / ER / O / TC10213	410	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10214	ISDN3 / PS / U02 / S / ER / O / TC10214	411	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10215	ISDN3 / PS / U02 / S / ER / O / TC10215	411	OVERLAP SENDING STATE TEST - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10216	ISDN3 / PS / U02 / S / ER / O / TC10216	411	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.

TC10217	ISDN3/PS/U02/S /ER/O/TC10217	412	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10218	ISDN3/PS/U02/S /ER/O/TC10218	412	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC10219	ISDN3/PS/U02/S /ER/O/TC10219	412	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC10220	ISDN3/PS/U02/S /ER/O/TC10220	413	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.
TC10221	ISDN3/PS/U02/S /ER/O/TC10221	413	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CALL PROCEEDING PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC10222	ISDN3/PS/U02/S /ER/O/TC10222	414	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing, the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19
TC10223	ISDN3/PS/U02/S /ER/O/TC10223	414	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with a mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC10224	ISDN3/PS/U02/S /ER/N/TC10224	415	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQIRY PDU and remains in the same state.
TC10225	ISDN3/PS/U02/S /ER/O/TC10225	415	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC10226	ISDN3/PS/U02/S /ER/O/TC10226	416	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC20201	ISDN3/AC/U02/V /04/O/TC20201	416	TIMER TESTS - TIMER T304 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T304.

TC 20203	ISDN3 / AC / U02 / V / DI / N / TC 20203	417	OVERLAP SENDING STATE TESTS - STATE U2 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.
TC 20204	ISDN3 / AC / U02 / V / IN / N / TC 20204	417	OVERLAP SENDING STATE TESTS - STATE U2 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits an INFORMATION PDU and remains in the same state.
TC 10301	ISDN3 / PS / U03 / V / AL / N / TC 10301	417	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an ALERTING PDU, the IUT enters the Call Delivered state U4.
TC 10302	ISDN3 / PS / U03 / V / CN / N / TC 10302	418	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU, the IUT enters the Active state U10.
TC 10303	ISDN3 / PS / U03 / V / DI / N / TC 10303	418	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U9.
TC 10304	ISDN3 / PS / U03 / V / IN / N / TC 10304	418	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC 10305	ISDN3 / PS / U03 / V / PG / N / TC 10305	419	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.
TC 10306	ISDN3 / PS / U03 / V / RC / N / TC 10306	419	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the state Null U0.
TC 10307	ISDN3 / PS / U03 / V / RL / N / TC 10307	419	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC 10308	ISDN3 / PS / U03 / V / SQ / O / TC 10308	420	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC 10309	ISDN3 / PS / U03 / V / ST / N / TC 10309	420	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC 10310	ISDN3 / PS / U03 / I / CP / N / TC 10310	420	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC 10311	ISDN3 / PS / U03 / S / ER / O / TC 10311	421	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.

TC10312	ISDN3/PS/U03/S /ER/O/TC10312	421	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10313	ISDN3/PS/U03/S /ER/O/TC10313	421	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10314	ISDN3/PS/U03/S /ER/O/TC10314	422	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10315	ISDN3/PS/U03/S /ER/O/TC10315	422	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10316	ISDN3/PS/U03/S /ER/O/TC10316	423	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10317	ISDN3/PS/U03/S /ER/O/TC10317	423	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC10318	ISDN3/PS/U03/S /ER/O/TC10318	424	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CONNECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC10319	ISDN3/PS/U03/S /ER/O/TC10319	424	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT PDU with unrecognised optional information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.
TC10320	ISDN3/PS/U03/S /ER/O/TC10320	425	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining content as valid and optionally sends a STATUS PDU with cause value 100.
TC10321	ISDN3/PS/U03/S /ER/O/TC10321	425	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC10322	ISDN3/PS/U03/S /ER/O/TC10322	426	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.

TC10323	ISDN3 / PS / U03 / S / ER / N / TC10323	426	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10324	ISDN3 / PS / U03 / S / ER / O / TC10324	427	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC10325	ISDN3 / PS / U03 / S / ER / O / TC10325	427	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC20301	ISDN3 / AC / U03 / V / DI / N / TC20301	427	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.
TC20302	ISDN3 / AC / U03 / V / I0 / O / TC20302	428	TIMER TESTS - TIMER T310 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T310.
TC10401	ISDN3 / PS / U04 / V / CN / N / TC10401	428	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU, the IUT enters the Active state U10.
TC10402	ISDN3 / PS / U04 / V / DI / N / TC10402	429	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.
TC10403	ISDN3 / PS / U04 / V / IN / N / TC10403	429	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC10404	ISDN3 / PS / U04 / V / PG / N / TC10404	429	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.
TC10405	ISDN3 / PS / U04 / V / RC / N / TC10405	430	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC10406	ISDN3 / PS / U04 / V / RL / N / TC10406	430	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10407	ISDN3 / PS / U04 / V / SQ / O / TC10407	430	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10408	ISDN3 / PS / U04 / V / ST / N / TC10408	431	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.

TC10409	ISDN3/PS/U04/I /AL/N/TC10409	431	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10410	ISDN3/PS/U04/S /ER/O/TC10410	431	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10411	ISDN3/PS/U04/S /ER/O/TC10411	432	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10412	ISDN3/PS/U04/S /ER/O/TC10412	432	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10413	ISDN3/PS/U04/S /ER/O/TC10413	432	CALL DELIVERED STATE TEST - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10414	ISDN3/PS/U04/S /ER/O/TC10414	433	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10415	ISDN3/PS/U04/S /ER/O/TC10415	433	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10416	ISDN3/PS/U04/S /ER/O/TC10416	434	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC10417	ISDN3/PS/U04/S /ER/O/TC10417	434	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds the receipt of a CONNECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC10418	ISDN3/PS/U04/S /ER/O/TC10418	435	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause 99.
TC10419	ISDN3/PS/U04/S /ER/O/TC10419	436	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.

TC10420	ISDN3 / PS / U04 / S / ER / O / TC10420	436	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC10421	ISDN3 / PS / U04 / S / ER / O / TC10421	437	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC10422	ISDN3 / PS / U04 / S / ER / N / TC10422	437	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 97 or 98, or a STATUS ENQUIRY PDU and remains in the same state.
TC10423	ISDN3 / PS / U04 / S / ER / O / TC10423	438	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.
TC10424	ISDN3 / PS / U04 / S / ER / O / TC10424	438	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC20401	ISDN3 / AC / U04 / V / DI / N / TC20401	438	CALL DELIVERED STATE TESTS - STATE U4 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.
TC10701	ISDN3 / PS / U07 / V / DI / N / TC10701	439	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.
TC10702	ISDN3 / PS / U07 / V / IN / N / TC10702	439	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC10703	ISDN3 / PS / U07 / V / RC / N / TC10703	439	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC10704	ISDN3 / PS / U07 / V / RL / N / TC10704	440	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10705	ISDN3 / PS / U07 / V / SQ / O / TC10705	440	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10706	ISDN3 / PS / U07 / V / ST / N / TC10706	440	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.

TC10707	ISDN3/PS/U07/I /CN/N/TC10707	441	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10708	ISDN3/PS/U07/S /ER/O/TC10708	441	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10709	ISDN3/PS/U07/S /ER/O/TC10709	441	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10710	ISDN3/PS/U07/S /ER/O/TC10710	442	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10711	ISDN3/PS/U07/S /ER/O/TC10711	442	CALL RECEIVED STATE TEST - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10712	ISDN3/PS/U07/S /ER/O/TC10712	442	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10713	ISDN3/PS/U07/S /ER/O/TC10713	443	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10714	ISDN3/PS/U07/S /ER/O/TC10714	443	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC10715	ISDN3/PS/U07/S /ER/O/TC10715	443	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC10716	ISDN3/PS/U07/S /ER/O/TC10716	444	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC10717	ISDN3/PS/U07/S /ER/O/TC10717	444	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the state U19.
TC10718	ISDN3/PS/U07/S /ER/O/TC10718	445	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.

TC10719	ISDN3 / PS / U07 / S / ER / O / TC10719	445	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100..
TC10720	ISDN3 / PS / U07 / S / ER / N / TC10720	446	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or a STATUS ENQUIRY PDU, and remains in the same state.
TC10721	ISDN3 / PS / U07 / S / ER / O / TC10721	446	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.
TC10722	ISDN3 / PS / U07 / S / ER / O / TC10722	447	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the state U7.
TC20701	ISDN3 / AC / U07 / V / PG / N / TC20701	447	CALL RECEIVED STATE TESTS - STATE U7 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a PROGRESS PDU when prompted and remains in the same state.
TC10801	ISDN3 / PS / U08 / V / CA / N / TC10801	447	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT enters the Active state U10 on receipt of a CONNECT ACKNOWLEDGE PDU.
TC10802	ISDN3 / PS / U08 / V / DI / N / TC10802	448	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.
TC10803	ISDN3 / PS / U08 / V / IN / N / TC10803	448	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC10804	ISDN3 / PS / U08 / V / RC / N / TC10804	448	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC10805	ISDN3 / PS / U08 / V / RL / N / TC10805	449	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10806	ISDN3 / PS / U08 / V / SQ / O / TC10806	449	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10807	ISDN3 / PS / U08 / V / ST / N / TC10807	449	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.

TC10808	ISDN3/PS/U08/I /CN/N/TC10808	450	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10809	ISDN3/PS/U08/S /ER/O/TC10809	450	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10810	ISDN3/PS/U08/S /ER/O/TC10810	450	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10811	ISDN3/PS/U08/S /ER/O/TC10811	451	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10812	ISDN3/PS/U08/S /ER/O/TC10812	451	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10813	ISDN3/PS/U08/S /ER/O/TC10813	451	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10814	ISDN3/PS/U08/S /ER/O/TC10814	452	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CONNECT ACKNOWLEDGE PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC10815	ISDN3/PS/U08/S /ER/O/TC10815	452	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT ACKNOWLEDGE PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause 99.
TC10816	ISDN3/PS/U08/S /ER/O/TC10816	453	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CONNECT ACKNOWLEDGE PDU with non-mandatory information element with content error, the IUT processes the PDU and its remaining contents as valid.
TC10817	ISDN3/PS/U08/S /ER/O/TC10817	453	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10818	ISDN3/PS/U08/S /ER/O/TC10818	454	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.

TC10819	ISDN3 / PS / U08 / S / ER / O / TC10819	454	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC10820	ISDN3 / PS / U08 / S / ER / O / TC10820	454	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC10821	ISDN3 / PS / U08 / S / ER / N / TC10821	455	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10822	ISDN3 / PS / U08 / S / ER / O / TC10822	455	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.
TC10823	ISDN3 / PS / U08 / S / ER / O / TC10823	456	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC20801	ISDN3 / AC / U08 / V / 13 / N / TC20801	456	TIMER TESTS - TIMER T313 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T313.
TC10901	ISDN3 / PS / U09 / V / DI / N / TC10901	456	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.
TC10902	ISDN3 / PS / U09 / V / IN / N / TC10902	457	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC10903	ISDN3 / PS / U09 / V / RC / N / TC10903	457	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC10904	ISDN3 / PS / U09 / V / RL / N / TC10904	457	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC10905	ISDN3 / PS / U09 / V / SQ / O / TC10905	458	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC10906	ISDN3 / PS / U09 / V / ST / N / TC10906	458	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.

TC10907	ISDN3/PS/U09/I /CN/N/TC10907	458	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause 98 or 101, or a STATUS ENQUIRY PDU, and remains in the same state.
TC10908	ISDN3/PS/U09/S /ER/O/TC10908	459	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC10909	ISDN3/PS/U09/S /ER/O/TC10909	459	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC10910	ISDN3/PS/U09/S /ER/O/TC10910	459	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC10911	ISDN3/PS/U09/S /ER/O/TC10911	460	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC10912	ISDN3/PS/U09/S /ER/O/TC10912	460	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC10913	ISDN3/PS/U09/S /ER/O/TC10913	460	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC10914	ISDN3/PS/U09/S /ER/O/TC10914	461	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC10915	ISDN3/PS/U09/S /ER/O/TC10915	461	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause 96 and enters the Release Request state U19.
TC10916	ISDN3/PS/U09/S /ER/O/TC10916	461	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC10917	ISDN3/PS/U09/S /ER/O/TC10917	462	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.

TC10918	ISDN3 / PS / U09 / S / ER / O / TC10918	462	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.
TC10919	ISDN3 / PS / U09 / S / ER / O / TC10919	463	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non- mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC10920	ISDN3 / PS / U09 / S / ER / N / TC10920	463	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC10921	ISDN3 / PS / U09 / S / ER / O / TC10921	464	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1. bits 4 - 1, length value too high) and remains in the same state.
TC10922	ISDN3 / PS / U09 / S / ER / O / TC10922	464	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC20901	ISDN3 / AC / U09 / V / PG / N / TC20901	465	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a PROGRESS PDU when prompted and remains in the same state.
TC11001	ISDN3 / PS / U10 / V / DI / N / TC11001	465	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.
TC11002	ISDN3 / PS / U10 / V / IN / N / TC11002	466	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC11003	ISDN3 / PS / U10 / V / NO / N / TC11003	466	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a NOTIFY PDU, the IUT does not respond and remains in the same state.
TC11004	ISDN3 / PS / U10 / V / RC / N / TC11004	466	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC11005	ISDN3 / PS / U10 / V / RL / N / TC11005	467	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the state U0.
TC11006	ISDN3 / PS / U10 / V / SQ / O / TC11006	467	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC11007	ISDN3 / PS / U10 / V / ST / N / TC11007	467	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.

TC11008	ISDN3/PS/U10/I /CN/N/TC11008	468	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC11009	ISDN3/PS/U10/S /ER/O/TC11009	468	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC11010	ISDN3/PS/U10/S /ER/N/TC11010	468	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the state U10.
TC11011	ISDN3/PS/U10/S /ER/O/TC11011	469	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC11012	ISDN3/PS/U10/S /ER/O/TC11012	469	ACTIVE CALL STATE TEST - U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC11013	ISDN3/PS/U10/S /ER/O/TC11013	469	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC11014	ISDN3/PS/U10/S /ER/O/TC11014	470	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC11015	ISDN3/PS/U10/S /ER/O/TC11015	470	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC11016	ISDN3/PS/U10/S /ER/O/TC11016	470	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause 96 and enters the Release Request state U19.
TC11017	ISDN3/PS/U10/S /ER/O/TC11017	471	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC11018	ISDN3/PS/U10/S /ER/O/TC11018	471	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC11019	ISDN3/PS/U10/S /ER/O/TC11019	472	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.

TC 11020	ISDN3 / PS / U10 / S / ER / O / TC 11020	472	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally send a STATUS PDU with cause value 100.
TC 11021	ISDN3 / PS / U10 / S / ER / N / TC 11021	473	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or a with a STATUS ENQUIRY PDU, and remains in the same state.
TC 11022	ISDN3 / PS / U10 / S / ER / N / TC 11022	473	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.
TC 11023	ISDN3 / PS / U10 / S / ER / O / TC 11023	474	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC 21001	ISDN3 / AC / U10 / V / 08 / N / TC 21001	474	TIMER TESTS - TIMER T308 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T308 in the active state U10.
TC 21002	ISDN3 / AC / U10 / V / 22 / N / TC 21002	475	TIMER TESTS - TIMER T322 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T322.
TC 21003	ISDN3 / AC / U10 / V / DI / N / TC 21003	475	ACTIVE STATE TEST - STATE U10 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.
TC 21004	ISDN3 / AC / U10 / V / NO / N / TC 21004	476	ACTIVE STATE TEST - STATE U10 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a NOTIFY PDU and remains in the same state.
TC 21006	ISDN3 / AC / U10 / V / 05 / N / TC 21006	476	TIMER TESTS - TIMER T305 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T305 in this Disconnect Request state U11.
TC 11101	ISDN3 / PS / U11 / V / DI / N / TC 11101	477	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.
TC 11102	ISDN3 / PS / U11 / V / IN / N / TC 11102	477	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC 11103	ISDN3 / PS / U11 / V / NO / N / TC 11103	477	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a NOTIFY PDU, the IUT does not respond or returns a STATUS PDU and remains in the same state.
TC 11104	ISDN3 / PS / U11 / V / RC / N / TC 11104	478	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC 11105	ISDN3 / PS / U11 / V / RL / N / TC 11105	478	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.

TC11106	ISDN3/PS/U11/V /ST/N/TC11106	478	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state NO, the IUT enters the Null state U0.
TC11107	ISDN3/PS/U11/I /CP/N/TC11107	479	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC11108	ISDN3/PS/U11/S /ER/O/TC11108	479	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC11109	ISDN3/PS/U11/S /ER/O/TC11109	479	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC11110	ISDN3/PS/U11/S /ER/O/TC11110	480	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC11111	ISDN3/PS/U11/S /ER/O/TC11111	480	DISCONNECT REQUEST STATE TEST - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC11112	ISDN3/PS/U11/S /ER/O/TC11112	480	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC11113	ISDN3/PS/U11/S /ER/O/TC11113	481	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC11114	ISDN3/PS/U11/S /ER/O/TC11114	481	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC11115	ISDN3/PS/U11/S /ER/O/TC11115	481	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC11116	ISDN3/PS/U11/S /ER/O/TC11116	482	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC11117	ISDN3/PS/U11/S /ER/O/TC11117	482	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a RELEASE PDU with unrecognised optional information element (coded comprehension required) by sending a RELEASE COMPLETE PDU with cause value 96 and enters the Null state U0.

TC 11118	ISDN3 / PS / U11 / S / ER / O / TC 11118	483	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a RELEASE PDU with unrecognised optional information element (coded comprehension not required), the IUT sends a RELEASE COMPLETE PDU with cause value 99 and enters the Null state U0.
TC 11119	ISDN3 / PS / U11 / S / ER / O / TC 11119	483	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a RELEASE PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC 11120	ISDN3 / PS / U11 / S / ER / N / TC 11120	484	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC 11121	ISDN3 / PS / U11 / S / ER / O / TC 11121	484	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC 11122	ISDN3 / PS / U11 / S / ER / O / TC 11122	485	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC 11901	ISDN3 / PS / U19 / V / DI / O / TC 11901	485	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT remains in the same state.
TC 11902	ISDN3 / PS / U19 / V / IN / N / TC 11902	485	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.
TC 11903	ISDN3 / PS / U19 / V / RC / N / TC 11903	486	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC 11904	ISDN3 / PS / U19 / V / RL / N / TC 11904	486	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT does not respond and enters the Null state U0.
TC 11905	ISDN3 / PS / U19 / V / SQ / O / TC 11905	486	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC 11906	ISDN3 / PS / U19 / V / ST / N / TC 11906	487	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC 11907	ISDN3 / PS / U19 / V / ST / N / TC 11907	487	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Release Request state U19, the IUT does not respond and remains in the same state.

TC11908	ISDN3/PS/U19/I /CP/N/TC11908	487	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC11909	ISDN3/PS/U19/S /ER/N/TC11909	488	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC11910	ISDN3/PS/U19/S /ER/O/TC11910	488	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC11911	ISDN3/PS/U19/S /ER/O/TC11911	489	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC11912	ISDN3/PS/U19/S /ER/O/TC11912	489	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an invalid protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.
TC11913	ISDN3/PS/U19/S /ER/O/TC11913	489	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC11914	ISDN3/PS/U19/S /ER/O/TC11914	490	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC11915	ISDN3/PS/U19/S /ER/O/TC11915	490	RELEASE REQUEST STATE TEST - U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC11916	ISDN3/PS/U19/S /ER/O/TC11916	490	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC11917	ISDN3/PS/U19/S /ER/O/TC11917	491	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC11918	ISDN3/PS/U19/S /ER/O/TC11918	491	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC11919	ISDN3/PS/U19/S /ER/O/TC11919	491	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that on receipt of a RELEASE COMPLETE PDU with unrecognised information element (coded comprehension required), the IUT does not respond and enters the Null state U0.

TC 1 1 9 2 0	I S D N 3 / P S / U 1 9 / S / E R / O / T C 1 1 9 2 0	492	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a RELEASE COMPLETE PDU with unrecognised information element (coded comprehension not required), the IUT does not respond and enters the Null state U0.
TC 1 1 9 2 1	I S D N 3 / P S / U 1 9 / S / E R / O / T C 1 1 9 2 1	492	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a RELEASE COMPLETE PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.
TC 1 2 5 0 1	I S D N 3 / P S / U 2 5 / V / D I / N / T C 1 2 5 0 1	493	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT sends a RELEASE PDU and enters the Release Request state U19.
TC 1 2 5 0 2	I S D N 3 / P S / U 2 5 / V / I N / N / T C 1 2 5 0 2	493	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU without sufficient called number information element, the IUT does not respond and remains in the same state.
TC 1 2 5 0 3	I S D N 3 / P S / U 2 5 / V / I N / N / T C 1 2 5 0 3	494	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU with sufficient called number information element, the IUT responds with a CALL PROCEEDING, ALERTING or a CONNECT PDU and enters the Incoming Call Proceeding state U9, the Call Received state U7 or the Connect Request state U8.
TC 1 2 5 0 4	I S D N 3 / P S / U 2 5 / V / R C / N / T C 1 2 5 0 4	494	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.
TC 1 2 5 0 5	I S D N 3 / P S / U 2 5 / V / R L / N / T C 1 2 5 0 5	495	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.
TC 1 2 5 0 6	I S D N 3 / P S / U 2 5 / V / S Q / O / T C 1 2 5 0 6	495	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.
TC 1 2 5 0 7	I S D N 3 / P S / U 2 5 / V / S T / N / T C 1 2 5 0 7	495	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.
TC 1 2 5 0 8	I S D N 3 / P S / U 2 5 / I / C N / N / T C 1 2 5 0 8	496	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or a STATUS ENQUIRY PDU, and remains in the same state.
TC 1 2 5 0 9	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 0 9	496	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.

TC12510	ISDN3/PS/U25/S /ER/O/TC12510	496	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.
TC12511	ISDN3/PS/U25/S /ER/O/TC12511	497	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC12512	ISDN3/PS/U25/S /ER/O/TC12512	497	OVERLAP RECEIVING STATE TEST - U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC12513	ISDN3/PS/U25/S /ER/O/TC12513	497	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC12514	ISDN3/PS/U25/S /ER/O/TC12514	498	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC12515	ISDN3/PS/U25/S /ER/O/TC12515	498	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC12516	ISDN3/PS/U25/S /ER/O/TC12516	498	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing, the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC12517	ISDN3/PS/U25/S /ER/O/TC12517	499	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.
TC12518	ISDN3/PS/U25/S /ER/O/TC12518	499	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.
TC12519	ISDN3/PS/U25/S /ER/O/TC12519	500	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.
TC12520	ISDN3/PS/U25/S /ER/O/TC12520	500	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.

TC 1 2 5 2 1	I S D N 3 / P S / U 2 5 / S / E R / N / T C 1 2 5 2 1	501	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.
TC 1 2 5 2 2	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 2 2	501	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.
TC 1 2 5 2 3	I S D N 3 / P S / U 2 5 / S / E R / O / T C 1 2 5 2 3	501	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC 2 2 5 0 1	I S D N 3 / A C / U 2 5 / V / O 2 / N / T C 2 2 5 0 1	502	TIMER TESTS - TIMER T302 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of timer T302 if overlap receiving has been implemented.
TC 2 2 5 0 2	I S D N 3 / A C / U 2 5 / V / P G / N / T C 2 2 5 0 2	503	OVERLAP RECEIVING STATE TESTS - STATE U25 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a PROGRESS PDU when prompted and remains in the same state.
TC 1 9 0 0 1	I S D N 3 / P S / R 0 0 / S / E R / N / T C 1 9 0 0 1	503	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.
TC 1 9 0 0 2	I S D N 3 / P S / R 0 0 / I / S T / N / T C 1 9 0 0 2	504	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that on receipt of a STATUS PDU with the global call reference, the IUT takes no action.
TC 1 9 0 0 3	I S D N 3 / P S / R 0 0 / V / R S / N / T C 1 9 0 0 3	504	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RESTART PDU, the specified channel is returned to the idle condition, the global call reference is returned to the Null state R0 and a RESTART ACKNOWLEDGE PDU is sent.
TC 1 9 0 0 4	I S D N 3 / P S / R 0 0 / S / E R / O / T C 1 9 0 0 4	504	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in same state.
TC 1 9 0 0 5	I S D N 3 / P S / R 0 0 / S / E R / O / T C 1 9 0 0 5	505	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in same state.
TC 1 9 0 0 6	I S D N 3 / P S / R 0 0 / S / E R / O / T C 1 9 0 0 6	505	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a RESTART PDU with an invalid call reference format (octet 1, bits 8-5 <> '0000' B) and remains in same state.
TC 1 9 0 0 7	I S D N 3 / P S / R 0 0 / S / E R / O / T C 1 9 0 0 7	505	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a RESTART PDU with an invalid call reference format (octet 1, bits 4 - 1 > '0010' B) and remains in the same state.
TC 1 9 0 0 8	I S D N 3 / P S / R 0 0 / S / E R / O / T C 1 9 0 0 8	506	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC 1 9 0 0 9	I S D N 3 / P S / R 0 0 / S / E R / O / T C 1 9 0 0 9	506	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.

TC19010	ISDN3/PS/R00/S /ER/O/TC19010	507	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC19011	ISDN3/PS/R00/S /ER/O/TC19011	507	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC19012	ISDN3/PS/R00/S /ER/O/TC19012	508	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a RESTART PDU with mandatory information element missing, the IUT only returns a STATUS PDU with cause value 96 and remains in the same state.
TC19013	ISDN3/PS/R00/S /ER/O/TC19013	508	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS ERROR CATEGORY 14 Ensure that on receipt of a RESTART PDU with mandatory information element content error, the IUT returns only a STATUS PDU with cause value 100 and remains in the same state.
TC19014	ISDN3/PS/R00/S /ER/O/TC19014	509	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a RESTART PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC19015	ISDN3/PS/R00/S /ER/O/TC19015	509	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS ERROR CATEGORY 16 Ensure that on receipt of a RESTART PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally returns a STATUS PDU with cause value 99.
TC19016	ISDN3/PS/R00/S /ER/O/TC19016	510	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that on receipt of a RESTART PDU with an invalid channel identification information element content, the IUT only returns a STATUS PDU with cause value 100 and remains in the same state.
TC29001	ISDN3/AC/R00/V /16/N/TC29001	510	GLOBAL CALL REF. - STATE R0 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure timer T316 > 114 seconds.
TC29002	ISDN3/AC/R00/V /16/O/TC29002	511	GLOBAL CALL REF. - STATE R0 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of timer T316.
TC19101	ISDN3/PS/R01/S /ER/N/TC19101	511	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 81 and remains in the same state.
TC19102	ISDN3/PS/R01/S /ER/N/TC19102	512	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 > '0010'B)) and remains in the same state.
TC19103	ISDN3/PS/R01/I /ST/N/TC19103	512	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that on receipt of a STATUS PDU with the global call reference and reporting an incompatible state, the IUT takes no action.
TC19104	ISDN3/PS/R01/V /RK/N/TC19104	513	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RESTART_ACK PDU, the IUT frees the channels and call reference values for re-use and enters the Null state R0.
TC19105	ISDN3/PS/R01/S /ER/O/TC19105	513	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.

TC19106	ISDN3 / PS / R01 / S / ER / O / TC19106	514	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.
TC19107	ISDN3 / PS / R01 / S / ER / O / TC19107	514	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8-5 <> '0000' B) and remains in the same state.
TC19108	ISDN3 / PS / R01 / S / ER / O / TC19108	514	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.
TC19109	ISDN3 / PS / R01 / S / ER / O / TC19109	515	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 10 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.
TC19110	ISDN3 / PS / R01 / S / ER / O / TC19110	516	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).
TC19111	ISDN3 / PS / R01 / S / ER / O / TC19111	517	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.
TC19112	ISDN3 / PS / R01 / S / ER / O / TC19112	517	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a RESTART ACKNOWLEDGE PDU with mandatory information element missing, the IUT only returns a STATUS PDU with cause value 96 and remains in the same state.
TC19113	ISDN3 / PS / R01 / S / ER / O / TC19113	518	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that on receipt of a RESTART ACKNOWLEDGE PDU with mandatory information element with content error, the IUT returns only a STATUS PDU with cause value 100 and remains in the same state.
TC19114	ISDN3 / PS / R01 / S / ER / O / TC19114	518	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a RESTART ACKNOWLEDGE PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.
TC19115	ISDN3 / PS / R01 / S / ER / O / TC19115	519	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a RESTART ACKNOWLEDGE PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally returns a STATUS PDU with cause value 99.
TC19116	ISDN3 / PS / R01 / S / ER / O / TC19116	519	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that on receipt of a RESTART ACKNOWLEDGE PDU with an invalid channel identification information element content, the IUT only returns a STATUS PDU with cause value 100 and remains in the same state
PR30001	ISDN3 / PR / U00 / V / PR / A / PR30001	520	To bring the IUT to the Null state U0.
PR30101	ISDN3 / PR / U01 / V / PR / A / PR30101	520	To bring the IUT to the Call Initiated state U1.
PR30201	ISDN3 / PR / U02 / V / PR / A / PR30201	521	To bring the IUT to the Overlap Sending state U2.
PR30301	ISDN3 / PR / U03 / V / PR / A / PR30301	521	To bring the IUT to the Outgoing Call Proceeding state U3.
PR30401	ISDN3 / PR / U04 / V / PR / A / PR30401	522	To bring the IUT to the Call Delivered state U4.
PR30701	ISDN3 / PR / U07 / V / PR / A / PR30701	522	To bring the IUT to the Call Received state U7.
PR30801	ISDN3 / PR / U08 / V / PR / A / PR30801	522	To bring the IUT to the Connect Request state U8.
PR30901	ISDN3 / PR / U09 / V / PR / A / PR30901	523	To bring the IUT to the Incoming Call Proceeding state U9.

PR31001	ISDN3 / PR / U10 / V / PR / A / PR31001	523	To bring the IUT to the Active state U10.
PR31101	ISDN3 / PR / U11 / V / PR / A / PR31101	523	To bring the IUT to the Disconnect Request state U11.
PR31901	ISDN3 / PR / U19 / V / PR / A / PR31901	524	To bring the IUT to the Release Request state U19 via the states U6-U7 or U6-U8 or U6-U9 or U6-U25.
PR32501	ISDN3 / PR / U25 / V / PR / A / PR32501	524	To bring the IUT to the Overlap Receiving state U25.
PR39001	ISDN3 / PR / R00 / V / ER / A / PR39001	525	To bring the IUT to the Global Call Reference Null state R0.
PR39002	ISDN3 / PR / R01 / V / PR / A / PR39002	525	To bring the IUT to the Global Call Reference Null state R0.
PR39003	ISDN3 / PR / R01 / V / PR / A / PR39003	526	To bring the IUT to the Global Call Reference Null state R0 via Basic Call Connect Request state U8.
PR39101	ISDN3 / PR / R01 / V / PR / A / PR39101	526	To bring the IUT to the Global Call Reference Restart Request state R1.
PO49901	ISDN3 / PO / UAL / V / PO / A / PO49901	527	To bring the IUT to the Null state U0.
CS50001	ISDN3 / MS / U00 / V / MS / A / CS50001	527	To check the IUT Null call state U0.
CS59003	ISDN3 / MS / UAL / V / ER / A / CS59003	528	To check the IUT Global Call Reference states.
CS59901	ISDN3 / MS / UAL / V / MS / A / CS59901	529	To check the IUT call states and the cause values.
UM59902	ISDN3 / MS / UAL / V / MS / A / UM59902	529	To allow without verdict the receipt of INFO, NOTIFY, STATUS ENQUIRY or any Q.932 PDU during the test body execution.
DF69901	ISDN3 / DF / UAL / V / DF / A / DF69901	530	Default subtree for all test cases.

B.2 Declarations part

USER TYPE DEFINITIONS			
NAME	BASE TYPE	DEFINITION	COMMENTS
Q932_MT_LIST	OCTETSTRING	('24'O, '28'O, '30'O, '31'O, '33'O, '37'O, '62'O, '64'O)	MTs: HOLD, HOLD_ACK, HOLD_REJ, RETRIEVE, RET_ACK, RET_REJ
#			FACILITY, REGISTER
CAU_I	BITSTRING	('00001000'B)	Cause id type
CDPN_I	BITSTRING	('01110000'B)	Called party number id type
CDPS_I	BITSTRING	('01110001'B)	Called party subadd. id type
CGPN_I	BITSTRING	('01101100'B)	Calling party number id type
CGPS_I	BITSTRING	('01101101'B)	Calling party subadd. id type
CHI_I	BITSTRING	('00011000'B)	Channel identification id type
CODN_I	BITSTRING	('01001100'B)	Connected party number id type
CODS_I	BITSTRING	('01001101'B)	Connected subaddress id type
CST_I	BITSTRING	('00010100'B)	Call state id type
DSP_I	BITSTRING	('00101000'B)	Display id type
EFAC_I	BITSTRING	('00001101'B)	Extended Facility id type
FAC_I	BITSTRING	('00011100'B)	Facility id type
KPF_I	BITSTRING	('00101100'B)	Keypad facility id type
NSF_I	BITSTRING	('00100000'B)	Network-specific fac. id type
NOID_I	BITSTRING	('00100111'B)	Notification indicator id type
PI_I	BITSTRING	('00011110'B)	Progress indicator id type
RI_I	BITSTRING	('01111001'B)	Restart indicator id type
TNS_I	BITSTRING	('01111000'B)	Transit network sel. id type
UUI_I	BITSTRING	('01111110'B)	User-user information id type
SCI	BITSTRING	('10100001'B)	Sending complete type

OPERATION DEFINITION	
OPERATION NAME	TIME(TMAX, TMIN, T: INTEGER)
RESULT TYPE	BOOLEAN
DESCRIPTION	
TIME(TMAX, TMIN, T) returns the Boolean value TRUE if TMIN <= T <= TMAX otherwise it returns the Boolean value FALSE	
For example: TIME(100,90,95) = TRUE TIME(100,90,85) = FALSE	

OPERATION DEFINITION	
OPERATION NAME	INT_TO_BIT(intvalue, slength: INTEGER)
RESULT TYPE	BITSTRING
DESCRIPTION	
INT_TO_BIT(intvalue, slength) This operation converts a single INTEGER value to a single BITSTRING value. The resulting string is slength bits long.	
For example: INT_TO_BIT(7,4) = '0111'B INT_TO_BIT(99,7) = '1100011'B	

OPERATION DEFINITION	
OPERATION NAME	BIT_TO_INT(bitvalue: BITSTRING)
RESULT TYPE	INTEGER
DESCRIPTION	
BIT_TO_INT(bitvalue) This operation converts a single BITSTRING value to a single INTEGER value.	
For example: BIT_TO_INT('0111'B) = 7 BIT_TO_INT('1100011'B) = 99	

TEST SUITE PARAMETERS				
NAME	TYPE	PICS REF.	/PIXIT	COMMENTS
BT301	BOOLEAN	TM1	/ -	mandatory timer T301, if Annex D implemented
BT303	BOOLEAN	TM3	/ -	optional timer T303
BT304	BOOLEAN	TM4	/ -	optional timer T304
BT310	BOOLEAN	TM10	/ -	optional timer T310
BT322	BOOLEAN	TM19	/ -	optional timer T322
T301max	INTEGER	-	/2.1	T301max = Value as specified in the PIXIT + 5%
T301min	INTEGER	-	/2.1	T301min = Value as specified in the PIXIT - 5%
T302max	INTEGER	-	/2.2	T302max = T302 + 5% ; default: 15750 ms
T302min	INTEGER	-	/2.2	T302min = T302 - 5% ; default: 14250 ms
T303max	INTEGER	-	/2.3	T303max = T303 + 5% ; default: 4200 ms
T303min	INTEGER	-	/2.3	T303min = T303 - 5% ; default: 3800 ms
T304max	INTEGER	-	/2.4	T304max = T304 + 5% ; default: 31500 ms
T304min	INTEGER	-	/2.4	T304min = T304 - 5% ; default: 28500 ms
T305max	INTEGER	-	/2.5	T305max = T305 + 5% ; default: 31500 ms
T305min	INTEGER	-	/2.5	T305min = T305 - 5% ; default: 28500 ms
T308max	INTEGER	-	/2.6	T308max = T308 + 5% ; default: 4200 ms
T308min	INTEGER	-	/2.6	T308min = T308 - 5% ; default: 3800 ms
T310max	INTEGER	-	/2.7	T310max = Value as specified in the PIXIT + 5%
T310min	INTEGER	-	/2.7	T310min = Value as specified in the PIXIT - 5%
T313max	INTEGER	-	/2.8	T313max = T313 + 5% ; default: 4200 ms
T313min	INTEGER	-	/2.8	T313min = T313 - 5% ; default: 3800 ms
T316max	INTEGER	-	/2.9	T316max = T316 + 5% ; default: 126 sec
T316min	INTEGER	-	/2.9	T316min = T316 - 5% ; default: 114 sec
T317max	INTEGER	-	/2.10	T317max = Value as specified in the PIXIT + 5%
T322max	INTEGER	-	/2.13	T322max = T322 + 5% ; default: 4200 ms
T322min	INTEGER	-	/2.13	T322min = T322 - 5% ; default: 3800 ms
BCP	BOOLEAN	MT2	/ -	call proceeding implemented
EBS	BOOLEAN	MC1.1	/ -	true, if called party i.e. and SCI i.e.
#		IET4,IET24		included in the SETUP
OVR	BOOLEAN	MC2.2	/ -	overlap receiving implemented
OVS	BOOLEAN	MC1.2	/ -	overlap sending used
BAL	BOOLEAN	MT1	/ -	ALERT PDU implemented
BCA	BOOLEAN	MT5	/ -	CONN_ACK PDU implemented
BNO	BOOLEAN	MT9	/ -	NOTIFY PDU implemented
BPG	BOOLEAN	MT10	/ -	PROGRESS PDU implemented
BCAPV	OCTETSTRING	IS1	/1.1	bearer capability value
IBCAP	OCTETSTRING	IS1	/1.2	incompatible bearer capability value
LIPN	OCTETSTRING	IET4,IER4	/1.6	party number length value
IPN	OCTETSTRING	IET4,IER4	/1.6	party number value
INCOMP_LPN	OCTETSTRING	IER4	/1.7	length value for incomplete party number
INCOMP_PN	OCTETSTRING	IER4	/1.7	incomplete party number value
CDPN_OCTET3	OCTETSTRING	IET4,IER4	/1.6	octet 3 of the called party number,
#				type of number and numbering plan identifier
LLCV	OCTETSTRING	IS4	/1.5	low high layer compatibility value
HLCV	OCTETSTRING	IS3	/1.3	high layer compatibility value
IHLCL1	OCTETSTRING	IS3	/1.4	incompatible high layer compatibility value
CAU_LOC	BITSTRING	IET8	/1.8	octet 3, Bit 4-1 of the cause information
#				element: location (Bitstring[4])
CH_NUM	BITSTRING	IS2.10	/1.9	B-channel number, BITSTRING[7]
SU_LLC	BOOLEAN	IET16	/ -	low layer compat. supported
SU_HLC	BOOLEAN	IET14	/ -	high layer compat. supported
U7_MAINT	BOOLEAN	-	/4.1	STATE U7 maintained
#				true, if U7 > 3s and U7 ability = YES
#				false, if U7 < 3s or U7 ability = NO
U9_MAINT	BOOLEAN	-	/4.2	STATE U9 maintained
#				true, if U9 > 3s and U9 ability = YES
#				false, if U9 < 3s or U9 ability = NO
IBCC	BOOLEAN	SC5.1	/ -	Incoming BC check
IHLCC	BOOLEAN	SC8	/ -	Incoming HLC check
BXCON	BOOLEAN	MT4	/3.1	<IUT!CONN>
BXDIS	BOOLEAN	MT6	/3.2	<IUT!DISC>
BXINF	BOOLEAN	MT8	/3.3	<IUT!INFO>
BXNOT	BOOLEAN	MT9	/3.4	<IUT!NOTIFY>
BXPRO	BOOLEAN	MT10	/3.5	<IUT!PROG>
BXREST	BOOLEAN	MT13	/3.6	<IUT!RESTART>
BXSET	BOOLEAN	MT19	/3.8	<IUT!SETUP>
BXSTQ	BOOLEAN	MT22	/3.9	<IUT!ST_ENQ>

TEST CASE VARIABLES			
NAME	TYPE	VALUE	COMMENTS
C	INTEGER	0	used as retransmission counter
D	INTEGER	0	used to store DISC cause element
T	INTEGER	0	used to store the current time
#			of a running timer
ECV	INTEGER	-1	Expected Cause value
STAT_TRANSM	BOOLEAN	FALSE	used to handle the reception of STATUS PDUs
REST	BOOLEAN	FALSE	used to handle the reception of RESTART PDUs
bch_num	BITSTRING	'B	B-channel used for call, BITSTRING[7]
r_bch_num	BITSTRING	'B	B-channel to be reset, BITSTRING[7]
NOT_FL	INTEGER	0	used to invert flag
IND	INTEGER	0	to store the restart indicator class value
CREF	BITSTRING	'000000000000001'B	call reference value BITSTRING[15]

TIMER DECLARATIONS			
TIMER Name	DURATION	UNITS	COMMENTS
T301MAX	T301max	sec	U4 ALERTING received
T302MAX	T302max	ms	U25 SETUP_ACK sent
T303MAX	T303max	ms	U1 SETUP sent
T304MAX	T304max	ms	U2 INFO sent
T305MAX	T305max	ms	U11 DISC sent (mandatory timer)
T308MAX	T308max	ms	U19 REL sent (mandatory timer)
T308MIN	T308min	ms	U19 REL sent (mandatory timer)
T310MAX	T310max	sec	U3 CALL_PROC received
T313MAX	T313max	ms	U8 CONN sent (mandatory timer)
T316MAX	T316max	sec	REST1 RESTART sent (mandatory timer)
T316MIN	T316min	sec	REST1 RESTART sent (mandatory timer)
T317MAX	T317max	sec	
T321MAX	T321max	ms	any D-channel failure
T322MAX	T322max	ms	any STATUS ENQUIRY sent
TWAIT	189	sec	any LT is waiting for IUT initiated
#			test event
#			(timer used for test synchronisation)
TAC	32	sec	any LT is waiting for IUT initiated
#			test event (2)
#			(timer used for test synchronisation)
TNOAC	2	sec	any LT is controlling IUT inactivity
#			(timer used for test synchronisation)

TEST EVENT ABBREVIATIONS		
ABBREVIATION	EXPANSION	COMMENTS
ALERT	DL_DAT_RQ <MUN ^ ALERT>	ALERT pdu
CALL_PROC	DL_DAT_RQ <MUN ^ CALL_PROC>	CALL_PROC pdu
CALL_PROC_ERROR	DL_DAT_RQ <MUN ^ CALL_PROC_ERROR>	Invalid CALL_PROC pdu
CONN	DL_DAT_RQ <MUN ^ CONN>	CONN pdu
CONN_ERROR	DL_DAT_RQ <MUN ^ CONN_ERROR>	Invalid CONN pdu
CONN_ACK	DL_DAT_RQ <MUN ^ CONN_ACK>	CONN_ACK pdu
CONN_ACK_ERROR	DL_DAT_RQ <MUN ^ CONN_ACK_ERROR>	Invalid CONN_ACK pdu
DISC	DL_DAT_RQ <MUN ^ DISC>	DISC pdu
DISC_ERROR	DL_DAT_RQ <MUN ^ DISC_ERROR>	Invalid DISC pdu
INFO	DL_DAT_RQ <MUN ^ INFO>	INFO pdu
NOTIFY	DL_DAT_RQ <MUN ^ NOTIFY>	NOTIFY pdu
PROG	DL_DAT_RQ <MUN ^ PROG>	PROG pdu
REL	DL_DAT_RQ <MUN ^ REL>	REL pdu
REL_ERROR	DL_DAT_RQ <MUN ^ REL_ERROR>	Invalid REL pdu
REL_COM	DL_DAT_RQ <MUN ^ REL_COM>	REL_COM pdu
REL_COM_ERROR	DL_DAT_RQ <MUN ^ REL_COM_ERROR>	Invalid REL_COM pdu
RESTART	DL_DAT_RQ <MUN ^ RESTART>	RESTART pdu
RESTART_ERROR	DL_DAT_RQ <MUN ^ RESTART_ERROR>	Invalid RESTART pdu
RESTART_ACK	DL_DAT_RQ <MUN ^ RESTART_ACK>	RESTART_ACK pdu
RESTART_ACK_ERROR	DL_DAT_RQ <MUN ^ RESTART_ACK_ERROR>	Invalid RESTART_ACK pdu
SETUP	DL_DAT_RQ <MUN ^ SETUP>	SETUP via point-to-point
SETUP_ERROR	DL_DAT_RQ <MUN ^ SETUP_ERROR>	Invalid SETUP via point-to-point
SETUP_ACK	DL_DAT_RQ <MUN ^ SETUP_ACK>	SETUP_ACK pdu
STATUS	DL_DAT_RQ <MUN ^ STATUS>	STATUS pdu
ST_ENQ	DL_DAT_RQ <MUN ^ ST_ENQ>	ST_ENQ pdu
ERR_SHORT	DL_DAT_RQ <MUN ^ ERR_SHORT>	ERROR pdu
ALERTr	DL_DAT_IN <MUN ~ ALERT>	ALERT pdu
CALL_PROCr	DL_DAT_IN <MUN ~ CALL_PROC>	CALL_PROC pdu
CONNr	DL_DAT_IN <MUN ~ CONN>	CONN pdu
CONN_ACKr	DL_DAT_IN <MUN ~ CONN_ACK>	CONN_ACK pdu
DISCr	DL_DAT_IN <MUN ~ DISC>	DISC pdu
INFOr	DL_DAT_IN <MUN ~ INFO>	INFO pdu
Q932_MSGr	DL_DAT_IN <MUN ~ Q932_MSG>	Q932 pdu
NOTIFYr	DL_DAT_IN <MUN ~ NOTIFY>	NOTIFY pdu
PROGr	DL_DAT_IN <MUN ~ PROG>	PROG pdu
RELr	DL_DAT_IN <MUN ~ REL>	REL pdu
REL_COMr	DL_DAT_IN <MUN ~ REL_COM>	REL_COM pdu
RESTARTr	DL_DAT_IN <MUN ~ RESTART>	RESTART pdu
RESTART_ACKr	DL_DAT_IN <MUN ~ RESTART_ACK>	RESTART_ACK pdu
SETUPr	DL_DAT_IN <MUN ~ SETUP>	SETUP pdu
SETUP_ACKr	DL_DAT_IN <MUN ~ SETUP_ACK>	SETUP_ACK pdu
STATUSr	DL_DAT_IN <MUN ~ STATUS>	STATUS pdu
ST_ENQr	DL_DAT_IN <MUN ~ ST_ENQ>	ST_ENQ pdu

PCO DECLARATIONS			
NAME	TYPE	ROLE	COMMENTS
L	SAP	LT	SAP at the lower tester controlling and observing the exchange of call control PDUs (messages) on the ISDN layer 3 D-channel.
#			The lower tester is the user of the data link layer service.
#			
#			
#			

ASP DECLARATION		
ASP NAME DL_EST_RQ (DL_ESTABLISH_Request)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCl: = (SAPI,TEI) ASP is used to request the es- tablishment of multiple frame operation (L3 ---> L2)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME DL_EST_IN (DL_ESTABLISH_Indication)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCl: = (SAPI,TEI) ASP is used to indicate the es- tablishment of multiple frame operation (L2 ---> L3)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME DL_EST_CO (DL_ESTABLISH_Confirm)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCl: = (SAPI,TEI) ASP is used to confirm the es- tablishment of multiple frame operation (L2 ---> L3)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME DL_REL_RQ (DL_RELEASE_Request)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCl: = (SAPI,TEI) ASP is used to request the ter- mination of an established mul- tiple frame operation (L3 ---> L2)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME DL_REL_IN (DL_RELEASE_Indication)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCl: = (SAPI,TEI) ASP is used to indicate the ter- mination of an established mul- tiple frame operation or to re- port an unsuccessful establish- ment attempt (L2 ---> L3)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME DL_REL_CO (DL_RELEASE_Confirm)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCl: = (SAPI,TEI) ASP is used to confirm the ter- mination of an established mul- tiple frame operation (L2 ---> L3)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS

ASP DECLARATION		
ASP NAME DL_DAT_RQ (DL_DATA_Request)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to request the transmission of layer-3 pdus (L3 ---> L2)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS
MUN (Message Unit) # #	OCTETSTRING	contains network layer (peer-to-peer message) pdu. acknowledged operation used.

ASP DECLARATION		
ASP NAME DL_DAT_IN (DL_DATA_Indication)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to indicate the re- ceipt of layer-3 pdus (L2 ---> L3)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS
MUN (Message Unit) # #	OCTETSTRING	contains network layer (peer-to-peer message) pdu. acknowledged operation used.

ASP DECLARATION		
ASP NAME DL_UDAT_RQ (DL_UNIT_DATA-Request)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to request the transmission of layer-3 pdus using unacknowledged operation (L3 ---> L2)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS
MUN (Message Unit) # # # # # #	OCTETSTRING	contains network layer (peer-to-peer message) pdu. Unacknowledged operation is only used on basic access interface structures to provide point-to-multipoint operation.

ASP DECLARATION		
ASP NAME DL_UDAT_IN (DL_UNIT_DATA_Indication)	PCO TYPE SAP	COMMENTS CEId: = (SAPI,CES) mapped onto DLCI: = (SAPI,TEI) ASP is used to indicate the re- ceipt of layer-3 pdus using unacknowledged operation (L3 ---> L2)
SERVICE CONTROL INFORMATION		
PARAMETER NAME	TYPE	COMMENTS
MUN (Message Unit) # #	OCTETSTRING	contains network layer (peer-to-peer message) pdu. Unacknowledged operation used.

PDU TYPE DECLARATION		
PDU NAME ALERT	PCO TYPE SAP	COMMENTS ALERTing u <-> n Ref. to Recommendation:3.1.1
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..5]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
UUI	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS The CHI parameter is mandatory if this message is the first message in response to a SETUP PDU unless the user accepts the specified B-channel in the SETUP PDU.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
CALL_PROC	SAP	CALL PROCeeding u <-> n local Ref. to Recommendation:3.1.2
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..5]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		
The CHI parameter is mandatory if this message is the first message in response to a SETUP PDU unless the user accepts the specified B-channel in the SETUP PDU.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
CALL_PROC	SAP	CALL PROCeeding u <-> n local Ref. to Recommendation:3.1.2
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..5]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		
The CHI parameter is mandatory if this message is the first message in response to a SETUP PDU unless the user accepts the specified B-channel in the SETUP PDU.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
CALL_PROC_ERROR	SAP	Invalid CALL PROCeeding
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
EFAC	GROUP	extended facility
CHI	GROUP	channel identification
FAC	GROUP	facility
PI	GROUP	progress indicator
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
PI_2	GROUP	2nd progress indicator
DSP_2	GROUP	2nd display (n ->u)
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME CONN	PCO TYPE SAP	COMMENTS CONNECT u <-> n Ref. to Recommendation:3.1.4
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..5]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
CODN	GROUP	connected number O OCTETSTRING[2..24]
CODS	GROUP	connected subaddress O OCTETSTRING[2..24]
LLC	OCTETSTRING[0..16]	low layer compatib. O
UUI	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS		
The CHI parameter is mandatory if this message is the first message in response to a SETUP PDU unless the user accepts the specified B-channel in the SETUP PDU.		

PDU TYPE DECLARATION		
PDU NAME CONN_ERROR	PCO TYPE SAP	COMMENTS Invalid CONNect
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
EFAC	GROUP	extended facility
CHI	GROUP	channel identification
FAC	GROUP	facility]
PI	GROUP	progress indicator]
NOID	GROUP	notification indicator
DSP	GROUP	2nd display (n ->u)
PI_2	GROUP	2nd progress indicator]
DSP_2	GROUP	display (n ->u)
CODN	GROUP	connected number
CODS	GROUP	connected subaddress
LLC	OCTETSTRING[0..16]	low layer compatib.
UUI	GROUP	user-user information
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME CONN_ACK	PCO TYPE SAP	COMMENTS CONNect ACKnowledge u <-> n local Ref. to Recommendation:3.1.5
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..5]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
CONN_ACK_ERROR	SAP	Invalid CONNect ACKnowledge
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
EFAC	GROUP	extended facility
CHI	GROUP	channel identification
FAC	GROUP	facility
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
DSP_2	GROUP	2nd display (n ->u)
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
DISC	SAP	DISConnect u <-> n Ref. to Recommendation:3.1.6
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause O OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
UUI	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
DISC_ERROR	SAP	Invalid DISConnect
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
CAU	GROUP	cause
CAU_2	GROUP	2nd cause
EFAC	GROUP	extended facility
FAC	GROUP	facility
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
PI	GROUP	progress indicator
DSP_2	GROUP	2nd display (n ->u)
UUI	GROUP	user-user information
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
INFO	SAP	INFORmation u <-> n local Ref. to Recommendation:3.1.8
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
SCI	SCI	sending complete information O BITSTRING[8]
CAU	GROUP	cause O OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
KPF	GROUP	keypad facility (n ->u) O OCTETSTRING[2..34]
CDPN	GROUP	called party number O OCTETSTRING[2..23]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME NOTIFY	PCO TYPE SAP	COMMENTS NOTIFY u <-> n access Ref. to Recommendation:3.1.9
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
NOID	GROUP	notification indicator M OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME PROG	PCO TYPE SAP	COMMENTS PROGress u <-> n Ref. to Recommendation:3.1.10
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause O OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator M OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
UII	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME Q932_MSG	PCO TYPE SAP	COMMENTS u -> n Ref. to Recommendation:Q.932
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[2..3]
MT	Q932_MT_LIST	message type M BITSTRING[8]
IE_LIST	OCTETSTRING	information elements O
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME REL	PCO TYPE SAP	COMMENTS RELease u <-> n local Ref. to Recommendation:3.1.11
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause C OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
UII	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS This PDU has global significance when used as the first clearing PDU. The CAU parameter is mandatory if the REL PDU is the first clearing PDU or if the REL PDU is sent as a result of timer T305 expiry.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
REL_ERROR	SAP	Invalid Release
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
DSP_0	GROUP	display out of sequence
CAU	GROUP	cause
CAU_2	GROUP	2nd cause
EFAC	GROUP	extended facility
FAC	GROUP	facility
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
DSP_2	GROUP	2nd display (n ->u)
UII	GROUP	user-user information
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
REL_COM	SAP	RElease COMplete u <-> n local Ref. to Recommendation:3.1.12
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause C OCTETSTRING[2..32]
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
FAC	GROUP	facility O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
UII	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS		
This PDU has global significance when used as the first clearing PDU. The CAU parameter is mandatory if the REL PDU is the first clearing PDU or if the REL PDU is sent as a result of timer T305 expiry.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
REL_COM_ERROR	SAP	Invalid RElease COMplete
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
DSP_0	GROUP	display out of sequence
CAU	GROUP	cause
CAU_2	GROUP	2nd cause
EFAC	GROUP	extended facility
FAC	GROUP	facility
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
DSP_2	GROUP	2nd display (n ->u)
UII	GROUP	user-user information
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
RESTART	SAP	RESTART u <-> n local Ref. to Recommendation:3.4.1
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
CHI	GROUP	channel identification O OCTETSTRING[2..5]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
RI	GROUP	restart indicator O OCTETSTRING[3]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
RESTART_ERROR	SAP	Invalid RESTART
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
CHI	GROUP	channel identification
CHI_2	GROUP	2nd channel identification
RI_0	GROUP	restart indicator out of sequence
DSP	GROUP	display (n ->u)
DSP_2	GROUP	2nd display (n ->u)
RI	GROUP	restart indicator
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
RESTART_ACK	SAP	RESTART ACKnowledge u <-> n local Ref. to Recommendation:3.4.2
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
CHI	GROUP	channel identification O OCTETSTRING[2..5]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
RI	GROUP	restart indicator O OCTETSTRING[3]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
RESTART_ACK_ERROR	SAP	Invalid RESTART ACKnowledge
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
CHI	GROUP	channel identification
CHI_2	GROUP	2nd channel identification
RI_0	GROUP	restart indicator out of sequence
DSP	GROUP	display (n ->u)
DSP_2	GROUP	2nd display (n ->u)
RI	GROUP	restart indicator
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
SETUP	SAP	SETUP u <-> n Ref. to Recommendation:3.1.16
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
SCI	SCI	sending compl. information O BITSTRING[8]
BCAP	OCTETSTRING[4..13]	bearer capab. n ->u M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..5]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NSF	GROUP	net. specific facil. O OCTETSTRING[2..254]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
KPF	GROUP	keypad facility n ->u O OCTETSTRING[2..34]
CGPN	GROUP	calling party number O OCTETSTRING[2..24]
CGPS	GROUP	calling party subaddr. O OCTETSTRING[2..23]
CDPN	GROUP	called party number O OCTETSTRING[2..24]
CDPS	GROUP	called party subaddr. O OCTETSTRING[2..23]
TNS	GROUP	transit net. select. O OCTETSTRING[2..254]
LLC	OCTETSTRING[0..16]	low layer compatib. O
HLC	OCTETSTRING[0..4]	high layer compat. O
UUI	GROUP	user-user information O OCTETSTRING[2..131]
EXTENDED COMMENTS		
The SCI parameter may appear at any point in the message.		
The CHI parameter is mandatory in the direction n->u. When not included, it is interpreted as "any channel acceptable".		

PDU TYPE DECLARATION		
PDU NAME	PCO TYPE	COMMENTS
SETUP_ERROR	SAP	Invalid SETUP
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
CR_ERR	GROUP	erroneous call reference
MT	BITSTRING[8]	message type
UE	GROUP	unrecognized information element
SCI	SCI	sending compl. information
BCAP	OCTETSTRING[4..13]	bearer capab. n ->u
EFAC	GROUP	extended facility
CHI	GROUP	channel identification
BCAP_2	OCTETSTRING[4..13]	bearer capab. out of sequence
FAC	GROUP	facility
PI	GROUP	progress indicator
PI_2	GROUP	2nd progress indicator
NSF	GROUP	net. specific facil.
NOID	GROUP	notification indicator
DSP	GROUP	display (n ->u)
DSP_2	GROUP	2nd display (n ->u)
KPF	GROUP	keypad facility n ->u
CGPN	GROUP	calling party number
CGPS	GROUP	calling party subaddr.
CDPN	GROUP	called party number
PI_3	GROUP	progress indicator out of sequence
CDPS	GROUP	called party subaddr.
TNS	GROUP	transit net. select.
LLC	OCTETSTRING[0..16]	low layer compatib.
HLC	OCTETSTRING[0..4]	high layer compat.
UUI	GROUP	user-user information
EXTENDED COMMENTS		
The parameters of this PDU type may contain invalid values.		

PDU TYPE DECLARATION		
PDU NAME SETUP_ACK	PCO TYPE SAP	COMMENTS SETUP ACKnowledge u <-> n local Ref. to Recommendation:3.1.17
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
EFAC	GROUP	extended facility O OCTETSTRING[2..254]
CHI	GROUP	channel identification C OCTETSTRING[2..5]
FAC	GROUP	facility O OCTETSTRING[2..254]
PI	GROUP	progress indicator O OCTETSTRING[2..4]
NOID	GROUP	notification indicator O OCTETSTRING[2..254]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS The CHI parameter is mandatory in all cases except when the user accepts the specified B-channel.		

PDU TYPE DECLARATION		
PDU NAME STATUS	PCO TYPE SAP	COMMENTS STATUS u <-> n local Ref. to Recommendation:3.1.18
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
CAU	GROUP	cause M OCTETSTRING[2..32]
CST	GROUP	call state M OCTETSTRING[3]
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME ST_ENQ	PCO TYPE SAP	COMMENTS Status_ENQuiry u <-> n local Ref. to Recommendation:3.1.19
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator M
CR	GROUP	call reference M OCTETSTRING[3]
MT	BITSTRING[8]	message type M
DSP	GROUP	display (n ->u) O OCTETSTRING[2..34]
EXTENDED COMMENTS		

PDU TYPE DECLARATION		
PDU NAME ERR_SHORT	PCO TYPE SAP	COMMENTS Invalid PDU
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PD	BITSTRING[8]	protocol discriminator
CR	GROUP	call reference
MT	BITSTRING[8]	message type
EXTENDED COMMENTS The parameters of this PDU type may contain invalid values.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME CAU		COMMENTS Info Element CAUse 4.5.12
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CAU_I	CAU_I	Identifier
CAU_L	BITSTRING[8]	Length
CAU_E3_EB	BITSTRING[1]	Extension bit
CAU_E3_CS	BITSTRING[3]	Coding standard and spare bit
CAU_E3_LOC	BITSTRING[4]	Location
CAU_E3A	BITSTRING[8]	Recommendation
CAU_E4_EB	BITSTRING[1]	Extension bit
CAU_E4_CV	BITSTRING[7]	Cause value
CAU_DI	OCTETSTRING[1..28]	Diagnostics
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CAU_2	COMMENTS Info Element CAUse 4.5.12
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CAU_2I	CAU_I	Identifier
CAU_2L	BITSTRING[8]	Length
CAU_2E3_EB	BITSTRING[1]	Extension bit
CAU_2E3_CS	BITSTRING[3]	Coding standard and spare bit
CAU_2E3_LOC	BITSTRING[4]	Location
CAU_2E3A	BITSTRING[8]	Recommendation
CAU_2E4_CV	BITSTRING[7]	Cause value
CAU_2DI	OCTETSTRING[1..28]	Diagnostics
EXTENDED COMMENTS This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CDPN	COMMENTS Info Element Called Party Number 4.5.8
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CDPN_I	CDPN_I	Identifier
CDPN_L	OCTETSTRING[1]	Length
CDPN_E3_NPI	OCTETSTRING[1]	Numbering plan id.
CDPN_E4_ND	OCTETSTRING[1..20]	Number digits
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CDPS	COMMENTS Info Element Called Party Subaddress 4.5.9
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CDPS_I	CDPS_I	Identifier
CDPS_L	OCTETSTRING[1]	Length
CDPS_E3_TOS	BITSTRING[8]	Type of subaddress
CDPS_E4_SI	OCTETSTRING[1..20]	Subaddress information
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CGPN	COMMENTS Info Element Calling Party Number 4.5.10
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CGPN_I	CGPN_I	Identifier
CGPN_L	OCTETSTRING[1]	Length
CGPN_E3_TON	BITSTRING[4]	Type of number
CGPN_E3_NPI	BITSTRING[4]	Numbering plan id.
CGPN_E4_PI	BITSTRING[3]	Presentation indicator
CGPN_E4_SI	BITSTRING[5]	Screening indicator
CGPN_E5_ND	OCTETSTRING[1..20]	Number digits
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CGPS	COMMENTS Info Element Calling Party Subaddress 4.5.11
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CGPS_I	CGPS_I	Identifier
CGPS_L	OCTETSTRING[1]	Length
CGPS_E3_TOS	BITSTRING[4]	Type of subaddress
CGPS_E3_OEI	BITSTRING[1]	Odd/even indicator
CGPS_E3_SP	BITSTRING[3]	Spare
CGPS_E4_SI	OCTETSTRING[1..20]	Subaddress information
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CHI	COMMENTS Info Element CHannel Identification 4.5.13
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CHI_I	CHI_I	Identifier
CHI_L	BITSTRING[8]	Length
CHI_E3_P1	BITSTRING[4]	First nibble of Channel selection
CHI_E3_PE	BITSTRING[1]	Preferred/Exclusive Bit
CHI_E3_P3	BITSTRING[3]	Last three bit of Channel selection
CHI_E4	BITSTRING[8]	Channel type
CHI_E5_CH1	BITSTRING[1]	Fixed value
CHI_E5_CH2	BITSTRING[7]	Channel number
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CHI_2	COMMENTS Info Element CHannel Identification 4.5.13
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CHI_2I	CHI_I	Identifier
CHI_2L	BITSTRING[8]	Length
CHI_2E3_P1	BITSTRING[4]	First nibble of Channel selection
CHI_2E3_PE	BITSTRING[1]	Preferred/Exclusive Bit
CHI_2E3_P3	BITSTRING[3]	Last three bit of Channel selection
CHI_2E4	BITSTRING[8]	Channel type
CHI_2E5_CH1	BITSTRING[1]	Fixed value
CHI_2E5_CH2	BITSTRING[7]	Channel number
EXTENDED COMMENTS This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CODN	COMMENTS Info Element Connected Number ETS 300 097 7.1
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CODN_I	CODN_I	Identifier
CODN_L	OCTETSTRING[1]	Length
CODN_E3_TON	BITSTRING[4]	Type of number
CODN_E3_NPI	BITSTRING[4]	Numbering plan id.
CODN_E3_PI	BITSTRING[3]	Presentation indicator
CODN_E3_SI	BITSTRING[5]	Screening indicator
CODN_E4_ND	OCTETSTRING[1..20]	Number digits
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CODS	COMMENTS Info Element Connected Subaddress ETS 300 097 7.2
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CODS_I	CODS_I	Identifier
CODS_L	OCTETSTRING[1]	Length
CODS_E3_TOS	BITSTRING[4]	Type of subaddress
CODS_E3_OEI	BITSTRING[1]	Odd/even indicator
CODS_E3_SP	BITSTRING[3]	Spare
CODS_E4_ND	OCTETSTRING[1..20]	Number digits
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CR	COMMENTS Call Reference 4.3
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CR_L	BITSTRING[8]	Length
CR_F	BITSTRING[1]	Flag
CR_R	BITSTRING[15]	Call reference value
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CR_ERR	COMMENTS Call Reference invalid (length > 3 octets)
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CR_ERR_L	BITSTRING[8]	Length
CR_ERR_F	BITSTRING[1]	Flag
CR_ERR_R	BITSTRING[7]	Call reference value or empty
CR_ERR_R2	BITSTRING[1]	Filling bit
CR_ERR_R3	BITSTRING[15]	Call reference value
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	CST	COMMENTS Info Element Call State 4.5.7
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
CST_I	CST_I	Identifier
CST_L	BITSTRING[8]	Length
CST_CS	BITSTRING[2]	Coding standard
CST_CSV	BITSTRING[6]	Call state value
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	DSP	COMMENTS Info Element Display 4.5.15
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
DSP_I	DSP_I	Identifier
DSP_L	BITSTRING[8]	Length
DSP_DI	OCTETSTRING[0..32]	Display information
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	DSP_0	COMMENTS Info Element Display 4.5.15
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
DSP_0I	DSP_I	Identifier
DSP_0L	BITSTRING[8]	Length
DSP_0DI	OCTETSTRING[0..32]	Display information
EXTENDED COMMENTS This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	DSP_2	COMMENTS Info Element Display 4.5.15
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
DSP_2I	DSP_I	Identifier
DSP_2L	BITSTRING[8]	Length
DSP_2DI	OCTETSTRING[0..32]	Display information
EXTENDED COMMENTS This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	EFAC	COMMENTS Extended FACility ETS 300 196 11.2.2.4
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
EFAC_I	EFAC_I	Identifier
EFAC_L	OCTETSTRING[2..250]	Length
EFAC_SD	BITSTRING[8]	Service discriminator
EFAC_COMP	OCTETSTRING[0..250]	Components
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	FAC	COMMENTS FACility 4.6.2
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
FAC_I	FAC_I	Identifier
FAC_L	BITSTRING[8]	Length
FAC_SD	BITSTRING[8]	Service discriminator
FAC_COMP	OCTETSTRING[0..251]	Components
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	KPF	COMMENTS Info Element KeyPad Facility 4.5.17
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
KPF_I	KPF_I	Identifier
KPF_L	BITSTRING[8]	Length
KPF_KI	OCTETSTRING[0..32]	Keypad information
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	NSF	COMMENTS Info Element Network-Specific Facilities 4.5.20
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
NSF_I	NSF_I	Identifier
NSF_L	BITSTRING[8]	Length
NSF_LNI	BITSTRING[8]	Length of network identification
NSF_TONI	BITSTRING[4]	Type of network identification
NSF_NIP	BITSTRING[4]	Network identification plan
NSF_NI	OCTETSTRING[0..125]	Network identification
NSF_NSFS	OCTETSTRING[0..125]	Network-specific facility specification
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	NOID	COMMENTS Info Element NOTification InDIcator 4.5.21
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
NOID_I	NOID_I	Identifier
NOID_L	BITSTRING[8]	Length
NOID_E3_ND	OCTETSTRING[0..252]	Notification description
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	PI	COMMENTS Info Element Progress Indicator 4.5.22
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PI_I	PI_I	Identifier
PI_L	BITSTRING[8]	Length
PI_E3_LOC	BITSTRING[8]	Location
PI_E4_FV	BITSTRING[1]	Fixed value '1'B
PI_E4_PD	BITSTRING[7]	Progress description
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	PI_2	COMMENTS Info Element Progress Indicator 4.5.22
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PI_2I	PI_I	Identifier
PI_2L	BITSTRING[8]	Length
PI_2E3_LOC	BITSTRING[8]	Location
PI_2E4_FV	BITSTRING[1]	Fixed value '1'B
PI_2E4_PD	BITSTRING[7]	Progress description
EXTENDED COMMENTS This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	PI_3	COMMENTS Info Element Progress Indicator 4.5.22
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
PI_3I	PI_I	Identifier
PI_3L	BITSTRING[8]	Length
PI_3E3_LOC	BITSTRING[8]	Location
PI_3E4_FV	BITSTRING[1]	Fixed value '1'B
PI_3E4_PD	BITSTRING[7]	Progress description
EXTENDED COMMENTS This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	RI	COMMENTS Info Element Restart Indicator 4.5.24
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
RI_I	RI_I	Identifier
RI_L	BITSTRING[8]	Length
RI_CL	BITSTRING[5]	Fixed value '10000'B
RI_CL1	BITSTRING[3]	Class
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	RI_0	COMMENTS Info Element Restart Indicator 4.5.24
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
RI_0I	RI_I	Identifier
RI_0L	BITSTRING[8]	Length
RI_0CL	BITSTRING[5]	Fixed value '10000'B
RI_0CL1	BITSTRING[3]	Class
EXTENDED COMMENTS This PDU field group is used in ERROR PDUs to allow duplicated information elements and information elements out of sequence.		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	TNS	COMMENTS Info Element Transit Network Selection 4.5.28
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
TNS_I	TNS_I	Identifier
TNS_L	BITSTRING[8]	Length
TNS_TONI	BITSTRING[4]	Type of network identification
TNS_NIP	BITSTRING[4]	Network identification plan
TNS_NI	OCTETSTRING[0..251]	Network identification
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	UE	COMMENTS Unrecognized optional info Element
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
UE_UEI	BITSTRING[8]	Identifier
UE_L	BITSTRING[8]	Length
UE_C	BITSTRING[8]	Contents
EXTENDED COMMENTS		

PDU FIELD GROUP TYPE DECLARATION		
FIELD GROUP NAME	UUI	COMMENTS Info Element User-user 4.5.29
PDU FIELD INFORMATION		
FIELD NAME	TYPE	COMMENTS
UUI_I	UUI_I	Identifier
UUI_L	BITSTRING[8]	Length
UUI_PD	BITSTRING[8]	Protocol discriminator
UUI_UIC	OCTETSTRING[0..128]	User information
EXTENDED COMMENTS		

B.3 Constraints part

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ALERT (ALERTING)	AL1(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
MT	'00000001'B
EFAC	*
CHI	*
FAC	*
PI	*
NOID	*
DSP	-
UII	*
COMMENTS Receive PDU with "don't care" values; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ALERT (ALERTING)	AL2(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
MT	'00000001'B
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
UII	-
COMMENTS Send PDU without optional parameters; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC (CALL PROCEEDING)	CP1(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
MT	'00000010'B
EFAC	*
CHI	*
FAC	*
PI	*
NOID	*
DSP	-
COMMENTS Receive PDU with "don't care" values; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC (CALL PROCEEDING)	CP2(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
MT	'00000010'B
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC (CALL PROCEEDING)	CP3(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
MT	'00000010'B
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN (CONNECT)	CN1(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
MT	'00000111'B
EFAC	*
CHI	*
FAC	*
PI	*
NOID	*
DSP	-
CODN	*
CODS	*
LLC	*
UUI	*
COMMENTS Receive PDU with "don't care" values; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; LLC optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN (CONNECT)	CN2 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17 (CALL_REF)
MT	'00000111'B
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Send PDU without optional parameters;	
CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel;	
PI is used in connection with interworking or in band information patterns; optional parameter;	
DSP optional LT parameter; no IUT parameter;	
LLC optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN (CONNECT)	CN3 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
MT	'00000111'B
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Send PDU without optional parameters;	
CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel;	
PI is used in connection with interworking or in band information patterns; optional parameter;	
DSP optional LT parameter; no IUT parameter;	
LLC optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK (CONNECT ACKNOWLEDGE)	CA1 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
MT	'00001111'B
EFAC	*
CHI	-
FAC	*
NOID	*
DSP	-
COMMENTS	
Receive PDU Receive PDU with "don't care" values;	
CHI available for supplementary services (n--->u);	
DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK (CONNECT ACKNOWLEDGE)	CA2 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
MT	'00001111'B
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; CHI available for supplementary services (n--->u); DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK (CONNECT ACKNOWLEDGE)	CA3 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17 (CALL_REF)
MT	'00001111'B
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; CHI available for supplementary services (n--->u); DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC (DISCONNECT)	DI1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01000101'B
CAU	CAU1
EFAC	*
FAC	*
PI	-
NOID	*
DSP	-
UUI	*
COMMENTS Receive PDU with "don't care" values; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC (DISCONNECT)	DI2 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01000101'B
CAU	CAU2 (CVAL)
EFAC	-
FAC	-
PI	-
NOID	-
DSP	-
UUI	-
COMMENTS Send PDU without optional parameters; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC (DISCONNECT)	DI3 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01000101'B
CAU	CAU4 (CVAL)
EFAC	*
FAC	*
PI	-
NOID	*
DSP	-
UUI	*
COMMENTS Receive PDU with "don't care" values; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
INFO (INFORMATION)	IN1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01111011'B
SCI	*
CAU	-
EFAC	*
FAC	*
NOID	*
DSP	-
KPF	*
CPDN	*
COMMENTS Receive PDU with "don't care" values; The SCI parameter may appear at any point in the message DSP optional LT parameter; no IUT parameter; CPDN optional LT and IUT parameter used during overlap procedures;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
INFO (INFORMATION)	IN2 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01111011'B
SCI	-
CAU	-
EFAC	-
FAC	-
NOID	-
DSP	-
KPF	-
CPDN	-
COMMENTS Send PDU without optional parameters; DSP optional LT parameter; no IUT parameter; CPDN optional LT and IUT parameter used during overlap procedures;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
INFO (INFORMATION)	IN3 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01111011'B
SCI	'10100001'B
CAU	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
KPF	-
CDPN	CDPN1
COMMENTS Send PDU with optional parameters; DSP optional LT parameter; no IUT parameter; CPDN optional LT and IUT parameter used during overlap procedures;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
INFO (INFORMATION)	IN4 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR32 (CALL_REF)
MT	'01111011'B
SCI	*
CAU	-
EFAC	*
FAC	*
NOID	*
DSP	-
KPF	*
CDPN	*
COMMENTS Receive PDU with "don't care" values; The SCI parameter may appear at any point in the message DSP optional LT parameter; no IUT parameter; CPDN optional LT and IUT parameter used during overlap procedures;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
Q932_MSG	MSG (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR32 (CALL_REF)
MT	?
IE_LIST	*
COMMENTS Receive PDU with a valid CREF. Used for test cases where PDUs must be absorbed by the tester;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
NOTIFY (NOTIFY)	NO1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01101110'B
NOID	NOID1
DSP	-
COMMENTS Receive PDU with "don't care" values in NOID; NOID mandatory LT and IUT parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
NOTIFY (NOTIFY)	NO2 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01101110'B
NOID	NOID2
DSP	-
COMMENTS Send PDU without optional parameters; NOID mandatory LT and IUT parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
NOTIFY (NOTIFY)	NO3 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR32 (CALL_REF)
MT	'01101110'B
NOID	NOID1
DSP	-
COMMENTS Receive PDU with "don't care" values in CR and NOID; NOID mandatory LT and IUT parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
PROG (PROGRESS)	PG1 (CALL_REF: BITSTRING; PROGDES: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17 (CALL_REF)
MT	'00000011'B
CAU	*
EFAC	*
FAC	*
PI	PI1 (PROGDES)
NOID	*
DSP	-
UII	-
COMMENTS Receive PDU with "don't care" values; CAU optional LT and IUT parameter; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
PROG (PROGRESS)	PG2 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17 (CALL_REF)
MT	'00000011'B
CAU	-
EFAC	-
FAC	-
PI	PI2
NOID	-
DSP	-
UII	-
COMMENTS Send PDU without optional parameters; CAU optional LT and IUT parameter; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL (RELEASE)	RL1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01001101'B
CAU	*
EFAC	*
FAC	*
NOID	*
DSP	-
UUI	*
COMMENTS Receive PDU with "don't care" values; CAU optional LT and IUT parameter; mandatory if REL is 1st clearing PDU or as a result of T305 expiry; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL (RELEASE)	RL2 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01001101'B
CAU	CAU4 (CVAL)
EFAC	*
FAC	*
NOID	*
DSP	-
UUI	*
COMMENTS Receive PDU with "don't care" values; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL (RELEASE)	RL3 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01001101'B
CAU	CAU2 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
UUI	-
COMMENTS Send PDU with optional parameters; CAU optional LT and IUT parameter; mandatory if REL is 1st clearing PDU or as a result of T305 expiry; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM (RELEASE COMPLETE)	RC1 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01011010'B
CAU	*
EFAC	*
FAC	*
NOID	*
DSP	-
UUI	*
COMMENTS Receive PDU with "don't care" values; CAU optional LT and IUT parameter; mandatory in the 1st clearing message; DSP optional LT parameter; no IUT parameter; UUI optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM (RELEASE COMPLETE)	RC2 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01011010'B
CAU	CAU2 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
UII	-
COMMENTS Send PDU without optional parameters; FLAG and CVAL are used as constraints parameter; RC2 (FLAG, CVAL); CAU optional LT and IUT parameter; mandatory in the 1st clearing message; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM (RELEASE COMPLETE)	RC3 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01011010'B
CAU	CAU4 (CVAL)
EFAC	*
FAC	*
NOID	*
DSP	-
UII	*
COMMENTS Receive PDU with "don't care" values; DSP optional LT parameter; no IUT parameter; UII optional LT and IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART	RST1 (FLAG: INTEGER; CLV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01000110'B
CHI	-
DSP	-
RI	RI1 (CLV)
COMMENTS Receive PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART	RST2 (FLAG: INTEGER; BCH: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01000110'B
CHI	CHI5 (BCH)
DSP	-
RI	RI4
COMMENTS Send PDU with optional parameter CHI; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART	RST3 (FLAG: INTEGER; CLV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01001110'B
CHI	CHI8
DSP	-
RI	RI1 (CLV)
COMMENTS Receive PDU with "don't care" values in CHI; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK	RSA1 (FLAG: INTEGER; CLV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01001110'B
CHI	-
DSP	-
RI	RI1 (CLV)
COMMENTS Receive PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK	RSA2 (FLAG: INTEGER; BCH: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01001110'B
CHI	CHI5 (BCH)
DSP	-
RI	RI4
COMMENTS Receive PDU with optional parameter CHI; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK	RSA3 (FLAG: INTEGER; CLV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01001110'B
CHI	CHI8
DSP	-
RI	RI1 (CLV)
COMMENTS Receive PDU with "don't care" values in CHI; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK	RSA4 (FLAG: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01001110'B
CHI	-
DSP	-
RI	RI3
COMMENTS Receive PDU with "don't care" values in RI; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK	RSA5 (FLAG: INTEGER; CLV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01001110'B
CHI	-
DSP	-
RI	RI1 (CLV)
COMMENTS	
Send PDU without optional parameters that indicates 'all interfaces' or 'single interface'; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU1
FIELD NAME	VALUE
PD	'00001000'B
CR	CR21
MT	'00000101'B
SCI	*
BCAP	?
EFAC	*
CHI	*
FAC	*
PI	*
NSF	*
NOID	*
DSP	-
KPF	*
CGPN	*
CGPS	*
CDPN	*
CDPS	*
TNS	*
LLC	*
HLC	*
UUI	*
COMMENTS	
Receive PDU with "don't care" values; The SCI parameter may appear at any point in the message DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU2 (CALL_REF: BITSTRING; BCH: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
MT	'00000101'B
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI5 (BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
Send PDU with optional parameters SCI and CDPN; BCAPV is used as test suite parameter; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU3(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
MT	'00000101'B
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	CDPN1
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU with optional parameters and CDPN; BCAPV is used as test suite parameter; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU4(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
MT	'00000101'B
SCI	'10100001'B
BCAP	IBCAP
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	CDPN1
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU with incompatible BCAP element; IBCAP is used as test suite parameter; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU5(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
MT	'00000101'B
SCI	'10100001'B
BCAPV	BCAPV
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	CPDN1
CDPS	-
TNS	-
LLC	LLCV
HLC	IHLC1
UUI	-
COMMENTS Send PDU with incompatible HLC element; BCAPV, LLCV and IHLC1 are used as test suite parameters; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU6(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
MT	'00000101'B
SCI	-
BCAPV	BCAPV
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU with optional parameters and CDPN; BCAPV is used as test suite parameter; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU7(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
MT	'00000101'B
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	PI3
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	CPDN1
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU with optional parameters SCI and CDPN; BCAPV is used as test suite parameter; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU9
FIELD NAME	VALUE
PD	'00001000'B
CR	CR21
MT	'00000101'B
SCI	*
BCAP	?
EFAC	*
CHI	CHI9
FAC	*
PI	*
NSF	*
NOID	*
DSP	-
KPF	*
CGPN	*
CGPS	*
CPDN	*
CDPS	*
TNS	*
LLC	*
HLC	*
UUI	*
COMMENTS Receive PDU with "don't care" values; The SCI parameter may appear at any point in the message DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP (SETUP)	SU10 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
MT	'00000101'B
SCI	-
BCAPV	BCAPV
EFAC	-
CHI	CHI5 (BCH)
FAC	-
PI	-
NSF	-
NOID	-
DSP	-
KPF	-
CGPN	-
CGPS	-
CPDN	CDPN2
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Send PDU with optional parameters and CDPN; BCAPV is used as test suite parameter; DSP optional LT parameter; no IUT parameter; SCI, PI, CGPN, CGPS, CPDN, CDPS, TNS, LLC, HLC, UUI optional LT and IUT parameters; KPF optional IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ACK (SETUP ACKNOWLEDGEMENT)	SUA1 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17 (CALL_REF)
MT	'00001101'B
EFAC	*
CHI	*
FAC	*
PI	*
NOID	*
DSP	-
COMMENTS Receive PDU with "don't care" values; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ACK (SETUP ACKNOWLEDGEMENT)	SUA2 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17 (CALL_REF)
MT	'00001101'B
EFAC	-
CHI	CHI5 (BCH)
FAC	-
PI	-
NOID	-
DSP	-
COMMENTS Send PDU without optional parameters; CHI mandatory parameter, if in 1st PDU in response to SETUP unless user accepts the specific B-channel; PI is used in connection with interworking or in band information patterns; optional parameter; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS (STATUS)	ST1 (FLAG: INTEGER; CALL_REF: BITSTRING; CSTV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01111101'B
CAU	CAU1
CST	CST2 (CSTV)
DSP	-
COMMENTS	
Receive PDU with "don't care" values in CAU DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS (STATUS)	ST2 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER; CSTV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01111101'B
CAU	CAU2 (CVAL)
CST	CST2 (CSTV)
DSP	-
COMMENTS	
Send PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS (STATUS)	ST3 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER; CSTV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01111101'B
CAU	CAU4 (CVAL)
CST	CST2 (CSTV)
DSP	-
COMMENTS	
Receive PDU with "don't care" values in CAU; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS (STATUS)	ST4 (FLAG: INTEGER; CVAL: INTEGER; CSTV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01111101'B
CAU	CAU3 (CVAL)
CST	CST2 (CSTV)
DSP	-
COMMENTS	
Receive PDU without optional parameters and global call reference; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS (STATUS)	ST5 (CVAL: INTEGER; CSTV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR24
MT	'01111101'B
CAU	CAU3 (CVAL)
CST	CST2 (CSTV)
DSP	-
COMMENTS	
Receive PDU without optional parameters and global call reference; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS (STATUS)	ST6 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01111101'B
CAU	CAU4 (CVAL)
CST	CST1
DSP	-
COMMENTS Receive PDU with "don't care" values in CAU and CST; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS	ST7 (FLAG: INTEGER; CVAL: INTEGER; CSTV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01111101'B
CAU	CAU4 (CVAL)
CST	CST2 (CSTV)
DSP	-
COMMENTS Receive PDU with "don't care" values in CAU; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS	ST8 (FLAG: INTEGER; CVAL: INTEGER; CSTV: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01111101'B
CAU	CAU2 (CVAL)
CST	CST2 (CSTV)
DSP	-
COMMENTS Send PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
STATUS	ST9 (FLAG: INTEGER; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01111101'B
CAU	CAU4 (CVAL)
CST	CST1
DSP	-
COMMENTS Receive PDU with "don't care" values in CAU and CST; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ST_ENQ (STATUS ENQUIRY)	SQL (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
MT	'01110101'B
DSP	-
COMMENTS Send PDU without optional parameters; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ST_ENQ (STATUS ENQUIRY)	SQ2 (FLAG: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	'01110101'B
DSP	-
COMMENTS Send PDU with global call reference	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ST_ENQ (STATUS ENQUIRY)	SQ3 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR32 (CALL_REF)
MT	'01110101'B
DSP	-
COMMENTS Receive PDU with "don't care" values in CR; DSP optional LT parameter; no IUT parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR1 (CALL_REF: BITSTRING; BCH: BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR19 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI5 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS SETUP PDU with invalid protocol discriminator; BCAPV, LLCV and HLCV are used as test suite parameters;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ERR_SHORT	ERR2 (CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
MT	-
COMMENTS too short PDU (MT is missing);	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR3 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI5 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
SETUP with invalid call reference flag bit; BCAPV, LLCV and HLCV are used as test suite parameters;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR4 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	-
EFAC	-
CHI	CHI5 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
SETUP without BCAP (mandatory element is missing); LLCV and HLCV are used as test suite parameters;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ERR_SHORT	ERR5 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
MT	'00000100'B
COMMENTS	
unknown message type	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ERR_SHORT	ERR7 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17 (CALL_REF)
MT	'00000100'B
COMMENTS unknown message type	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR11 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR17 (CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI5 (BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS CALL PROCEEDING PDU with invalid protocol discriminator;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR12 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR23 (CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI5 (BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / invalid call reference format (oct. 1 bits 8 - 5 <> '0000'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR13 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR1 (CALL_REF)
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI5 (BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / invalid call reference format (oct. 1 bits 4 - 1 > '0010'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR14(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / dummy call reference	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR15(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR29
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / global call reference	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR17(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NOID	-
DSP	DSP1
PI_2	PI_22
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / optional information elements out of sequence;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR18 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NOID	-
DSP	DSP1
PI_2	-
DSP_2	DSP_21
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / duplicate elements; repetition not permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR19 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	PI2
NOID	-
DSP	-
PI_2	PI_22
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU Progress information element duplicated; repetition permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR20 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU message used in test cases as first answer to an outgoing call SETUP (CHI mandatory);	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR21(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI2
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / mandatory information element content error; message used in test cases as first answer to an outgoing call SETUP (CHI mandatory);	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR22(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	UE1
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / unrecognized information element; comprehension required;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR23(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	UE2
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / unrecognized information element; comprehension not required	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CALL_PROC_ERROR	ERR24 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000010'B
UE	-
EFAC	-
CHI	CHI5(BCH)
FAC	-
PI	PI4
NOID	-
DSP	-
PI_2	-
DSP_2	-
COMMENTS	
Syntactically Invalid CALL PROCEEDING PDU CALL PROCEEDING / non mandatory information element content error;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR26 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / invalid protocol discriminator;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR27 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR23(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / invalid call reference format (oct.1 bits 8-5 <> '0000'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR28 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR3 (FLAG, CALL_REF)
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / invalid call reference format (oct.1 bits 4-1 > '0010'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR29
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / dummy call reference;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR30 (FLAG: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / global call reference; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR32(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	DSP1
PI_2	PI_22
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / optional information elements out of sequence;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR33(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	DSP1
PI_2	-
DSP_2	DSP_21
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / duplicate elements; repetition not permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR34(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	PI2
NOID	-
DSP	-
PI_2	PI_22
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU Progress information element duplicated; repetition permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR35(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	UE1
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / unrecognized information element; comprehension required;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR36(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	UE2
EFAC	-
CHI	-
FAC	-
PI	-
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / unrecognized information element; comprehension not required	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ERROR	ERR37(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR17(CALL_REF)
CR_ERR	-
MT	'00000111'B
UE	-
EFAC	-
CHI	-
FAC	-
PI	PI4
NOID	-
DSP	-
PI_2	-
DSP_2	-
CODN	-
CODS	-
LLC	-
UUI	-
COMMENTS	
Syntactically Invalid CONNECT PDU CONNECT / non mandatory information element content error;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR41 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS DISCONNECT PDU with invalid protocol discriminator; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR42 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR25 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / invalid call reference format (oct.1 bits 8-5<>'0000'B) FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR43 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR3 (FLAG, CALL_REF)
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / invalid call reference format (oct.1 bits 4-1 > '0010'B) FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR44 (CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / dummy call reference; CVAL is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR45 (FLAG: INTEGER; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / global call reference; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR47 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
PI	PI2
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / optional information elements out of sequence; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME DISC_ERROR	CONSTRAINT NAME ERR48 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
PI	-
DSP_2	DSP_21
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / duplicate elements; repetition not permitted; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME DISC_ERROR	CONSTRAINT NAME ERR49 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	CAU_22 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU Cause information element duplicated; repetition permitted; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME DISC_ERROR	CONSTRAINT NAME ERR50 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	-
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / mandatory information element missing; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR51 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	UE1
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UII	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / unrecognized information element; comprehension required; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR52 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	UE2
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UII	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / unrecognized information element; comprehension not required FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
DISC_ERROR	ERR53 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU6
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	-
DSP_2	-
UII	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / mandatory information element content error; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME DISC_ERROR	CONSTRAINT NAME ERR54 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01000101'B
UE	-
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
PI	PI4
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid DISCONNECT PDU DISCONNECT / non mandatory information element content error; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME REL_ERROR	CONSTRAINT NAME ERR56 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS RELEASE PDU with invalid protocol discriminator; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME REL_ERROR	CONSTRAINT NAME ERR57 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR25 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / invalid call reference format (oct.1 bits 8-5 <> '0000'B) FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR58 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR3 (FLAG, CALL_REF)
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / invalid call reference format (oct.1 bits 4-1 > '0010'B) FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR59
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / dummy call reference;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR60 (FLAG: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / global call reference; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR62 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	DSP_01
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / optional information elements out of sequence; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR63 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
DSP_2	DSP_21
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / duplicate elements; repetition not permitted; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR64 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU2 (CVAL)
CAU_2	CAU_22 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS RELEASE / Cause information element duplicated; repetition permitted; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR65 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	UE1
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / unrecognized information element, comprehension required;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR66 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	UE2
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / unrecognized information element; comprehension not required FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_ERROR	ERR68 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01001101'B
UE	-
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP2
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE PDU RELEASE / non mandatory information element content error; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR71 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS	
RELEASE COMPLETE PDU with invalid protocol discriminator; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR72 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR25 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS	
Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / invalid call reference format (oct.1 bits 8-5 <> '0000'B) FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR73 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR3 (FLAG, CALL_REF)
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS	
Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / invalid call reference format (oct.1 bits 4-1 > '0010'B) FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR74
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / dummy call reference; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR75 (FLAG: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / global call reference; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR77 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	DSP_01
CAU	CAU2 (CVAL)
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / optional information elements out of sequence; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR78 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP1
DSP_2	DSP_21
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / duplicate elements; repetition not permitted; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR79 (FLAG: INTEGER; CALL_REF: BITSTRING; CVAL: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU2 (CVAL)
CAU_2	CAU_22 (CVAL)
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU Cause information element duplicated; repetition permitted; FLAG and CVAL are used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR80 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	UE1
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / unrecognized information element; comprehension required; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR81 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	UE2
DSP_0	-
CAU	CAU7
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	-
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / unrecognized information element; comprehension not required FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
REL_COM_ERROR	ERR82 (FLAG: INTEGER; CALL_REF: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR18 (FLAG, CALL_REF)
CR_ERR	-
MT	'01011010'B
UE	-
DSP_0	-
CAU	CAU8
CAU_2	-
EFAC	-
FAC	-
NOID	-
DSP	DSP2
DSP_2	-
UUI	-
COMMENTS Syntactically Invalid RELEASE COMPLETE PDU RELEASE COMPLETE / non mandatory information element content error; FLAG is used as constraints parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR101 (CALL_REF: BITSTRING; BCH: BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR26 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI5 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
INS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / invalid call reference format (oct.1 bits 8-5 <> '0000'B) BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR102 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR4 (CALL_REF)
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI5 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / invalid call reference format (oct.1 bits 4-1 > '0010'B) BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR103 (BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI5 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / dummy call reference; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR104 (BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR22
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI5 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
Syntactically Invalid SETUP PDU SETUP / global call reference; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR105 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI5 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	PI_32
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
Syntactically Invalid SETUP PDU SETUP / optional information elements out of sequence; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR106 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	-
BCAP	-
EFAC	-
CHI	CHI5 (BCH)
BCAP_2	BCAPV
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / mandatory information element out of sequence; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR107 (CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI5 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	DSP1
DSP_2	DSP_21
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / duplicate elements; repetition not permitted; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR108(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI5(BCH)
BCAP_2	-
FAC	-
PI	PI2
PI_2	PI_22
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
SETUP / Progress information element duplicated; repetition permitted; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR109(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	UE1
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI5(BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
Syntactically Invalid SETUP PDU SETUP / unrecognized information element; comprehension required; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR110 (CALL_REF:BITSTRING; BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	UE2
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI5 (BCH)
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / unrecognized information element; comprehension not required BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR111 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19 (CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	'10100001'B
BCAP	BCAPV
EFAC	-
CHI	CHI2
BCAP_2	-
FAC	-
PI	-
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS Syntactically Invalid SETUP PDU SETUP / mandatory information element content error; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
SETUP_ERROR	ERR112(CALL_REF:BITSTRING;BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
CR_ERR	-
MT	'00000101'B
UE	-
SCI	-
BCAP	BCAPV
EFAC	-
CHI	CHI5(BCH)
BCAP_2	-
FAC	-
PI	PI5
PI_2	-
NSF	-
NOID	-
DSP	-
DSP_2	-
KPF	-
CGPN	-
CGPS	-
CDPN	CDPN1
PI_3	-
CDPS	-
TNS	-
LLC	LLCV
HLC	HLCV
UUI	-
COMMENTS	
Syntactically Invalid SETUP PDU SETUP / non mandatory information element content error; BCAPV is used as test suite parameter;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK_ERROR	ERR131(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
MT	'00001111'B
UE	-
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	DSP1
DSP_2	DSP_21
COMMENTS	
Syntactically Invalid CONNECT ACKNOWLEDGE PDU CONNECT ACKNOWLEDGE / duplicate information elements; repetition not permitted;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK_ERROR	ERR132(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
MT	'00001111'B
UE	UE1
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
Syntactically Invalid CONNECT ACKNOWLEDGE PDU CONNECT ACKNOWLEDGE / unrecognized information element; comprehension required;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK_ERROR	ERR133(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
MT	'00001111'B
UE	UE2
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	-
DSP_2	-
COMMENTS	
Syntactically Invalid CONNECT ACKNOWLEDGE PDU CONNECT ACKNOWLEDGE / unrecognized information element; comprehension not required	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
CONN_ACK_ERROR	ERR134(CALL_REF:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR19(CALL_REF)
MT	'00001111'B
UE	-
EFAC	-
CHI	-
FAC	-
NOID	-
DSP	DSP2
DSP_2	-
COMMENTS	
Syntactically Invalid CONNECT ACKNOWLEDGE PDU CONNECT ACKNOWLEDGE / non mandatory information element content error;	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ERR_SHORT	ERR202(FLAG:INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20(FLAG)
MT	'00000100'B
COMMENTS	
unknown message type	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR203
FIELD NAME	VALUE
PD	'00001000'B
CR	CR_ERR6
MT	'01001110'B
UE	-
CHI	-
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI2
COMMENTS	
Syntactically invalid RESTART ACKNOWLEDGE PDU RESTART ACKNOWLEDGE / invalid call reference format (oct.1bits4-1 > '0010'B	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR204
FIELD NAME	VALUE
PD	'00000100'B
CR	CR22
CR_ERR	-
MT	'01000110'B
UE	-
CHI	-
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI2
COMMENTS	
RESTART PDU with invalid protocol discriminator	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
ERR_SHORT	ERR205 (FLAG: INTEGER)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR20 (FLAG)
MT	-
COMMENTS	
too short PDU (MT is missing)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR206
FIELD NAME	VALUE
PD	'00001000'B
CR	CR27
CR_ERR	-
MT	'01000110'B
UE	-
CHI	-
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI2
COMMENTS	
Syntactically invalid RESTART PDU RESTART / invalid call reference format (oct.1bits8-5<>'0000'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR207
FIELD NAME	VALUE
PD	'00001000'B
CR	-
CR_ERR	CR_ERR7
MT	'01000110'B
UE	-
CHI	-
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI2
COMMENTS	
Syntactically invalid RESTART PDU RESTART / invalid call reference format (oct.1 bits4-1 > '0010'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR208
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
CR_ERR	-
MT	'01000110'B
UE	-
CHI	-
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI2
COMMENTS Syntactically invalid RESTART PDU RESTART / dummy call reference	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR209(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR22
CR_ERR	-
MT	'01000110'B
UE	-
CHI	CHI5(BCH)
CHI_2	-
RI_0	RI_04
DSP	DSP1
DSP_2	-
RI	-
COMMENTS Syntactically invalid RESTART PDU RESTART / optional information element out of sequence	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR210(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR22
CR_ERR	-
MT	'01000110'B
UE	-
CHI	CHI5(BCH)
CHI_2	-
RI_0	-
DSP	DSP1
DSP_2	DSP_21
RI	RI4
COMMENTS Syntactically invalid RESTART PDU RESTART / duplicate elements; repetition not permitted	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR211(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR22
CR_ERR	-
MT	'01000110'B
UE	-
CHI	CHI5(BCH)
CHI_2	CHI_25(BCH)
RI_0	-
DSP	-
DSP_2	-
RI	RI4
COMMENTS RESTART / duplicate elements; repetition permitted	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR212
FIELD NAME	VALUE
PD	'00001000'B
CR	CR22
CR_ERR	-
MT	'01000110'B
UE	-
CHI	-
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	-
COMMENTS Syntactically invalid RESTART PDU RESTART / mandatory information element missing	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR213
FIELD NAME	VALUE
PD	'00001000'B
CR	CR22
CR_ERR	-
MT	'01000110'B
UE	-
CHI	-
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI6
COMMENTS Syntactically invalid RESTART PDU RESTART / mandatory information element with content error	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR214
FIELD NAME	VALUE
PD	'00001000'B
CR	CR22
CR_ERR	-
MT	'01000110'B
UE	UE1
CHI	-
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI2
COMMENTS Syntactically invalid RESTART PDU RESTART / unrecognized information element, comprehension required	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR215
FIELD NAME	VALUE
PD	'00001000'B
CR	CR22
CR_ERR	-
MT	'01000110'B
UE	UE2
CHI	-
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI2
COMMENTS Syntactically invalid RESTART PDU RESTART / unrecognized information element, comprehension not required	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ERROR	ERR216
FIELD NAME	VALUE
PD	'00001000'B
CR	CR22
CR_ERR	-
MT	'01000110'B
UE	-
CHI	CHI2
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI4
COMMENTS Syntactically invalid RESTART PDU RESTART / invalid channel identification information element content	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR217(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00000100'B
CR	CR29
MT	'01001110'B
UE	-
CHI	CHI5(BCH)
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI4
COMMENTS RESTART ACKNOWLEDGE PDU with invalid protocol discriminator	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR218(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR30
MT	'01001110'B
UE	-
CHI	CHI5(BCH)
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI4
COMMENTS Syntactically invalid RESTART ACKNOWLEDGE PDU RESTART ACKNOWLEDGE / invalid call reference format (oct.1bits8-5<>'0000'B)	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR219(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR10
MT	'01001110'B
UE	-
CHI	CHI5(BCH)
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI4
COMMENTS Syntactically invalid RESTART ACKNOWLEDGE PDU RESTART ACKNOWLEDGE / dummy call reference	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR220(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR29
MT	'01001110'B
UE	-
CHI	CHI5(BCH)
CHI_2	-
RI_0	RI_04
DSP	DSP1
DSP_2	-
RI	-
COMMENTS	
Syntactically invalid RESTART ACKNOWLEDGE PDU RESTART ACKNOWLEDGE / optional information element out of sequence	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR221(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR29
MT	'01001110'B
UE	-
CHI	CHI5(BCH)
CHI_2	-
RI_0	-
DSP	DSP1
DSP_2	DSP_21
RI	RI4
COMMENTS	
Syntactically invalid RESTART ACKNOWLEDGE PDU RESTART ACKNOWLEDGE / duplicate elements ;repetition not permitted	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR222(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR29
MT	'01001110'B
UE	-
CHI	CHI5(BCH)
CHI_2	CHI_25(BCH)
RI_0	-
DSP	-
DSP_2	-
RI	RI4
COMMENTS	
RESTART ACKNOWLEDGE / duplicate elements ;repetition permitted	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR223
FIELD NAME	VALUE
PD	'00001000'B
CR	CR29
MT	'01001110'B
UE	-
CHI	-
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	-
COMMENTS	
Syntactically invalid RESTART ACKNOWLEDGE PDU RESTART ACKNOWLEDGE / mandatory information element missing	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR224
FIELD NAME	VALUE
PD	'00001000'B
CR	CR29
MT	'01001110'B
UE	-
CHI	-
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI6
COMMENTS	
Syntactically invalid RESTART ACKNOWLEDGE PDU RESTART ACKNOWLEDGE / mandatory information element content error	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR225(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR29
MT	'01001110'B
UE	UE1
CHI	CHI5(BCH)
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI4
COMMENTS	
Syntactically invalid RESTART ACKNOWLEDGE PDU RESTART ACKNOWLEDGE / unrecognized information element, comprehension required	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR226(BCH:BITSTRING)
FIELD NAME	VALUE
PD	'00001000'B
CR	CR29
MT	'01001110'B
UE	UE2
CHI	CHI5(BCH)
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI4
COMMENTS	
Syntactically invalid RESTART ACKNOWLEDGE PDU RESTART ACKNOWLEDGE / unrecognized information element, comprehension not required	

PDU CONSTRAINT DECLARATION	
PDU NAME	CONSTRAINT NAME
RESTART_ACK_ERROR	ERR227
FIELD NAME	VALUE
PD	'00001000'B
CR	CR29
MT	'01001110'B
UE	-
CHI	CHI2
CHI_2	-
RI_0	-
DSP	-
DSP_2	-
RI	RI4
COMMENTS	
Syntactically invalid RESTART ACKNOWLEDGE PDU RESTART ACKNOWLEDGE / invalid channel identification information element content	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU1
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	?
CAU_E3_EB	?
CAU_E3_CS	'000'B
CAU_E3_LOC	CAU_LOC
CAU_E3A	*
CAU_E4_EB	'1'B
CAU_E4_CV	?
CAU_DI	*
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU2 (CVAL: INTEGER)
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'00000010'B
CAU_E3_EB	'1'B
CAU_E3_CS	'000'B
CAU_E3_LOC	'0010'B
CAU_E3A	-
CAU_E4_EB	'1'B
CAU_E4_CV	INT_TO_BIT(CVAL, 7)
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU_2	CAU_22 (CVAL: INTEGER)
FIELD NAME	VALUE
CAU_2I	'00001000'B
CAU_2L	'00000010'B
CAU_2E3_EB	'1'B
CAU_2E3_CS	'000'B
CAU_2E3_LOC	'0010'B
CAU_2E3A	-
CAU_2E4_CV	INT_TO_BIT(CVAL, 7)
CAU_2DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU3 (CVAL: INTEGER)
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'0000001?'B
CAU_E3_EB	?
CAU_E3_CS	'000'B
CAU_E3_LOC	CAU_LOC
CAU_E3A	*
CAU_E4_EB	'1'B
CAU_E4_CV	INT_TO_BIT(CVAL, 7)
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU4 (CVAL: INTEGER)
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	?
CAU_E3_EB	?
CAU_E3_CS	'000'B
CAU_E3_LOC	CAU_LOC
CAU_E3A	*
CAU_E4_EB	'1'B
CAU_E4_CV	INT_TO_BIT(CVAL, 7)
CAU_DI	*
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU6
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'00000010'B
CAU_E3_EB	'1'B
CAU_E3_CS	'000'B
CAU_E3_LOC	'0010'B
CAU_E3A	-
CAU_E4_EB	'0'B
CAU_E4_CV	'0000000'B
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU7
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'00000010'B
CAU_E3_EB	'1'B
CAU_E3_CS	'000'B
CAU_E3_LOC	'0010'B
CAU_E3A	-
CAU_E4_EB	'1'B
CAU_E4_CV	'0011111'B
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU_2	CAU_27
FIELD NAME	VALUE
CAU_2I	'00001000'B
CAU_2L	'00000010'B
CAU_2E3_EB	'1'B
CAU_2E3_CS	'000'B
CAU_2E3_LOC	'0010'B
CAU_2E3A	-
CAU_2E4_EB	'1'B
CAU_2E4_CV	'0011111'B
CAU_2DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU8
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'00000010'B
CAU_E3_EB	'1'B
CAU_E3_CS	'000'B
CAU_E3_LOC	'0010'B
CAU_E3A	-
CAU_E4_EB	'1'B
CAU_E4_CV	'0010000'B
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU_2	CAU_28
FIELD NAME	VALUE
CAU_2I	'00001000'B
CAU_2L	'00000010'B
CAU_2E3_EB	'1'B
CAU_2E3_CS	'000'B
CAU_2E3_LOC	'0010'B
CAU_2E3A	-
CAU_2E4_EB	'1'B
CAU_2E4_CV	'0010000'B
CAU_2DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CAU	CAU9
FIELD NAME	VALUE
CAU_I	'00001000'B
CAU_L	'00000010'B
CAU_E3_EB	'1'B
CAU_E3_CS	'000'B
CAU_E3_LOC	'0010'B
CAU_E3A	-
CAU_E4_EB	-
CAU_E4_CV	-
CAU_DI	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CDPN	CDPN1
FIELD NAME	VALUE
CDPN_I	'01110000'B
CDPN_L	LIPN
CDPN_E3_NPI	CDPN_OCTET3
CDPN_E4_ND	IPN
COMMENTS	
LIPN and IPN are test suite parameters	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CDPN	CDPN2
FIELD NAME	VALUE
CDPN_I	'01110000'B
CDPN_L	INCOMP_LPN
CDPN_E3_NPI	CDPN_OCTET3
CDPN_E4_ND	INCOMP_PN
COMMENTS	
INCOMP_LPN and INCOMP_PN are test suite parameters	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CHI	CHI2
FIELD NAME	VALUE
CHI_I	'00011000'B
CHI_L	'00000001'B
CHI_E3_P1	'1111'B
CHI_E3_PE	'1'B
CHI_E3_P3	'111'B
CHI_E4	-
CHI_E5_CH1	-
CHI_E5_CH2	-
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CHI	CHI5(BCH:BITSTRING)
FIELD NAME	VALUE
CHI_I	'00011000'B
CHI_L	'00000011'B
CHI_E3_P1	'1010'B
CHI_E3_PE	'1'B
CHI_E3_P3	'001'B
CHI_E4	'10000011'B
CHI_E5_CH1	'1'B
CHI_E5_CH2	BCH
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CHI_2	CHI_25(BCH:BITSTRING)
FIELD NAME	VALUE
CHI_2I	'00011000'B
CHI_2L	'00000011'B
CHI_2E3_P1	'1010'B
CHI_2E3_PE	'1'B
CHI_2E3_P3	'001'B
CHI_2E4	'10000011'B
CHI_2E5_CH1	'1'B
CHI_2E5_CH2	BCH
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CHI	CHI8
FIELD NAME	VALUE
CHI_I	'00011000'B
CHI_L	'00000011'B
CHI_E3_P1	'1010'B
CHI_E3_PE	'?'B
CHI_E3_P3	'001'B
CHI_E4	'10000011'B
CHI_E5_CH1	'1'B
CHI_E5_CH2	?
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CHI	CHI9
FIELD NAME	VALUE
CHI_I	'00011000'B
CHI_L	'00000011'B
CHI_E3_P1	'1010'B
CHI_E3_PE	'1'B
CHI_E3_P3	'001'B
CHI_E4	'10000011'B
CHI_E5_CH1	'1'B
CHI_E5_CH2	?
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CR	CR10
FIELD NAME	VALUE
CR_L	'00000000'B
CR_F	-
CR_R	-
COMMENTS	
Dummy call reference	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CR	CR17(CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00000010'B
CR_F	'1'B
CR_R	CALL_REF
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
CR	CR18(FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00000010'B
CR_F	INT_TO_BIT(FLAG,1)
CR_R	CALL_REF
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR19 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00000010'B
CR_F	'0'B
CR_R	CALL_REF
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR20 (FLAG:INTEGER)
FIELD NAME	VALUE
CR_L	'00000010'B
CR_F	INT_TO_BIT(FLAG,1)
CR_R	'0000000000000000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR21
FIELD NAME	VALUE
CR_L	'00000010'B
CR_F	'0'B
CR_R	?
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR22
FIELD NAME	VALUE
CR_L	'00000010'B
CR_F	'0'B
CR_R	'0000000000000000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR23 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00010010'B
CR_F	'1'B
CR_R	CALL_REF
COMMENTS invalid call reference format (oct.1 bits 8-5<>'0000'B)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR24
FIELD NAME	VALUE
CR_L	'00000010'B
CR_F	?
CR_R	'0000000000000000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR25 (FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00010010'B
CR_F	INT_TO_BIT(FLAG,1)
CR_R	CALL_REF
COMMENTS invalid call reference format (oct.1 bits 8-5<>'0000'B)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR26 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00010010'B
CR_F	'0'B
CR_R	CALL_REF
COMMENTS invalid call reference format (oct.1 bits 8-5<>'0000'B)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR27
FIELD NAME	VALUE
CR_L	'00010010'B
CR_F	'0'B
CR_R	'0000000000000000'B
COMMENTS invalid call reference format (oct.1 bits 8-5<>'0000'B)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR29
FIELD NAME	VALUE
CR_L	'00000010'B
CR_F	'1'B
CR_R	'0000000000000000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR30
FIELD NAME	VALUE
CR_L	'00010010'B
CR_F	'1'B
CR_R	'0000000000000000'B
COMMENTS invalid call reference format (oct.1 bits 8-5<>'0000'B)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR	CONSTRAINT NAME CR32 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_L	'00000010'B
CR_F	?
CR_R	CALL_REF
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR_ERR	CONSTRAINT NAME CR_ERR1 (CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_ERR_L	'00000011'B
CR_ERR_F	'1'B
CR_ERR_R	'0000000'B
CR_ERR_R2	'0'B
CR_ERR_R3	CALL_REF
COMMENTS invalid call reference format (length > 3 octets)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR_ERR	CONSTRAINT NAME CR_ERR3 (FLAG:INTEGER;CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_ERR_L	'00000011'B
CR_ERR_F	INT_TO_BIT(FLAG,1)
CR_ERR_R	'0000000'B
CR_ERR_R2	'0'B
CR_ERR_R3	CALL_REF
COMMENTS invalid call reference format (length > 3 octets)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR_ERR	CONSTRAINT NAME CR_ERR4(CALL_REF:BITSTRING)
FIELD NAME	VALUE
CR_ERR_L	'00000011'B
CR_ERR_F	'0'B
CR_ERR_R	'0000000'B
CR_ERR_R2	'0'B
CR_ERR_R3	CALL_REF
COMMENTS invalid call reference format (length > 3 octets)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR_ERR	CONSTRAINT NAME CR_ERR6
FIELD NAME	VALUE
CR_ERR_L	'00000011'B
CR_ERR_F	'1'B
CR_ERR_R	'0000000'B
CR_ERR_R2	'0'B
CR_ERR_R3	'0000000000000000'B
COMMENTS invalid call reference format (length > 3 octets)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CR_ERR	CONSTRAINT NAME CR_ERR7
FIELD NAME	VALUE
CR_ERR_L	'00000011'B
CR_ERR_F	'0'B
CR_ERR_R	'0000000'B
CR_ERR_R2	'0'B
CR_ERR_R3	'0000000000000000'B
COMMENTS invalid call reference format (length > 3 octets)	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CST	CONSTRAINT NAME CST1
FIELD NAME	VALUE
CST_I	'00010100'B
CST_L	'00000001'B
CST_CS	?
CST_CSV	?
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME CST	CONSTRAINT NAME CST2(CSTV:INTEGER)
FIELD NAME	VALUE
CST_I	'00010100'B
CST_L	'00000001'B
CST_CS	'00'B
CST_CSV	INT_TO_BIT(CSTV,6)
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME DSP	CONSTRAINT NAME DSP1
FIELD NAME	VALUE
DSP_I	'00101000'B
DSP_L	'00000001'B
DSP_DI	'31'O
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME DSP_0	CONSTRAINT NAME DSP_01
FIELD NAME	VALUE
DSP_0I	'00101000'B
DSP_0L	'00000001'B
DSP_0DI	'31'O
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME DSP_2	CONSTRAINT NAME DSP_21
FIELD NAME	VALUE
DSP_2I	'00101000'B
DSP_2L	'00000001'B
DSP_2DI	'31'O
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME DSP	CONSTRAINT NAME DSP2
FIELD NAME	VALUE
DSP_I	'00101000'B
DSP_L	'00000001'B
DSP_DI	'B1'O
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME NOID	CONSTRAINT NAME NOID1
FIELD NAME	VALUE
NOID_I	'00100111'B
NOID_L	'00000001'B
NOID_E3_ND	?
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME NOID	CONSTRAINT NAME NOID2
FIELD NAME	VALUE
NOID_I	'00100111'B
NOID_L	'00000001'B
NOID_E3_ND	'80'O
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME PI	CONSTRAINT NAME PI1 (PROGDES: INTEGER)
FIELD NAME	VALUE
PI_I	'00011110'B
PI_L	'00000010'B
PI_E3_LOC	?
PI_E4_FV	'1'B
PI_E4_PD	INT_TO_BIT(PROGDES, 7)
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME PI	CONSTRAINT NAME PI2
FIELD NAME	VALUE
PI_I	'00011110'B
PI_L	'00000010'B
PI_E3_LOC	'10000010'B
PI_E4_FV	'1'B
PI_E4_PD	'0001000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI_2	PI_22
FIELD NAME	VALUE
PI_2I	'00011110'B
PI_2L	'00000010'B
PI_2E3_LOC	'10000010'B
PI_2E4_FV	'1'B
PI_2E4_PD	'0001000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI_3	PI_32
FIELD NAME	VALUE
PI_3I	'00011110'B
PI_3L	'00000010'B
PI_3E3_LOC	'10000010'B
PI_3E4_FV	'1'B
PI_3E4_PD	'0001000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI	PI3
FIELD NAME	VALUE
PI_I	'00011110'B
PI_L	'00000010'B
PI_E3_LOC	'10000010'B
PI_E4_FV	'1'B
PI_E4_PD	'0000001'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI	PI4
FIELD NAME	VALUE
PI_I	'00011110'B
PI_L	'00000010'B
PI_E3_LOC	'10000010'B
PI_E4_FV	'1'B
PI_E4_PD	'0000000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
PI	PI5
FIELD NAME	VALUE
PI_I	'00011110'B
PI_L	'00000010'B
PI_E3_LOC	'10000010'B
PI_E4_FV	'1'B
PI_E4_PD	'1111111'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
RI	RI1 (CLV: INTEGER)
FIELD NAME	VALUE
RI_I	'01111001'B
RI_L	'00000001'B
RI_CL	'10000'B
RI_CL1	INT_TO_BIT (CLV, 3)
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
RI	RI2
FIELD NAME	VALUE
RI_I	'01111001'B
RI_L	'00000001'B
RI_CL	'10000'B
RI_CL1	'110'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
RI	RI3
FIELD NAME	VALUE
RI_I	'01111001'B
RI_L	'00000001'B
RI_CL	'10000'B
RI_CL1	?
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
RI	RI4
FIELD NAME	VALUE
RI_I	'01111001'B
RI_L	'00000001'B
RI_CL	'10000'B
RI_CL1	'000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
RI_0	RI_04
FIELD NAME	VALUE
RI_OI	'01111001'B
RI_OL	'00000001'B
RI_OCL	'10000'B
RI_OCL1	'000'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
RI	RI6
FIELD NAME	VALUE
RI_I	'01111001'B
RI_L	'00000001'B
RI_CL	'01110'B
RI_CL1	'111'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
UE	UE1
FIELD NAME	VALUE
UE_U EI	'00000001'B
UE_L	'00000001'B
UE_C	'10000011'B
COMMENTS	

PDU FIELD GROUP CONSTRAINT DECLARATION	
PDU GROUP NAME	CONSTRAINT NAME
UE	UE2
FIELD NAME	VALUE
UE_U EI	'10000000'B
UE_L	-
UE_C	-
COMMENTS	

B.4 Dynamic part

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/RC/N/TC10001			
IDENTIFIER	TC10001			
PURPOSE	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREF,16)	(P)	preamble to U0 valid RELEASE COMPLETE TNOAC timeout state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (c) ETS 300 104/156 A.2.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/RL/N/TC10002			
IDENTIFIER	TC10002			
PURPOSE	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +P049901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RC3(1,CREF,81)	(P) (F)	preamble to U0 valid RELEASE valid RELEASE COMPLETE state=0? TAC timeout postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (b) ETS 300 104/156 A.2.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/ST/N/TC10003			
IDENTIFIER	TC10003			
PURPOSE	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU indicating the Null state N0, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,81,0)	(P)	preamble to U0 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.2.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/ST/N/TC10004			
IDENTIFIER	TC10004			
PURPOSE	CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU indicating any state except the Null state N0, the IUT responds with either a RELEASE PDU or a RELEASE COMPLETE PDU with cause value 101.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!STATUS START TAC L?RELr CANCEL TAC L!REL_COM L?REL_COMr CANCEL TAC ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ST2(0,CREf,81,2) RL2(1,CREf,101) RC2(0,CREf,101) RC3(1,CREf,101)	P P (F)	preamble to U0 valid STATUS (1) valid RELEASE valid RELEASE COMPLETE valid RELEASE COMPLETE no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) A STATUS PDU with call state <> 0 is send to the IUT. References to Recommendations ETS 300 102-1 5.8.11 (a) ETS 300 104/156 A.2.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/SU/N/TC10005			
IDENTIFIER	TC10005			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a valid SETUP PDU without the Sending complete information element, the IUT responds with any of a SETUP ACKNOWLEDGE, CALL PROCEEDING, ALERTING or CONNECT PDU and moves to the relevant state Overlap Receiving U25, Incoming Call Proceeding U9, Call Received U7 or Connect Request U8.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP START TAC L?SETUP_ACKr CANCEL TAC +CS59901(25,0) L?CALL_PROCr CANCEL TAC +CS59901(9,0) L?ALERTr CANCEL TAC +CS59901(7,0) L?CONNr CANCEL TAC +CS59901(8,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	SU3(CREf,bch_num) SUA1(CREf) CPI(CREf) ALI(CREf) CN1(CREf)	(P) (P) (P) (P) (P) (F)	preamble to U0 SETUP (1) state=25? (2) state=9? (2) state=7? (2) state=8? (2) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) A valid and compatible SETUP PDU with only mandatory parameters is transmitted. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.2.1, 5.2.4, 5.2.5.1 ETS 300 104/156 A.1.1.1.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/SU/N/TC10008			
IDENTIFIER	TC10008			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a valid SETUP PDU containing an incompatible Bearer capability information element (mandatory parameter), the IUT responds with a RELEASE COMPLETE PDU with cause value 88.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP START TAC		SU4(CREF,bch_num)		incompatible SETUP (1)
L?REL_COMr CANCEL TAC	L1	RC3(1,CREF,88)	(P)	valid RELEASE COMPLETE state=0? (2)
+CS50001(0)			(F)	TAC timeout
?TIMEOUT TAC				unexpected message
+PO49901(0)				
+UM59902				
GOTO L1				
EXTENDED COMMENTS				
(1) A valid SETUP PDU with an incompatible bearer capability information element is transmitted.				
(2) The subtree CS50001 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.2.2, annex B		ETS 300 104/156 A.1.1.2.1		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/V/SU/N/TC10009			
IDENTIFIER	TC10009			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a valid SETUP PDU containing an incompatible high layer compatibility information element (optional parameter), the IUT responds with a RELEASE COMPLETE PDU with cause value 88.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP START TAC		SU5(CREF,bch_num)		incompatible SETUP (1)
L?REL_COMr CANCEL TAC	L1	RC3(1,CREF,88)	(P)	valid RELEASE COMPLETE state=0? (2)
+CS50001(0)			(F)	TAC timeout
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS				
(1) A valid SETUP PDU with an incompatible high layer compatibility information element is transmitted.				
(2) The subtree CS50001 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.2.2, annex B		ETS 300 104/156 A.1.1.2.2		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/I/DI/N/TC10010			
IDENTIFIER	TC10010			
PURPOSE	<p>CALLED USER TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS</p> <p>Ensure that on receipt of an inopportune PDU (DISCONNECT), the IUT responds with a RELEASE PDU or a RELEASE COMPLETE PDU with cause value 81.</p>			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!DISC START TAC		DI2(0,CREF,16)		inopportune PDU
L?RELr CANCEL TAC	L1	RL2(1,CREF,81)		valid RELEASE
L!REL_COM		RC2(0,CREF,81)	P	valid RELEASE COMPLETE
L?REL_COMr CANCEL TAC		RC3(1,CREF,81)	P	valid RELEASE COMPLETE
?TIMEOUT TAC			(F)	TAC timeout
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
References to Recommendations				
ETS 300 102-1 5.8.3.2 (a)		ETS 300 104/156 A.2.3.1		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/I/SU/N/TC10011			
IDENTIFIER	TC10011			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that on receipt of a repeated valid SETUP PDU with the same call reference as the initial SETUP PDU, the IUT does not respond to the second SETUP PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0 compatible SETUP
L!SETUP START TAC		SU2(CREF,bch_num)		
L?SETUP_ACKr CANCEL TAC	L1	SUA1(CREF)	(P)	
L!SETUP START TNOAC		SU2(CREF,bch_num)		second SETUP
+SUBTREE2_TC10011	L2			
L?CALL_PROCr		CP1(CREF)	(P)	
+SUBTREE2_TC10011	L3			
?TIMEOUT TNOAC			(P)	
+CS59901(9,0)				
+UM59902				unexpected message
GOTO L3				
?TIMEOUT TNOAC			(P)	no IUT response
+CS59901(25,0)				state=25? (1)
+UM59902				unexpected message
GOTO L2				
L?CALL_PROCr CANCEL TAC		CP1(CREF)	(P)	
L!SETUP START TNOAC		SU2(CREF,bch_num)		second SETUP
+SUBTREE2_TC10011	L4			
?TIMEOUT TNOAC			(P)	no IUT response
+CS59901(9,0)				state=9? (1)
+UM59902				unexpected message
GOTO L4				
L?ALERTr CANCEL TAC		AL1(CREF)	(P)	
L!SETUP START TNOAC		SU2(CREF,bch_num)		second SETUP
+SUBTREE1_TC10011	L5			
?TIMEOUT TNOAC			(P)	no IUT response
+CS59901(7,0)				state=7? (1)
+UM59902				unexpected message
GOTO L5				
L?CONNR CANCEL TAC		CN1(CREF)	(P)	
L!SETUP START TNOAC		SU2(CREF,bch_num)		second SETUP
?TIMEOUT TNOAC	L6			
+CS59901(8,0)			(P)	no IUT response
+UM59902				state=8? (1)
GOTO L6				unexpected message
?TIMEOUT TAC			(F)	T timeout
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
SUBTREE1_TC10011				
L?CONNR		CN1(CREF)	(P)	
?TIMEOUT TNOAC	L7			
+CS59901(8,0)			(P)	state=8? (1)
+UM59902				unexpected message
GOTO L7				
SUBTREE2_TC10011				
+SUBTREE1_TC10011				
L?ALERTr		AL1(CREF)	(P)	
+SUBTREE1_TC10011	L8			
?TIMEOUT TNOAC			(P)	state=7? (1)
+CS59901(7,0)				unexpected message
+UM59902				
GOTO L8				
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.3.2 (e)		ETS 300 104/156 A.1.2		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10018			
IDENTIFIER	TC10018			
PURPOSE	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR101(CREF,bch_num)	(P)	preamble to U invalid call reference no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10019			
IDENTIFIER	TC10019			
PURPOSE	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a SETUP PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR102(CREF,bch_num)	(P)	preamble to U0 invalid call reference no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10020			
IDENTIFIER	TC10020			
PURPOSE	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR103(bch_num)	(P)	preamb. to U0 dummy call reference no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10021			
IDENTIFIER	TC10021			
PURPOSE	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with the global reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP_ERROR START TAC L?STATUSr CANCEL TAC +PO49901(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR104(bch_num) ST4(1,81,0)	(P) (F)	preamble to U0 invalid SETUP valid STATUS postamble to U0 no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10022			
IDENTIFIER	TC10022			
PURPOSE	NULL STATE TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP_ERROR START TAC L?SETUP_ACKr CANCEL TAC +CS59901(25,0) L?CALL_PROCr CANCEL TAC +CS59901(9,0) L?ALERTr CANCEL TAC +CS59901(7,0) L?CONNr CANCEL TAC +CS59901(8,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR105(CREF,bch_num) SUAl(CREF) CPl(CREF) ALl(CREF) CNl(CREF)	 (P) (P) (P) (P) (P)	preamble to U0 invalid SETUP state=25? state=9? state=7? state=8? no response postamble to U0 unexpected message (1) (2) (2) (2) (2)
EXTENDED COMMENTS (1) Optional information element out of sequence. (2) The test step CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10023			
IDENTIFIER	TC10023			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 10 Ensure that the IUT responds to the receipt of a PDU with a mandatory information element out of sequence by either sending a RELEASE COMPLETE PDU with cause value 96 and remains in the same state or processes the PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP_ERROR START TAC		ERR106(CREF,bch_num)		invalid SETUP (3)
L?REL_COMr CANCEL TAC	L1	RC3(1,CREf,96)	(P)	valid RELEASE COMPLETE state=0? (1)
+CS50001(0)		SUA1(CREF)	(P)	state=25? (2)
L?SETUP_ACKr CANCEL TAC		CP1(CREF)	(P)	state=9? (2)
+CS59901(25,0)		AL1(CREF)	(P)	state=7? (2)
L?CALL_PROCr CANCEL TAC		CN1(CREF)	(P)	state=8? (2)
+CS59901(9,0)			(F)	no response postamble to U0 unexpected message
L?ALERTr CANCEL TAC				
+CS59901(7,0)				
L?CONNr CANCEL TAC				
+CS59901(8,0)				
?TIMEOUT TAC				
+PO49901(0)				
+UM59902				
GOTO L1				
EXTENDED COMMENTS				
(1) The subtree CS50001 is used for checking the IUT state.				
(2) The subtree CS59901 is used for checking the IUT state.				
(3) SETUP with mandatory information element out of sequence.				
References to Recommendations				
ETS 300 102-1 5.8.5.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10024			
IDENTIFIER	TC10024			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP_ERROR START TAC		ERR107(CREF,bch_num)		invalid SETUP
L?SETUP_ACKr CANCEL TAC	L1	SUA1(CREF)	(P)	state=25? (1)
+CS59901(25,0)		CP1(CREF)	(P)	state=9? (1)
L?CALL_PROCr CANCEL TAC		AL1(CREF)	(P)	state=7? (1)
+CS59901(9,0)		CN1(CREF)	(P)	state=8? (1)
L?ALERTr CANCEL TAC			(F)	TAC timeout postamble to U0 unexpected message
+CS59901(7,0)				
L?CONNr CANCEL TAC				
+CS59901(8,0)				
?TIMEOUT TAC				
+PO49901(0)				
+UM59902				
GOTO L1				
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10025			
IDENTIFIER	TC10025			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP_ERROR START TAC		ERR108(CREF,bch_num)		SETUP (1)
L?SETUP_ACKr CANCEL TAC +CS59901(25,0)	L1	SUAL(CREF)	(P)	state=25? (2)
L?CALL_PROCr CANCEL TAC +CS59901(9,0)		CP1(CREF)	(P)	state=9? (2)
L?ALERTr CANCEL TAC +CS59901(7,0)		AL1(CREF)	(P)	state=7? (2)
L?CONNr CANCEL TAC +CS59901(8,0)		CN1(CREF)	(P)	state=8? (2)
?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1			(F)	TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS				
(1) A compatible SETUP PDU with only mandatory parameters with duplicate Progress indicator information element is transmitted.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/O/TC10026			
IDENTIFIER	TC10026			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a PDU with a mandatory information element with content error by sending a RELEASE COMPLETE PDU with cause value 100 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP_ERROR START TAC		ERR111(CREF)		invalid PDU (1)
L?REL_COMr CANCEL TAC +CS50001(0)	L1	RC3(1,CREF,100)	(P)	valid RELEASE COMPLETE state=0? (2)
?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1			(F)	no response postamble to U0 unexpected message
EXTENDED COMMENTS				
(1) An invalid SETUP PDU with a mandatory information element content error is used.				
(2) The subtree CS50001 is used for checking the IUT state.				
References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/N/TC10027			
IDENTIFIER	TC10027			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a PDU with unrecognised information element (coded comprehension required) by sending a RELEASE COMPLETE PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP_ERROR START TAC		ERR109(CREF,bch_num)		invalid PDU (1)
L?REL_COMr CANCEL TAC	L1	RC3(1,CREf,96)	(P)	valid RELEASE COMPLETE state=0? (2)
+CS50001(0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid SETUP PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1 ETS 300 104/156 A.1.3.4				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U00/S/ER/N/TC10028			
IDENTIFIER	TC10028			
PURPOSE	INCOMING CALL HANDLING TESTS - STATE U0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a SETUP PDU with unrecognised optional information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
(STAT_TRANSM:=-FALSE,ECV:=-99)				
L!SETUP_ERROR START TAC		ERR110(CREF,bch_num)		invalid PDU (1)
L?SETUP_ACKr CANCEL TAC	L1	SUA1(CREF)	(P)	valid PDU state=25? (2)
+CS59901(25,0)				
L?CALL_PROCr CANCEL TAC		CP1(CREF)	(P)	valid PDU state=9? (2)
+CS59901(9,0)				
L?ALERTr CANCEL TAC		AL1(CREF)	(P)	valid PDU state=7? (2)
+CS59901(7,0)				
L?CONNr CANCEL TAC		CN1(CREF)	(P)	valid PDU state=8? (2)
+CS59901(8,0)				
L?STATUSr [STAT_TRANSM=FALSE]		ST6(1,CREf,ECV)	(P)	valid STATUS
(STAT_TRANSM:=-TRUE)				
GOTO L1				
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) An invalid SETUP containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT relevant states. References to Recommendations ETS 300 102-1 5.8.7.1 ETS 300 104/156 A.1.3.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/V/RC/N/TC10102			
IDENTIFIER	TC10102			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	RC2(1,CREF,65)	(P)	preamble to U1 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.10.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/V/RL/N/TC10103			
IDENTIFIER	TC10103			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!REL_START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	RL3(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U1 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.2 ETS 300 104/156 A.10.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/V/SA/N/TC10104			
IDENTIFIER	TC10104			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a SETUP ACKNOWLEDGE PDU, the IUT enters the Overlap Sending state U2.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!SETUP_ACK START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	SUA2(CREF,bch_num)	(P)	preamble to U1 valid SETUP_ACK state=2? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.1, 5.1.2, 5.1.3 ETS 300 104/156 A.10.6				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/V/ST/N/TC10105			
IDENTIFIER	TC10105			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	ST2(1,CREF,111,0)	(P)	preamble to U1 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.10.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/V/SQ/O/TC10106			
IDENTIFIER	TC10106			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 +CS59901(1,1)				preamble to U1 state=1? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/I/CA/N/TC10107			
IDENTIFIER	TC10107			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CONN_ACK START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(1,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	CA3(CREF) ST3(0,CREF,98,1) ST3(0,CREF,101,1) SQ1(0,CREF) ST2(1,CREF,30,1)	(P) (P) (P) (F)	preamble to U1 inopportune PDU valid STATUS valid STATUS state = 1? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.10.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10108			
IDENTIFIER	TC10108			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(1,1) +UM59902 GOTO L1	L1	ERR11(CREF,bch_num)	(P)	preamble to U1 invalid PDU (1) no response state=1? (2) unexpected message
EXTENDED COMMENTS (1) A CALL PROCEEDING PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10109			
IDENTIFIER	TC10109			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(1,1) +UM59902 GOTO L1	L1	ERR12(CREF,bch_num)	(P)	preamble to U1 invalid call reference no response state=1? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10110			
IDENTIFIER	TC10110			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(1,1) +UM59902 GOTO L1	L1	ERR14(CREF,bch_num)	(P)	preamb. to U1 dummy call reference no response state=1? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10111			
IDENTIFIER	TC10111			
PURPOSE	CALL INITIATED STATE TEST - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(1,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR15(bch_num) ST4(0,81,0)	(P) (F)	preamble to U1 invalid CALL PROCEEDING valid STATUS state=1? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10112			
IDENTIFIER	TC10112			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR +CS59901(3,1)		ERR17(CREF,bch_num)		preamble to U1 invalid CALL PROCEEDING (1) state=3? (2)
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10113			
IDENTIFIER	TC10113			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR +CS59901(3,1)		ERR18(CREF,bch_num)		preamble to U1 invalid CALL PROCEEDING state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10114			
IDENTIFIER	TC10114			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR +CS59901(3,1)		ERR19(CREF,bch_num)		preamble to U1 CALL PROCEEDING state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10115			
IDENTIFIER	TC10115			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a CALL PROCEEDING PDU with mandatory information element missing, the IUT only returns a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(1,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR20(CREF) ST3(0,CREF,96,1)	(P) (F)	preamble to U1 invalid CALL PROCEEDING state=1? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10116			
IDENTIFIER	TC10116			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with mandatory information element with content error by sending a STATUS PDU with cause value 100 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(1,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR21(CREF) ST3(0,CREF,100,1)	(P) (F)	preamble to U1 invalid PDU valid STATUS state=1? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) An invalid CALL PROCEEDING PDU with an invalid channel identification information element is used. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10117			
IDENTIFIER	TC10117			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101				preamble to U1
L!CALL_PROC_ERROR START TAC		ERR22(CREF,bch_num)		invalid PDU (1)
L?STATUSr CANCEL TAC	L1	ST3(0,CREf,96,1)	(P)	valid STATUS
+CS59901(1,1)				state=1? (2)
?TIMEOUT TAC			(F)	no response
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) An invalid CALL PROCEEDING PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10118			
IDENTIFIER	TC10118			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents and optionally sends a STATUS PDU with cause value 99.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101				preamble to U1
(STAT_TRANSM:=-FALSE,ECV:=-99)				
L!CALL_PROC_ERROR START TNOAC		ERR23(CREF,bch_num)		invalid PDU (1)
L?STATUSr CANCEL TNOAC	L1	ST6(0,CREf,ECV)	(P)	valid STATUS
(STAT_TRANSM:=-TRUE)				
+CS59901(3,1)				postamble
?TIMEOUT TNOAC			(P)	no response
+CS59901(3,1)				state=3? (2)
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) An invalid CALL PROCEEDING containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10119			
IDENTIFIER	TC10119			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CALL PROCEEDING PDU with non mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 (STAT_TRANS:=FALSE,ECV:=100) L!CALL_PROC_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANS:=TRUE) +CS59901(3,1) ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR24(CREF,bch_num) ST6(0,CREF,ECV)	(P)	preamble to U1 invalid PDU (1) valid STATUS state=3? (2) no response (2) state=3? unexpected message (2)
EXTENDED COMMENTS (1) A CALL PROCEEDING with an invalid Progress indicator information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/N/TC10120			
IDENTIFIER	TC10120			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97 or with a STATUS ENQIRY PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(1,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR7(CREF) ST3(0,CREF,97,1) ST3(0,CREF,98,1) SQ1(0,CREF) ST2(1,CREF,30,1)	(P) (P) (P) (F)	preamble to U1 invalid PDU (1) valid STATUS valid STATUS state = 1? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) PDU with invalid message type is used. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.10.3.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10121			
IDENTIFIER	TC10121			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(1,1) +UM59902 GOTO L1	L1	ERR13(CREF,bch_num)	(P)	preamble to U1 invalid call reference no response state=1? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U01/S/ER/O/TC10122			
IDENTIFIER	TC10122			
PURPOSE	CALL INITIATED STATE TESTS - STATE U1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30101 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(1,1) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U1 invalid PDU (1) no response (2) state=1? unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/AL/N/TC10201			
IDENTIFIER	TC10201			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an ALERTING PDU the IUT enters the Call Delivered state U4.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!ALERT +CS59901(4,1)		AL2(CREF)		preamble to U2 valid ALERTING state=4? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.7 ETS 300 104/156 A.11.9				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/CN/N/TC10202			
IDENTIFIER	TC10202			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU the IUT enters the Active state U10.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201				preamble to U2
[BCA=FALSE]				parameter (1)
L!CONN		CN2(CREF)		valid CONNECT
+CS59901(10,1)				state=10? (2)
[BCA=TRUE]				
L!CONN START TAC		CN2(CREF)		valid CONNECT
L?CONN_ACKr CANCEL TAC	L1	CA1(CREF)	(P)	ignore
+CS59901(10,1)				state=10? (2)
?TIMEOUT TAC			(F)	no response
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) The test suite parameter BCA has the value TRUE if the sending of CONN_ACK is implemented.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.1.8		ETS 300 104/156 A.11.10		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/CP/N/TC10203			
IDENTIFIER	TC10203			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CALL PROCEEDING PDU the IUT enters the Outgoing Call Proceeding state U3.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201				preamble to U2
L!CALL_PROC		CP2(CREF,bch_num)		valid CALL_PROC
+CS59901(3,1)				state=3? (1)
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.1.5.2		ETS 300 104/156 A.11.8		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/DI/N/TC10204			
IDENTIFIER	TC10204			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201				preamble to U2
L!DISC START TAC		DI2(1,CREF,16)		valid DISC
L?RELR CANCEL TAC	L1	RL1(0,CREF)	(P)	valid RELEASE
+CS59901(19,1)				state=19? (1)
?TIMEOUT TAC			(F)	no response
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.3.4.2		ETS 300 104/156 A.11.1		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/IN/N/TC10205			
IDENTIFIER	TC10205			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	IN2(1,CREF)	(P)	preamble to U2 valid INFO no response state=2? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.11.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/PG/N/TC10206			
IDENTIFIER	TC10206			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!PROG START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	PG2(CREF)	(P)	preamble to U2 valid PROG no response state=2? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.4 ETS 300 104/156 A.11.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/RC/N/TC10207			
IDENTIFIER	TC10207			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	RC2(1,CREF,16)	(P)	preamble to U2 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.11.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/RL/N/TC10208			
IDENTIFIER	TC10208			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	RL3(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U2 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.11.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/SQ/O/TC10209			
IDENTIFIER	TC10209			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 +CS59901(2,1)				preamble to U2 state=2? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/V/ST/N/TC10210			
IDENTIFIER	TC10210			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	ST2(1,CREF,111,0)	(P)	preamble to U2 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.11.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/I/SA/N/TC10211			
IDENTIFIER	TC10211			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or a STATUS ENQUIRY PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!SETUP_ACK START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(2,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	SUA2(CREF,bch_num) ST3(0,CREF,98,2) ST3(0,CREF,101,2) SQ1(0,CREF) ST2(1,CREF,30,2)	(P) (P) (P) (F)	preamble to U2 inopportune PDU valid STATUS valid STATUS state = 2? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4				
ETS 300 104/156 A.11.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10212			
IDENTIFIER	TC10212			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	ERR11(CREF,bch_num)	(P)	preamble to U2 invalid PDU (1) no response state=2? (2) unexpected message
EXTENDED COMMENTS (1) A CALL PROCEEDING PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10213			
IDENTIFIER	TC10213			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	ERR12(CREF,bch_num)	(P)	preamble to U2 invalid call reference no response state=2? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10214			
IDENTIFIER	TC10214			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(2,1) +UM59902 GOTO L1	L1	ERR14(CREF,bch_num)	(P)	preamb. to U2 dummy call reference no response state=2? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10215			
IDENTIFIER	TC10215			
PURPOSE	OVERLAP SENDING STATE TEST - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(2,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR15(bch_num) ST4(0,81,0)	(P) (F)	preamble to U2 invalid CALL PROCEEDING valid STATUS state=2? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10216			
IDENTIFIER	TC10216			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR +CS59901(3,1)		ERR17(CREF,bch_num)		preamble to U2 invalid CALL PROCEEDING (1) state=3? (2)
EXTENDED COMMENTS (1) Optional information element out of sequence. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10217			
IDENTIFIER	TC10217			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR +CS59901(3,1)		ERR18(CREF,bch_num)		preamble to U2 invalid CALL PROCEEDING state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10218			
IDENTIFIER	TC10218			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR +CS59901(3,1)		ERR19(CREF,bch_num)		preamble to U2 CALL PROCEEDING state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10219			
IDENTIFIER	TC10219			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 L!CALL_PROC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(2,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR22(CREF,bch_num) ST3(0,CREF,96,2)	(P) (F)	preamble to U2 invalid PDU (1) valid STATUS state=2? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid CALL PROCEEDING PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10220			
IDENTIFIER	TC10220			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CALL PROCEEDING PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 (STAT_TRANSM:=FALSE,ECV:=99) L!CALL_PROC_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM:=TRUE) +CS59901(3,1) ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR23(CREF,bch_num) ST6(0,CREF,ECV)	(P)	preamble to U2 invalid PDU (1) valid STATUS state=3? (2) no response (P) state=3? (2) unexpected message
EXTENDED COMMENTS (1) An invalid CALL PROCEEDING PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10221			
IDENTIFIER	TC10221			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CALL PROCEEDING PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 (STAT_TRANSM:=FALSE,ECV:=100) L!CALL_PROC_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM:=TRUE) +CS59901(3,1) ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR24(CREF,bch_num) ST6(0,CREF,ECV)	(P)	preamble to U2 invalid PDU (1) valid STATUS state=3? (2) no response (P) state=3? (2) unexpected message
EXTENDED COMMENTS (1) A CALL PROCEEDING PDU with an invalid Progress indicator information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10222			
IDENTIFIER	TC10222			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing, the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201				
L!DISC_ERROR START TAC		ERR50(1,CREF)		preamble to U2
L?RELr CANCEL TAC	L1	RL2(0,CREF,96)	(P)	invalid DISCONNECT
+CS59901(19,1)				valid RELEASE
?TIMEOUT TAC			(F)	state=19? (1)
+PO49901(1)				
+UM59902				postamble to U0
GOTO L1				unexpected message
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10223			
IDENTIFIER	TC10223			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with a mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201				
L!DISC_ERROR START TAC		ERR53(1,CREF)		preamble to U2
L?RELr CANCEL TAC	L1	RL2(0,CREF,100)	(P)	invalid PDU (1)
+CS59901(19,1)				valid RELEASE
?TIMEOUT TAC			(F)	state=19? (2)
+PO49901(1)				no response
+UM59902				postamble to U0
GOTO L1				unexpected message
EXTENDED COMMENTS				
(1) An invalid DISCONNECT PDU with an invalid cause information element is used.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/N/TC10224			
IDENTIFIER	TC10224			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQIRY PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201				
L!ERR_SHORT START TAC		ERR7(CREF)		preamble to U2
L?STATUSr CANCEL TAC	L1	ST3(0,CREF,97,2)	(P)	invalid PDU (1)
+PO49901(1)				valid STATUS
L?STATUSr CANCEL TAC		ST3(0,CREF,98,2)	(P)	valid STATUS
+PO49901(1)				
L?ST_ENQr CANCEL TAC		SQ1(0,CREF)	(P)	
L!STATUS		ST2(1,CREF,30,2)	(P)	
+CS59901(2,1)				state = 2?
?TIMEOUT TAC			(F)	no response
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) A PDU with invalid message type is used.				
References to Recommendations				
ETS 300 102-1 5.8.4 ETS 300 104/156 A.11.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10225			
IDENTIFIER	TC10225			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201				
L!CALL_PROC_ERROR START TNOAC		ERR13(CREF,bch_num)		preamble to U2
?TIMEOUT TNOAC	L1		(P)	invalid call reference (1)
+CS59901(2,1)				no response
+UM59902				state=2?
GOTO L1				unexpected message
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U02/S/ER/O/TC10226			
IDENTIFIER	TC10226			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201				preamble to U2
L!ERR_SHORT START TNOAC		ERR2(CREF)		invalid PDU (1)
?TIMEOUT TNOAC	L1		(P)	no response
+CS59901(2,1)				state=2? (2)
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U02/V/04/O/TC20201			
IDENTIFIER	TC20201			
PURPOSE	TIMER TESTS - TIMER T304 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T304.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201				preamble to U2
<IUT!INFO>				wait for INFO
START TWAIT				
L?INFor CANCEL TWAIT , START T304MAX	L1	IN1(0,CREF)		with SCI
L?DISC READTIMER T304MAX(T) ,	L2	DI1(0,CREF)		valid DISC
# CANCEL T304MAX				
[TIME(T304max,T304min,T)=TRUE]			(P)	T304 is OK
+PO49901(1)				postamble to U0
[TIME(T304max,T304min,T)=FALSE]			(F)	T304 is not OK
+PO49901(1)				postamble to U0
L?INFor START T304MAX		IN1(0,CREF)		
GOTO L2				
?TIMEOUT T304MAX			(F)	T304MAX timeout
+PO49901(1)				unexpected message
+UM59902				unexpected message
GOTO L2				
?TIMEOUT TWAIT			(I)	TWAIT timeout
+PO49901(1)				unexpected message
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.1.3, 9.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U02/V/DI/N/TC20203			
IDENTIFIER	TC20203			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 <IUT!DISC> START TWAIT L?DISCr CANCEL TWAIT +CS59901(11,1) L?DISCr CANCEL TWAIT +PO49901(1) L?DISCr CANCEL TWAIT +PO49901(1) ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L1	L1	DI3(0,CREf,16) DI3(0,CREf,18) DI3(0,CREf,102)	(P) (I) (I) (I)	preamble to U2 wait for DISC valid DISC, correct cause value state=11? valid DISC, incorrect cause value postamble to U0 valid DISC, incorrect cause value postamble to U0 no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.3 ETS 300 104/156 A.11.12				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U02/V/IN/N/TC20204			
IDENTIFIER	TC20204			
PURPOSE	OVERLAP SENDING STATE TESTS - STATE U2 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits an INFORMATION PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30201 <IUT!INFO> START TWAIT L?INFOr CANCEL TWAIT +CS59901(2,1) ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L1	L1	IN1(0,CREf)	(P) (I)	preamble to U2 wait for INFO state=2? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5, 5.1.3 ETS 300 104/156 A.11.11				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/AL/N/TC10301			
IDENTIFIER	TC10301			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an ALERTING PDU, the IUT enters the Call Delivered state U4.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!ALERT +CS59901(4,1)		AL2(CREf)		preamble to U3 valid ALERT state=4?
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.7 ETS 300 104/156 A.12.8				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/CN/N/TC10302			
IDENTIFIER	TC10302			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU, the IUT enters the Active state U10.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
[BCA=FALSE]				parameter (1)
L!CONN		CN2(CREF)		valid CONN
+CS59901(10,1)				state=10? (2)
[BCA=TRUE]				
L!CONN START TAC		CN2(CREF)		valid CONN
L?CONN_ACKr CANCEL TAC	L1	CA1(CREF)	(P)	valid CONN_ACK
+CS59901(10,1)				state=10? (2)
?TIMEOUT TAC			(F)	TAC timeout
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) The test suite parameter BCA has the value TRUE if the sending of CONN_ACK is supported. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.1.8 ETS 300 104/156 A.12.9				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/DI/N/TC10303			
IDENTIFIER	TC10303			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
L!DISC START TAC		DI2(1,CREF,16)		valid DISC
L?RELr CANCEL TAC	L1	RL1(0,CREF)	(P)	valid RELEASE
+CS59901(19,1)				state=19? (1)
?TIMEOUT TAC			(F)	no response
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.12.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/IN/N/TC10304			
IDENTIFIER	TC10304			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
L!INFO START TNOAC		IN2(1,CREF)		valid INFO
?TIMEOUT TNOAC	L1		(P)	no response
+CS59901(3,1)				state=3? (1)
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.12.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/PG/N/TC10305			
IDENTIFIER	TC10305			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!PROG START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	PG2(CREF)	(P)	preamble to U3 valid PROGRESS no response state=3? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.4 ETS 300 104/156 A.12.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/RC/N/TC10306			
IDENTIFIER	TC10306			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the state Null U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	RC2(1,CREF,16)	(P)	preamble to U3 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.12.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/RL/N/TC10307			
IDENTIFIER	TC10307			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!REL_START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	RL3(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U3 valid RELEASE valid RELEASE COMPLETE state=0? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.12.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/SQ/O/TC10308			
IDENTIFIER	TC10308			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 +CS59901(3,1)				preamble to U3 state=3? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/V/ST/N/TC10309			
IDENTIFIER	TC10309			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	ST2(1,CREF,111,0)	(P)	preamble to U3 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.12.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/I/CP/N/TC10310			
IDENTIFIER	TC10310			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CALL_PROC START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(3,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	CP2(CREF,bch_num) ST3(0,CREF,98,3) ST3(0,CREF,101,3) SQ1(0,CREF) ST2(1,CREF,30,3)	(P) (P) (P) (F)	preamble to U3 inopportune PDU valid STATUS valid STATUS state = 3? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.12.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10311			
IDENTIFIER	TC10311			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR26(CREF)	(P)	preamble to U3 invalid PDU (1) no response state=3? (2) unexpected message
EXTENDED COMMENTS (1) A CONNECT PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10312			
IDENTIFIER	TC10312			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR27(CREF)	(P)	preamble to U3 invalid call reference no response state=3? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10313			
IDENTIFIER	TC10313			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR29	(P)	preamb. to U3 dummy call reference no response state=3? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10314			
IDENTIFIER	TC10314			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CONN_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(3,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR30(1) ST4(0,81,0)	(P) (F)	preamble to U3 invalid call reference valid STATUS state=3? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10315			
IDENTIFIER	TC10315			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 [BCA=FALSE] L!CONN_ERROR +CS59901(10,1) [BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR32(CREF) ERR32(CREF) CA1(CREF)	 (P) (F)	preamble to U3 parameter (1) state=10? (2) valid CONN_ACK state=10? (1) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10316			
IDENTIFIER	TC10316			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 [BCA=FALSE] L!CONN_ERROR +CS59901(10,1) [BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1		ERR33(CREF)		preamble to U3 parameter invalid CONNECT state=10? (1)
	L1	ERR33(CREF) CA1(CREF)	(P)	invalid CONNECT valid CONNECT ACKNOWLEDGE state=10? (1)
			(F)	TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10317			
IDENTIFIER	TC10317			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 [BCA=FALSE] L!CONN_ERROR +CS59901(10,1) [BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1		ERR34(CREF)		preamble to U3 parameter invalid CONNECT state=10? (1)
	L1	ERR34(CREF) CA1(CREF)	(P)	invalid CONNECT valid CONNECT ACKNOWLEDGE state=10? (2)
			(F)	TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) The test suite parameter BCA has the value TRUE if the sending of CONNECT ACKNOWLEDGE is supported. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10318			
IDENTIFIER	TC10318			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CONNECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
L!CONN_ERROR START TAC		ERR35(CREF)		invalid PDU (1)
L?STATUSr CANCEL TAC	L1	ST3(0,CREf,96,3)	(P)	valid STATUS
+CS59901(3,1)				state=3? (2)
?TIMEOUT TAC			(F)	no response
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) An invalid CONNECT containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10319			
IDENTIFIER	TC10319			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT PDU with unrecognised optional information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 99.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
[BCA=FALSE]				
(STAT_TRANSM::=FALSE,ECV::=99)				
L!CONN_ERROR START TNOAC		ERR36(CREF)		invalid PDU (1)
L?STATUSr CANCEL TNOAC	L1	ST6(0,CREf,ECV)	(P)	valid STATUS (3)
(STAT_TRANSM::=TRUE)				
+CS59901(10,1)				state=10? (2)
?TIMEOUT TNOAC			(P)	state=10? (2)
+CS59901(10,1)				unexpected message
+UM59902				
GOTO L1				
[BCA=TRUE]				
(STAT_TRANSM::=FALSE,ECV::=99)				
L!CONN_ERROR START TAC		ERR36(CREF)		invalid PDU (1)
L?STATUSr [STAT_TRANSM=FALSE]	L2	ST6(0,CREf,ECV)	(P)	valid STATUS
(STAT_TRANSM::=TRUE)				
L?CONN_ACKr CANCEL TAC	L3	CA1(CREF)	(P)	valid PDU
+CS59901(10,1)				state=10? (2)
?TIMEOUT TAC			(F)	postamble to U0
+PO49901(1)				unexpected message
+UM59902				
GOTO L3				
L?CONN_ACKr CANCEL TAC		CA1(CREF)	(P)	valid PDU
+CS59901(10,1)				state=10? (2)
?TIMEOUT TAC			(F)	postamble to U0
+PO49901(1)				unexpected message
+UM59902				
GOTO L2				
EXTENDED COMMENTS (1) An invalid CONNECT PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. (3) CSTV is 3 or 10. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10320			
IDENTIFIER	TC10320			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining content as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
[BCA=FALSE] (STAT_TRANSM::=FALSE,ECV::=100) L!CONN_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS59901(10,1) ?TIMEOUT TNOAC +CS59901(10,1) +UM59902 GOTO L1	L1	ERR37(CREF) ST6(0,CREF,ECV)	(P)	invalid PDU (1) (3)
[BCA=TRUE] (STAT_TRANSM::=FALSE,ECV::=100) L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) L?STATUSr [STAT_TRANSM=FALSE] (STAT_TRANSM::=TRUE) GOTO L2 ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L2	L2	ERR37(CREF) CAL(CREF) ST6(0,CREF,ECV)	(P) (P) (F)	invalid PDU (1) valid PDU state=10? (2) valid STATUS postamble to U0 unexpected message
EXTENDED COMMENTS (1) A CONNECT PDU with an invalid Progress indicator information element is used. (2) The subtree CS59901 is used for checking the IUT state. (3) CSTV is 3 or 10. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10321			
IDENTIFIER	TC10321			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR50(1,CREF) RL2(0,CREF,96)	(P) (F)	preamble to U3 invalid DISCONNECT valid RELEASE state=19? (1) postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10322			
IDENTIFIER	TC10322			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
L!DISC_ERROR START TAC		ERR53(1,CREF)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(0,CREF,100)	(P)	valid RELEASE state=19? (2)
+CS59901(19,1)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(1)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS				
(1) An invalid DISCONNECT PDU with an invalid Cause information element is used.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/N/TC10323			
IDENTIFIER	TC10323			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
L!ERR_SHORT START TAC		ERR7(CREF)		invalid PDU (1)
L?STATUSr CANCEL TAC	L1	ST3(0,CREF,97,3)	(P)	valid STATUS
+PO49901(1)				
L?STATUSr CANCEL TAC		ST3(0,CREF,98,3)	(P)	valid STATUS
+PO49901(1)				
L?ST_ENQr CANCEL TAC		SQ1(0,CREF)	(P)	
L!STATUS		ST2(1,CREF,30,3)		
+CS59901(3,1)			(F)	state = 3?
?TIMEOUT TAC				no response
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) PDU with invalid message type is used.				
References to Recommendations				
ETS 300 102-1 5.8.4				
ETS 300 104/156 A.12.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10324			
IDENTIFIER	TC10324			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR28(1,CREF)	(P)	preamble to U3 invalid call reference no response state=3? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U03/S/ER/O/TC10325			
IDENTIFIER	TC10325			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(3,1) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U3 invalid PDU (1) no response (2) state=3? unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U03/V/DI/N/TC20301			
IDENTIFIER	TC20301			
PURPOSE	OUTGOING CALL PROCEEDING STATE TESTS - STATE U3 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 <IUT!DISC> START TWAIT L?DISCr CANCEL TWAIT +CS59901(11,1) L?DISCr CANCEL TWAIT +PO49901(1) L?DISCr CANCEL TWAIT +PO49901(1) ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L1	L1	DI3(0,CREF,16) DI3(0,CREF,18) DI3(0,CREF,102)	(P) (I) (I) (I)	preamble to U3 wait for DISC valid DISC, correct cause value state=11? (1) valid DISC, incorrect cause value postamble to U0 valid DISC, incorrect cause value postamble to U0 no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.3 ETS 300 104/156 A.12.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U03/V/10/O/TC20302			
IDENTIFIER	TC20302			
PURPOSE	TIMER TESTS - TIMER T310 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the optional timer T310.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301				preamble to U3
START T310MAX				
L?DISC<r READTIMER T310MAX(T) ,	L1	DI1(0,CREF)	(P)	valid DISCONNECT
# CANCEL T310MAX				
[TIME(T310max,T310min,T)=TRUE]			(P)	T310 is OK
+PO49901(1)				postamble to U0
[TIME(T310max,T310min,T)=FALSE]			(F)	T310 is not OK
+PO49901(1)				postamble to U0
?TIMEOUT T310MAX			(F)	T310MAX timeout
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
References to Recommendations				
ETS 300 102-1 9.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/CN/N/TC10401			
IDENTIFIER	TC10401			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a CONNECT PDU, the IUT enters the Active state U10.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401				preamble to U4
[BCA=FALSE]				parameter (1)
L!CONN		CN2(CREF)		valid CONNECT
+CS59901(10,1)				state=10? (2)
[BCA=TRUE]				
L!CONN START TAC		CN2(CREF)		valid CONN
L?CONN<_ACK<r CANCEL TAC	L1	CA1(CREF)	(P)	valid CONN<_ACK
+CS59901(10,1)				state=10? (2)
?TIMEOUT TAC			(F)	TAC timeout
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) The test suite parameter BCA has the value TRUE if the sending of CONNECT ACKNOWLEDGE is supported.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.1.8		ETS 300 104/156 A.13.8		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/DI/N/TC10402			
IDENTIFIER	TC10402			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	DI2(1,CREF,16) RL1(0,CREF)	(P) (F)	preamble to U4 valid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.13.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/IN/N/TC10403			
IDENTIFIER	TC10403			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	IN2(1,CREF)	(P)	preamble to U4 valid INFO no response state=4? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.13.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/PG/N/TC10404			
IDENTIFIER	TC10404			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a PROGRESS PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!PROG START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	PG2(CREF)	(P)	preamble to U4 valid PROGRESS no response state=4? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.4 ETS 300 104/156 A.13.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/RC/N/TC10405			
IDENTIFIER	TC10405			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	RC2(1,CREF,16)	(P)	preamble to U4 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.13.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/RL/N/TC10406			
IDENTIFIER	TC10406			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!REL_START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	RL3(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U4 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.13.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/SQ/O/TC10407			
IDENTIFIER	TC10407			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 +CS59901(4,1)				preamble to U4 state=4? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/V/ST/N/TC10408			
IDENTIFIER	TC10408			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	ST2(1,CREF,111,0)	(P)	preamble to U4 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.13.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/I/AL/N/TC10409			
IDENTIFIER	TC10409			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS message with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!ALERT START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(4,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	AL2(CREF) ST3(0,CREF,98,4) ST3(0,CREF,101,4) SQ1(0,CREF) ST2(1,CREF,30,4)	(P) (P) (P) (F)	preamble to U4 inopportune PDU valid STATUS valid STATUS state = 4? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.13.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10410			
IDENTIFIER	TC10410			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	ERR26(CREF)	(P)	preamble to U4 invalid PDU (1) no response state=4? (2) unexpected message
EXTENDED COMMENTS (1) A CONNECT PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10411			
IDENTIFIER	TC10411			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	ERR27(CREF)	(P)	preamble to U4 invalid call reference no response state=4? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10412			
IDENTIFIER	TC10412			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	ERR29	(P)	preamb. to U4 dummy call reference no response state=4? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10413			
IDENTIFIER	TC10413			
PURPOSE	CALL DELIVERED STATE TEST - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(4,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR30(1) ST4(0,81,0)	(P) (F)	preamble to U4 invalid CONNECT valid STATUS state=4? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10414			
IDENTIFIER	TC10414			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 [BCA=FALSE] L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(10,1) +UM59902 GOTO L1	L1	ERR32(CREF)	(P)	preamble to U4 parameter invalid CONNECT (1) state=10? (2) unexpected message
[BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L2	L2	ERR32(CREF) CA1(CREF)	(P) (F)	invalid CONNECT (1) valid CONNECT ACKNOWLEDGE state=10? (2) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10415			
IDENTIFIER	TC10415			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 [BCA=FALSE] L!CONN_ERROR +CS59901(10,1) [BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR33(CREF) ERR33(CREF) CA1(CREF)	(P) (F)	preamble to U4 parameter invalid CONNECT (1) state=10? (2) parameter (1) invalid CONNECT valid CONNECT ACKNOWLEDGE state=10? (2) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) The test suite parameter BCA has the value TRUE if the sending of CONNECT ACKNOWLEDGE is supported. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10416			
IDENTIFIER	TC10416			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 [BCA=FALSE] L!CONN_ERROR +CS59901(10,1) [BCA=TRUE] L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1		ERR34(CREF)		preamble to U4 parameter (1) CONNECT state=10? (2) parameter (1) CONNECT (P) valid CONNECT ACKNOWLEDGE state=10? (2) (F) TAC timeout postamble to U0 unexpected message
EXTENDED COMMENTS (1) The test suite parameter BCA has the value TRUE if the sending of CONNECT ACKNOWLEDGE is supported. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10417			
IDENTIFIER	TC10417			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds the receipt of a CONNECT PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(4,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR35(CREF) ST3(0,CREF,96,4)		preamble to U4 invalid PDU (1) valid STATUS state=4? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid CONNECT PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10418			
IDENTIFIER	TC10418			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause 99.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401				preamble to U4
[BCA=FALSE]				
(STAT_TRANSM::=FALSE,ECV::=99)				
L!CONN_ERROR START TNOAC		ERR36(CREF)		invalid PDU (1)
L?STATUSr CANCEL TNOAC	L1	ST6(0,CREF,ECV)	(P)	(3)
(STAT_TRANSM::=TRUE)				
+CS59901(10,1)				state=10? (2)
?TIMEOUT TNOAC			(P)	
+CS59901(10,1)				state=10? (2)
+UM59902				unexpected message
GOTO L1				
[BCA=TRUE]				
(STAT_TRANSM::=FALSE,ECV::=99)				
L!CONN_ERROR START TAC		ERR36(CREF)		invalid PDU (1)
L?STATUSr [STAT_TRANSM=FALSE]	L2	ST6(0,CREF,ECV)	(P)	valid STATUS
(STAT_TRANSM::=TRUE)				
L?CONN_ACKr CANCEL TAC	L3	CA1(CREF)	(P)	valid PDU
+CS59901(10,1)				state=10? (2)
?TIMEOUT TAC			(F)	
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L3				
L?CONN_ACKr CANCEL TAC		CA1(CREF)	(P)	valid PDU
+CS59901(10,1)				state=10? (2)
?TIMEOUT TAC			(F)	
+PO49901(1)				postamble to U0
+UM59902				unexpected message
GOTO L2				
EXTENDED COMMENTS				
(1) An invalid CONNECT PDU containing an unrecognised information element with comprehension not required.				
(2) The subtree CS59901 is used for checking the IUT state.				
(3) CSTV is 4 or 10.				
References to Recommendations				
ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10419			
IDENTIFIER	TC10419			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401				preamble to U4
[BCA=FALSE] (STAT_TRANSM::=FALSE,ECV::=100) L!CONN_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS59901(10,1) ?TIMEOUT TNOAC +CS59901(10,1) +UM59902 GOTO L1	L1	ERR37(CREF) ST6(0,CREF,ECV)	(P)	invalid PDU (1) valid STATUS (3)
			(P)	state=10? (2)
			(P)	state=10? (2)
				unexpected message
[BCA=TRUE] (STAT_TRANSM::=FALSE,ECV::=100) L!CONN_ERROR START TAC L?CONN_ACKr CANCEL TAC +CS59901(10,1) L?STATUSr [STAT_TRANSM=FALSE] (STAT_TRANSM::=TRUE) GOTO L2 ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L2	L2	ERR37(CREF) CA1(CREF) ST6(0,CREF,ECV)	(P)	invalid PDU (1) valid PDU state=10? (2)
			(P)	valid STATUS (2)
			(F)	postamble to U0 unexpected message
EXTENDED COMMENTS (1) A CONNECT PDU with an invalid Progress indicator information element is used. (2) The subtree CS59901 is used for checking the IUT state. (3) CSTV is 4 or 10. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10420			
IDENTIFIER	TC10420			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR50(1,CREF) RL2(0,CREF,96)	(P)	preamble to U4 invalid DISCONNECT valid RELEASE state=19? (1)
			(F)	postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10421			
IDENTIFIER	TC10421			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR53(1,CREF) RL2(0,CREF,100)	(P) (F)	preamble to U4 invalid PDU (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/N/TC10422			
IDENTIFIER	TC10422			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 97 or 98, or a STATUS ENQUIRY PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(4,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR7(CREF) ST3(0,CREF,97,4) ST3(0,CREF,98,4) SQ1(0,CREF) ST2(1,CREF,30,4)	(P) (P) (P) (F)	preamble to U4 invalid PDU (1) valid STATUS valid STATUS state = 4? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) A PDU with invalid message type is used. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.13.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10423			
IDENTIFIER	TC10423			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	ERR28(1,CREF)	(P)	preamble to U4 invalid call reference no response state=4? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U04/S/ER/O/TC10424			
IDENTIFIER	TC10424			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(4,1) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U4 invalid PDU (1) no response (2) state=4? unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U04/V/DI/N/TC20401			
IDENTIFIER	TC20401			
PURPOSE	CALL DELIVERED STATE TESTS - STATE U4 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a DISCONNECT PDU and enters the Disconnect Request state U11.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30401 <IUT!DISC> START TWAIT L?DISC< CANCEL TWAIT +CS59901(11,1) ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L1	L1	DI3(0,CREF,16)	(P) (I)	preamble to U4 wait for DISC valid DISC state=11? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.3 ETS 300 104/156 A.13.9				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/DI/N/TC10701			
IDENTIFIER	TC10701			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	DI2(0,CREf,16) RL1(1,CREf)	(P) (F)	preamble to U7 valid DISC valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/IN/N/TC10702			
IDENTIFIER	TC10702			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(7,0) +UM59902 GOTO L1	L1	IN2(0,CREf)	(P)	preamble to U7 valid INFO no response state=7? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.6.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/RC/N/TC10703			
IDENTIFIER	TC10703			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREf,16)	(P)	preamble to U7 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.6.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/RL/N/TC10704			
IDENTIFIER	TC10704			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RC1(1,CREF)	(P) (F)	preamble to U7 valid REL valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.2 ETS 300 104/156 A.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/SQ/O/TC10705			
IDENTIFIER	TC10705			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 +CS59901(7,0)				preamble to U7 state=7? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/V/ST/N/TC10706			
IDENTIFIER	TC10706			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U7 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.6.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10710			
IDENTIFIER	TC10710			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(7,0) +UM59902 GOTO L1	L1	ERR44(31)	(P)	preamb. to U7 dummy call reference no response state=7? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10711			
IDENTIFIER	TC10711			
PURPOSE	CALL RECEIVED STATE TEST - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(7,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR45(0,16) ST4(1,81,0)	(P) (F)	preamble to U7 invalid DISCONNECT valid STATUS state=7? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10712			
IDENTIFIER	TC10712			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TAC L?RELEr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR47(0,CREf,31) RL1(1,CREf)	(P) (F)	preamble to U7 invalid DISCONNECT (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10713			
IDENTIFIER	TC10713			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR48(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U7 invalid DISCONNECT valid RELEASE state=19? TAC timeout postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10714			
IDENTIFIER	TC10714			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR49(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U7 DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10715			
IDENTIFIER	TC10715			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR50(0,CREF) RL2(1,CREF,96)	(P) (F)	preamble to U7 invalid DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10716			
IDENTIFIER	TC10716			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701				preamble to U7
L!DISC_ERROR START TAC		ERR53(0,CREF)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,100)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10717			
IDENTIFIER	TC10717			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701				preamble to U7
L!DISC_ERROR START TAC		ERR51(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,96)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U07/S/ER/O/TC10722			
IDENTIFIER	TC10722			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the state U7.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(7,0) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U7 invalid PDU (1) no response state=7? unexpected message (2)
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U07/V/PG/N/TC20701			
IDENTIFIER	TC20701			
PURPOSE	CALL RECEIVED STATE TESTS - STATE U7 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a PROGRESS PDU when prompted and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30701 <IUT!PROG> START TWAIT L?PROG CANCEL TWAIT +CS59901(7,0) L?PROG CANCEL TWAIT +CS59901(7,0) L?PROG CANCEL TWAIT +CS59901(7,0) ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1	L1	PG1(CREF,1) PG1(CREF,2) PG1(CREF,4)	(P) (P) (P) (I)	preamble to U7 wait for PROG valid PROGRESS state=7? (1) valid PROGRESS state=7? (2) valid PROGRESS state=7? (3) valid PROGRESS state=7? (2) valid PROGRESS state=7? (4) no response (2) postamble to U0 unexpected message
EXTENDED COMMENTS (1) Call is not end-to-end ISDN. (2) The subtree CS59901 is used for checking the IUT state. (3) Destination address is non-ISDN. (4) Call has returned to ISDN. References to Recommendations ETS 300 102-1 5.2.6 ETS 300 104/156 A.6.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/CA/N/TC10801			
IDENTIFIER	TC10801			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT enters the Active state U10 on receipt of a CONNECT ACKNOWLEDGE PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!CONN_ACK +CS59901(10,0)		CA2(CREF)		preamble to U8 valid CONNECT ACKNOWLEDGE state=10? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.2.8 ETS 300 104/156 A.7.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/DI/N/TC10802			
IDENTIFIER	TC10802			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	DI2(0,CREf,16) RL1(1,CREf)	(P) (F)	preamble to U8 valid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/IN/N/TC10803			
IDENTIFIER	TC10803			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(8,0) +UM59902 GOTO L1	L1	IN2(0,CREf)	(P)	preamble to U8 valid INFO no response state=8? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.7.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/RC/N/TC10804			
IDENTIFIER	TC10804			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREf,16)	(P)	preamble to U8 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.7.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/RL/N/TC10805			
IDENTIFIER	TC10805			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RC1(1,CREF)	(P) (F)	preamble to U8 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.2 (b), 5.2.9 ETS 300 104/156 A.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/SQ/O/TC10806			
IDENTIFIER	TC10806			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 +CS59901(8,0)				preamble to U8 state=8? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/V/ST/N/TC10807			
IDENTIFIER	TC10807			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U8 STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.7.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10811			
IDENTIFIER	TC10811			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(8,0) +UM59902 GOTO L1	L1	ERR44(31)	(P)	preamb. to U8 dummy call reference no response state=8? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10812			
IDENTIFIER	TC10812			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(8,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR45(0,31) ST4(1,81,0)	(P) (F)	preamble to U8 invalid DISCONNECT valid STATUS state=8? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10813			
IDENTIFIER	TC10813			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!CONN_ACK_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR131(CREF)	(P)	preamble to U8 invalid CONNECT ACKNOWLEDGE no response state=10? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10814			
IDENTIFIER	TC10814			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a CONNECT ACKNOWLEDGE PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!CONN_ACK_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(8,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR132(CREF) ST3(1,CREF,96,8)	(P) (F)	preamble to U8 invalid PDU (1) valid STATUS state=8? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid CONNECT_ACK PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10815			
IDENTIFIER	TC10815			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a CONNECT ACKNOWLEDGE PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause 99.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 (STAT_TRANSM:=FALSE,ECV:=99) L!CONN_ACK_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM:=TRUE) +CS59901(10,0) ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR133(CREF) ST6(1,CREF,ECV)	(P) (P)	preamble to U8 invalid PDU (1) valid STATUS (3) state=10? (2) no response state=10? (2) unexpected message
EXTENDED COMMENTS (1) An invalid CONNECT ACKNOWLEDGE PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. (3) CSTV is 8 or 10. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10816			
IDENTIFIER	TC10816			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a CONNECT ACKNOWLEDGE PDU with non-mandatory information element with content error, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 (STAT_TRANSM::=FALSE,ECV::=100) L!CONN_ACK_ERROR START TNOAC L?STATUSr CANCEL TNOAC (STAT_TRANSM::=TRUE) +CS59901(10,0) ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR134(CREF) ST6(1,CREF,ECV)	(P)	preamble to U8 invalid PDU (1) valid STATUS (3) state=10? (2) no response (P) state=10? (2) unexpected message
EXTENDED COMMENTS (1) A CONNECT_ACK PDU with an invalid Display information element is used. (2) The subtree CS59901 is used for checking the IUT state. (3) CSTV is 8 or 10. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10817			
IDENTIFIER	TC10817			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR47(0,CREF,31) RL1(1,CREF)	(P)	preamble to U8 invalid DISCONNECT (1) valid RELEASE (P) state=19? (2) no response (F) postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10818			
IDENTIFIER	TC10818			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR49(0,CREf,16) RL1(1,CREf)	(P) (F)	preamble to U8 DISCONNECT valid RELEASE state=19? (1) postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10819			
IDENTIFIER	TC10819			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR50(0,CREf) RL2(1,CREf,96)	(P) (F)	preamble to U8 invalid DISCONNECT valid RELEASE state=19? (1) postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10820			
IDENTIFIER	TC10820			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR53(0,CREf) RL2(1,CREf,100)	(P) (F)	preamble to U8 invalid PDU (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/N/TC10821			
IDENTIFIER	TC10821			
PURPOSE	CONNECT REQUEST STATE TEST - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(0) L?STATUSr CANCEL TAC +PO49901(0) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(8,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR5(CREF) ST3(1,CREF,97,8) ST3(1,CREF,98,8) SQ1(1,CREF) ST2(0,CREF,30,8)	(P) (P) (P) (F)	preamble to U8 invalid PDU valid STATUS valid STATUS state = 8? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) PDU with invalid message type is used. References to Recommendations ETS 300 102-1 5.8.4				
ETS 300 104/156 A.7.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10822			
IDENTIFIER	TC10822			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!CONN_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(8,0) +UM59902 GOTO L1	L1	ERR28(1,CREF)	(P)	preamble to U8 invalid call reference no response state=8? unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U08/S/ER/O/TC10823			
IDENTIFIER	TC10823			
PURPOSE	CONNECT REQUEST STATE TESTS - STATE U8 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(8,0) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U8 invalid PDU (1) no response state=8? (2) unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U08/V/13/N/TC20801			
IDENTIFIER	TC20801			
PURPOSE	TIMER TESTS - TIMER T313 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T313.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30801 START T313MAX L?DISCr READTIMER T313MAX(T) , # CANCEL T313MAX [TIME(T313max,T313min,T)=TRUE] +PO49901(0) [TIME(T313max,T313min,T)=FALSE] +PO49901(0) ?TIMEOUT T313MAX +PO49901(0) +UM59902 GOTO L1	L1	DI1(1,CREF)	(P) (P) (F) (F)	preamble to U8 valid DISC T313 is OK postamble to U0 T313 is not OK postamble to U0 T313MAX timeout postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.2.7, 5.2.8, 9.1 ETS 300 104/156 A.19.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/DI/N/TC10901			
IDENTIFIER	TC10901			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	DI2(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U9 valid DISC valid RELEASE state=19? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/IN/N/TC10902			
IDENTIFIER	TC10902			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	IN2(0,CREF)	(P)	preamble to U9 no response state=9? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.5.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/RC/N/TC10903			
IDENTIFIER	TC10903			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREF,16)	(P)	preamble to U9 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.5.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/RL/N/TC10904			
IDENTIFIER	TC10904			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RCL(1,CREF)	(P) (F)	preamble to U9 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.2 (b) ETS 300 104/156 A.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/SQ/O/TC10905			
IDENTIFIER	TC10905			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 +CS59901(9,0)				preamble to U9 state=9? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/V/ST/N/TC10906			
IDENTIFIER	TC10906			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT moves into the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U9 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.5.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/I/CN/N/TC10907			
IDENTIFIER	TC10907			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause 98 or 101, or a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!CONN START TAC L?STATUSr CANCEL TAC +PO49901(0) L?STATUSr CANCEL TAC +PO49901(0) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(9,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	CN3(CREF) ST3(1,CREF,98,9) ST3(1,CREF,101,9) SQ1(1,CREF) ST2(0,CREF,30,9)	(P) (P) (P) (F)	preamble to U9 inopportune PDU valid STATUS valid STATUS state = 9? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.5.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10908			
IDENTIFIER	TC10908			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	ERR41(0,CREF,31)	(P)	preamble to U9 invalid PDU (1) no response state=9? (2) unexpected message
EXTENDED COMMENTS (1) A DISCONNECT PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10909			
IDENTIFIER	TC10909			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	ERR42(0,CREF,31)	(P)	preamble to U9 invalid call reference no response state=9? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10910			
IDENTIFIER	TC10910			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	ERR44(31)	(P)	preamb. to U9 dummy call reference no response state=9? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. (2) The test suite parameter BCP has the value TRUE if CALL_PROCEEDING is implemented. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10911			
IDENTIFIER	TC10911			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(9,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR45(0,16) ST4(1,81,0)	(P) (F)	preamble to U9 invalid DISCONNECT valid STATUS state=9? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10912			
IDENTIFIER	TC10912			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR47(0,CREF,31) RL1(1,CREF)	(P) (F)	preamble to U9 invalid DISCONNECT (1) valid RELEASE (2) state=19? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10913			
IDENTIFIER	TC10913			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR48(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U9 invalid DISCONNECT valid RELEASE (1) state=19? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10917			
IDENTIFIER	TC10917			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901				preamble to U9
L!DISC_ERROR START TAC		ERR51(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,96)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS				
(1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension required coded as '01'H.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10918			
IDENTIFIER	TC10918			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901				preamble to U9
L!DISC_ERROR START TAC		ERR52(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,99)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS				
(1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension not required.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10921			
IDENTIFIER	TC10921			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1. bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	ERR43(0,CREF,31)	(P)	preamble to U9 invalid call reference no response state=9? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U09/S/ER/O/TC10922			
IDENTIFIER	TC10922			
PURPOSE	INCOMING CALL PROCEEDING STATE TESTS - STATE U9 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(9,0) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U9 invalid PDU (1) no response state=9? unexpected message (2)
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U09/V/PG/N/TC20901			
IDENTIFIER	TC20901			
PURPOSE	INCOMING CALL PROCEEDING STATE TEST - STATE U9 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a PROGRESS PDU when prompted and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30901 <IUT!PROG> START TWAIT L?PROGr CANCEL TWAIT +CS59901(9,0) L?PROGr CANCEL TWAIT +CS59901(9,0) L?PROGr CANCEL TWAIT +CS59901(9,0) ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1	L1	PG1(CREF,1) PG1(CREF,2) PG1(CREF,4)	(P) (P) (P) (I)	preamble to U9 wait for PROG valid PROGRESS state=9? (1) valid PROGRESS state=9? (2) valid PROGRESS state=9? (3) valid PROGRESS state=9? (4) PROG not received (2) postamble to U0 unexpected message
EXTENDED COMMENTS (1) Call is not end-to-end ISDN. (2) The subtree CS59901 is used for checking the IUT state. (3) Destination address is non-ISDN. (4) Call has returned to ISDN. References to Recommendations ETS 300 102-1 5.2.6 ETS 300 104/156 A.5.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/DI/N/TC11001			
IDENTIFIER	TC11001			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT responds to a DISCONNECT PDU with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	DI2(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U10 valid DISCONNECT valid RELEASE state=19? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/IN/N/TC11002			
IDENTIFIER	TC11002			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	IN2(0,CREF)	(P)	preamble to U10 valid INFO no response state=10? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.8.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/NO/N/TC11003			
IDENTIFIER	TC11003			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a NOTIFY PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!NOTIFY START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	NO2(0,CREF)	(P)	preamble to U10 valid NOTIFY no response state=10? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.6.2, 5.6.4, 5.9 ETS 300 104/156 A.8.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/RC/N/TC11004			
IDENTIFIER	TC11004			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREF,16)	(P)	preamble to U10 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.8.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/RL/N/TC11005			
IDENTIFIER	TC11005			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RCl(1,CREF)	(P) (F)	preamble to U10 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/SQ/O/TC11006			
IDENTIFIER	TC11006			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 +CS59901(10,0)				preamble to U10 state=10? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/V/ST/N/TC11007			
IDENTIFIER	TC11007			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U10 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11011			
IDENTIFIER	TC11011			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR44(31)	(P)	preamb. to U10 dummy call reference no response state=10? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11012			
IDENTIFIER	TC11012			
PURPOSE	ACTIVE CALL STATE TEST - U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(10,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR45(0,16) ST4(1,81,0)	(P) (F)	preamble to U10 invalid DISCONNECT valid STATUS state=10? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11013			
IDENTIFIER	TC11013			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR47(0,CREF,31) RL1(1,CREF)	(P) (F)	preamble to U10 invalid DISCONNECT (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11014			
IDENTIFIER	TC11014			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR48(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U10 invalid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11015			
IDENTIFIER	TC11015			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR49(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U10 DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11016			
IDENTIFIER	TC11016			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR50(0,CREF) RL2(1,CREF,96)	(P) (F)	preamble to U10 invalid DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11017			
IDENTIFIER	TC11017			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
L!DISC_ERROR START TAC		ERR53(0,CREF)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,100)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11018			
IDENTIFIER	TC11018			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
L!DISC_ERROR START TAC		ERR51(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,96)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11019			
IDENTIFIER	TC11019			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR52(0,CREf,16) RL2(1,CREf,99)	(P) (F)	preamble to U10 invalid PDU (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11020			
IDENTIFIER	TC11020			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally send a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 (STAT_TRANSM::=FALSE,ECV::=100) L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) L?STATUSr [STAT_TRANSM=FALSE] (STAT_TRANSM::=TRUE) GOTO L1 ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR54(0,CREf,16) RL1(1,CREf) ST6(1,CREf,ECV)	(P) (P) (F)	preamble to U10 invalid PDU (1) valid RELEASE state=19? (2) valid STATUS no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) A DISCONNECT PDU with an invalid Progress indicator information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/N/TC11021			
IDENTIFIER	TC11021			
PURPOSE	ACTIVE STATE TEST - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or a with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(0) L?STATUSr CANCEL TAC +PO49901(0) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(10,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR5(CREF) ST3(1,CREF,97,10) ST3(1,CREF,98,10) SQ1(1,CREF) ST2(0,CREF,30,10)	(P) (P) (P) (F)	preamble to U10 invalid PDU (1) valid STATUS valid STATUS state = 10? no response unexpected message
EXTENDED COMMENTS (1) A PDU with invalid message type is used. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.8.4.2.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/N/TC11022			
IDENTIFIER	TC11022			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR43(0,CREF,31)	(P)	preamble to U10 invalid call reference (1) no response state=10? unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1 ETS 300 104/156 A.8.4.2.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U10/S/ER/O/TC11023			
IDENTIFIER	TC11023			
PURPOSE	ACTIVE STATE TESTS - STATE U10 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(10,0) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U10 invalid PDU (1) no response state=10? (2) unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U10/V/08/N/TC21001			
IDENTIFIER	TC21001			
PURPOSE	TIMER TESTS - TIMER T308 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T308 in the active state U10.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 L!DISC START TAC L?RELr CANCEL TAC , START T308MAX L?RELr READTIMER T308MAX(T) , # CANCEL T308MAX [TIME(T308max,T308min,T)=TRUE] L!REL_COM [TIME(T308max,T308min,T)=FALSE] L!REL_COM ?TIMEOUT T308MAX +PO49901(0) +UM59902 GOTO L2 ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1 L2	DI2(0,CREF,16) RL1(1,CREF) RL1(1,CREF) RC2(0,CREF,16) RC2(0,CREF,16)	(P) P F (F) (F)	preamble to U10 valid DISCONNECT valid RELEASE valid RELEASE T308 is OK T308 is not OK postamble to U0 unexpected message TAC timeout unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.19.4				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U10/V/NO/N/TC21004			
IDENTIFIER	TC21004			
PURPOSE	ACTIVE STATE TEST - STATE U10 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that the IUT transmits a NOTIFY PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 <IUT!NOTIFY> START TWAIT L?NOTIFYr CANCEL TWAIT +CS59901(10,0) ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1	L1	NO1(1,CREF)	(P) (I)	preamble to U10 wait for NOTIFY valid NOTIFY state=10? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.9 ETS 300 104/156 A.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U10/V/05/N/TC21006			
IDENTIFIER	TC21006			
PURPOSE	TIMER TESTS - TIMER T305 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of the mandatory timer T305 in this Disconnect Request state U11.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 <IUT!DISC> START TWAIT L?DISCr # (D:=BIT_TO_INT(DISC.CAU_E4_CV)) # CANCEL TWAIT , START T305MAX L?RELr READTIMER T305MAX(T) , # CANCEL T305MAX [TIME(T305max,T305min,T)=TRUE] L!REL_COM [TIME(T305max,T305min,T)=FALSE] L!REL_COM ?TIMEOUT T305MAX +PO49901(0) +UM59902 GOTO L2 ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1	L1 L2	DI1(1,CREF) RL2(1,CREF,D) RC2(0,CREF,16) RC2(0,CREF,16)	(P) (P) P (F) (I)	preamble to U10 wait for DISCONNECT valid DISCONNECT valid RELEASE T305 is OK T305 is not OK T305MAX timeout postamble to U0 unexpected message postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The local variable D is used to store the DISCONNECT cause value and to compare it with the RELEASE cause value. References to Recommendations ETS 300 102-1 5.3.3 ETS 300 104/156 A.19.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/DI/N/TC11101			
IDENTIFIER	TC11101			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT responds with a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!DISC START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	DI2(1,CREF,16) RL1(0,CREF)	(P) (F)	preamble to U11 valid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.5 ETS 300 104/156 A.14.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/IN/N/TC11102			
IDENTIFIER	TC11102			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	IN2(1,CREF)	(P)	preamble to U11 valid INFO no response state=11? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.14.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/NO/N/TC11103			
IDENTIFIER	TC11103			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a NOTIFY PDU, the IUT does not respond or returns a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!NOTIFY START TNOAC L?STATUSr CANCEL TNOAC +CS59901(11,1) ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	NO2(1,CREF) ST1(0,CREF,11)	(P) (P)	preamble to U11 valid NOTIFY valid STATUS state=11? no response state=11? unexpected message (1) (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.9 ETS 300 104/156 A.14.7				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/RC/N/TC11104			
IDENTIFIER	TC11104			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	RC2(1,CREF,16)	(P)	preamble to U11 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.14.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/RL/N/TC11105			
IDENTIFIER	TC11105			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	RL3(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U11 valid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.3, 5.3.4 ETS 300 104/156 A.14.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/V/ST/N/TC11106			
IDENTIFIER	TC11106			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(1) +UM59902 GOTO L1	L1	ST2(1,CREF,111,0)	(P)	preamble to U11 no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.14.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/I/CP/N/TC11107			
IDENTIFIER	TC11107			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!CALL_PROC START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(11,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	CP2(CREF,bch_num) ST3(0,CREF,98,11) ST3(0,CREF,101,11) SQ1(0,CREF) ST2(1,CREF,30,11)	(P) (P) (P) (F)	preamble to U11 inopportune PDU valid STATUS valid STATUS state = 11? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4				
ETS 300 104/156 A.14.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11108			
IDENTIFIER	TC11108			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	ERR56(1,CREF)	(P)	preamble to U11 invalid PDU (1) no response state=11? (2) unexpected message
EXTENDED COMMENTS (1) A RELEASE PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11109			
IDENTIFIER	TC11109			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	ERR57(1,CREF)	(P)	preamble to U11 invalid call reference no response state=11? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11110			
IDENTIFIER	TC11110			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	ERR59	(P)	preamb. to U11 dummy call reference no response state=11? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11111			
IDENTIFIER	TC11111			
PURPOSE	DISCONNECT REQUEST STATE TEST - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(11,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR60(1) ST4(0,81,0)	(P) (F)	preamble to U11 invalid RELEASE valid STATUS state=11? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11112			
IDENTIFIER	TC11112			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR62(1,CREF) RCl(0,CREF)	(P) (F)	preamble to U11 invalid RELEASE valid RELEASE state=0?(2) no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11113			
IDENTIFIER	TC11113			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR63(1,CREF) RC1(0,CREF)	(P) (F)	preamble to U11 invalid RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11114			
IDENTIFIER	TC11114			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR64(1,CREF,16) RC1(0,CREF)	(P) (F)	preamble to U11 RELEASE valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11115			
IDENTIFIER	TC11115			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR50(1,CREF) RL2(0,CREF,96)	(P) (F)	preamble to U11 invalid DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11116			
IDENTIFIER	TC11116			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element with content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101				preamble to U11
L!DISC_ERROR START TAC		ERR53(1,CREF)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(0,CREF,100)	(P)	valid RELEASE state=19? (2)
+CS59901(19,1)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(1)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11117			
IDENTIFIER	TC11117			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a RELEASE PDU with unrecognised optional information element (coded comprehension required) by sending a RELEASE COMPLETE PDU with cause value 96 and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101				preamble to U11
L!REL_ERROR START TAC		ERR65(1,CREF)		invalid PDU (1)
L?REL_COMr CANCEL TAC	L1	RC3(0,CREF,96)	(P)	valid RELEASE COMPLETE state=0? (2)
+CS50001(1)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(1)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid RELEASE containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11118			
IDENTIFIER	TC11118			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a RELEASE PDU with unrecognised optional information element (coded comprehension not required), the IUT sends a RELEASE COMPLETE PDU with cause value 99 and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TAC L?REL_COMr CANCEL TAC +CS50001(1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR66(1,CREF) RC3(0,CREF,99)	(P) (F)	preamble to U11 invalid PDU (1) valid RELEASE COMPLETE state=0? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) An invalid RELEASE containing an unrecognised information element with comprehension not required. (2) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11119			
IDENTIFIER	TC11119			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a RELEASE PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 (STAT_TRANSM::=FALSE,ECV::=100) L!REL_ERROR START TAC L?REL_COMr CANCEL TAC +CS50001(1) L?STATUSr [STAT_TRANSM=FALSE] (STAT_TRANSM::=TRUE) GOTO L1 ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR68(1,CREF) RC1(0,CREF) ST6(0,CREF,ECV)	(P) (P) (F)	preamble to U11 invalid PDU (1) valid RELEASE COMPLETE state=0? (2) valid STATUS no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) A RELEASE PDU with an invalid Display information element is used. (2) The subtree CS50002 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/N/TC11120			
IDENTIFIER	TC11120			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(1) L?STATUSr CANCEL TAC +PO49901(1) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(11,1) ?TIMEOUT TAC +PO49901(1) +UM59902 GOTO L1	L1	ERR7(CREF) ST3(0,CREf,97,11) ST3(0,CREf,98,11) SQ1(0,CREf) ST2(1,CREf,30,11)	(P) (P) (P) (F)	preamble to U11 invalid PDU valid STATUS valid STATUS state = 11? no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) PDU with invalid message type is used. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.14.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11121			
IDENTIFIER	TC11121			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!REL_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	ERR58(1,CREf)	(P)	preamble to U11 invalid call reference no response state=11? unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U11/S/ER/O/TC11122			
IDENTIFIER	TC11122			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U11 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31101 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(11,1) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U11 invalid PDU (1) no response state=11? (2) unexpected message
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/DI/O/TC11901			
IDENTIFIER	TC11901			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!DISC START TNOAC ?TIMEOUT TNOAC +CS59901(19,0) +UM59902 GOTO L1	L1	DI2(0,CREF,16)	(P)	preamble to U19 valid DISCONNECT no response state=19? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1-1, 5.3.5				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/IN/N/TC11902			
IDENTIFIER	TC11902			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(19,0) +UM59902 GOTO L1	L1	IN2(0,CREF)	(P)	preamble to U19 valid INFO no response state=19? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5 ETS 300 104/156 A.16.4				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/RC/N/TC11903			
IDENTIFIER	TC11903			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREF,16)	(P)	preamble to U19 valid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4 ETS 300 104/156 A.16.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/RL/N/TC11904			
IDENTIFIER	TC11904			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT does not respond and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16)	(P)	preamble to U19 valid RELEASE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.5 ETS 300 104/156 A.16.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/SQ/O/TC11905			
IDENTIFIER	TC11905			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 +CS59901(19,0)				preamble to U19 state=19? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/ST/N/TC11906			
IDENTIFIER	TC11906			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U19 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (c) ETS 300 104/156 A.16.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/V/ST/N/TC11907			
IDENTIFIER	TC11907			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Release Request state U19, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS59901(19,0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,19)	(P)	preamble to U19 valid STATUS no response state=19? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 (b) ETS 300 104/156 A.16.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/I/CP/N/TC11908			
IDENTIFIER	TC11908			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!CALL_PROC START TAC L?STATUSr CANCEL TAC L!REL_COM L?STATUSr CANCEL TAC L!REL_COM L?ST_ENQr CANCEL TAC L!STATUS +CS59901(19,0) ?TIMEOUT TAC L!REL_COM +UM59902 GOTO L1	L1	CP3(CREF,bch_num) ST3(1,CREF,98,19) RC2(0,CREF,16) ST3(1,CREF,101,19) RC2(0,CREF,16) SQ1(1,CREF) ST2(0,CREF,30,19) RC2(0,CREF,16)	P P (P) F	preamble to U19 inopportune PDU valid STATUS valid STATUS state = 19? no response unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.16.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/N/TC11909			
IDENTIFIER	TC11909			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC L!REL_COM L?STATUSr CANCEL TAC L!REL_COM L?ST_ENQr CANCEL TAC L!STATUS +CS59901(19,0) ?TIMEOUT TAC L!REL_COM +UM59902 GOTO L1	L1	ERR5(CREF) ST3(1,CREF,97,19) RC2(0,CREF,16) ST3(1,CREF,98,19) RC2(0,CREF,16) SQ1(1,CREF) ST2(0,CREF,30,19) RC2(0,CREF,16)	P P (P) F	preamble to U19 invalid PDU valid STATUS valid STATUS state = 19? no response unexpected message
EXTENDED COMMENTS (1) A PDU with invalid message type is used. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.16.3.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11910			
IDENTIFIER	TC11910			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(19,0) +UM59902 GOTO L1	L1	ERR73(0,CREF)	(P)	preamble to U19 invalid call reference no response state=19? unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11911			
IDENTIFIER	TC11911			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901				preamble to U19
L!ERR_SHORT START TNOAC		ERR2(CREF)		invalid PDU (1)
?TIMEOUT TNOAC	L1		(P)	no response
+CS59901(19,0)				state=19? (2)
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) A PDU without message type is used.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11912			
IDENTIFIER	TC11912			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an invalid protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901				preamble to U19
L!REL_COM_ERROR START TNOAC		ERR71(0,CREF)		invalid PDU (1)
?TIMEOUT TNOAC	L1		(P)	no response
+CS59901(19,0)				state=19? (2)
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) A RELEASE COMPLETE PDU with an erroneous protocol discriminator is used.				
(2) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11913			
IDENTIFIER	TC11913			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901				preamble to U19
L!REL_COM_ERROR START TNOAC		ERR72(0,CREF)		invalid call reference
?TIMEOUT TNOAC	L1		(P)	no response
+CS59901(19,0)				state=19? (1)
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) The subtree CS59901 is used for checking the IUT state.				
References to Recommendations				
ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11914			
IDENTIFIER	TC11914			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(19,0) +UM59902 GOTO L1	L1	ERR74	(P)	preamb. to U19 dummy call reference no response state=19? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11915			
IDENTIFIER	TC11915			
PURPOSE	RELEASE REQUEST STATE TEST - U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC L!REL_COM +UM59902 GOTO L1	L1	ERR75(0) ST4(1,81,0) RC2(0,CREF,16)	(P) F	preamble to U19 invalid RELEASE COMPLETE valid STATUS state=19? no response unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11916			
IDENTIFIER	TC11916			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR77(0,CREF,31)	(P)	preamble to U19 invalid RELEASE COMPLETE (1) no response (2) unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11917			
IDENTIFIER	TC11917			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR78(0,CREF)	(P)	preamble to U19 invalid RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11918			
IDENTIFIER	TC11918			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR79(0,CREF,16)	(P)	preamble to U19 RELEASE COMPLETE no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11919			
IDENTIFIER	TC11919			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that on receipt of a RELEASE COMPLETE PDU with unrecognised information element (coded comprehension required), the IUT does not respond and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR80(0,CREF)	(P)	preamble to U19 invalid PDU (1) no response state=0? (2) unexpected message
EXTENDED COMMENTS (1) An invalid RELEASE COMPLETE PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11920			
IDENTIFIER	TC11920			
PURPOSE	DISCONNECT REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a RELEASE COMPLETE PDU with unrecognised information element (coded comprehension not required), the IUT does not respond and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 L!REL_COM_ERROR START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR81(0,CREF)	(P)	preamble to U19 invalid PDU (1) no response state=0? unexpected message (2)
EXTENDED COMMENTS (1) An invalid RELEASE COMPLETE PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U19/S/ER/O/TC11921			
IDENTIFIER	TC11921			
PURPOSE	RELEASE REQUEST STATE TESTS - STATE U19 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a RELEASE COMPLETE PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31901 (STAT_TRANSM::=FALSE,ECV::=100) L!REL_COM_ERROR START TNOAC L?STATUSr CANCEL TAC (STAT_TRANSM::=TRUE) +CS50001(0) ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ERR82(0,CREF) ST3(1,CREF,ECV,0)	(P)	preamble to U19 invalid PDU (1) valid STATUS state=0? (2) no response state=0? (2) unexpected message
EXTENDED COMMENTS (1) A RELEASE COMPLETE PDU with an invalid Display information element is used. (2) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/DI/N/TC12501			
IDENTIFIER	TC12501			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a DISCONNECT PDU, the IUT sends a RELEASE PDU and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC START TAC L?RELR CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	DI2(0,CREF,16) RL1(1,CREF)	(P) (F)	preamble to U25 valid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.4.2 ETS 300 104/156 A.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/IN/N/TC12502			
IDENTIFIER	TC12502			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU without sufficient called number information element, the IUT does not respond and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!INFO START TNOAC ?TIMEOUT TNOAC +CS59901(25,0) +UM59902 GOTO L1	L1	IN2(0,CREF)	(P)	preamble to U25 valid INFO no response state=25? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5, 5.2.4 ETS 300 104/156 A.4.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/IN/N/TC12503			
IDENTIFIER	TC12503			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of an INFORMATION PDU with sufficient called number information element, the IUT responds with a CALL PROCEEDING, ALERTING or a CONNECT PDU and enters the Incoming Call Proceeding state U9, the Call Received state U7 or the Connect Request state U8.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!INFO START TAC L?CALL_PROCr CANCEL TAC +CS59901(9,0) L?ALERTr CANCEL TAC +CS59901(7,0) L?CONNr CANCEL TAC +CS59901(8,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	IN3(0,CREF) CP1(CREF) AL1(CREF) CN1(CREF)	(P) (P) (P) (F)	preamble to U25 valid INFO state=9? (1) state=7? (1) state=8? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5, 5.2.4, 5.2.5.1 ETS 300 104/156 A.4.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/RC/N/TC12504			
IDENTIFIER	TC12504			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE COMPLETE PDU, the IUT does not respond but returns to the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!REL_COM START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	RC2(0,CREF,16)	(P)	preamble to U25 valid RELEASE COMPLETE no response state=0? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.4.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/RL/N/TC12505			
IDENTIFIER	TC12505			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RELEASE PDU, the IUT responds with a RELEASE COMPLETE PDU and enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!REL START TAC L?REL_COMr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RL3(0,CREF,16) RCl(1,CREF)	(P) (F)	preamble to U25 valid RELEASE COMPLETE state=0? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.3.2 (b) ETS 300 104/156 A.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/SQ/O/TC12506			
IDENTIFIER	TC12506			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS ENQUIRY PDU, the IUT responds with a STATUS PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 +CS59901(25,0)				preamble to U25 state=25? (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.10				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/V/ST/N/TC12507			
IDENTIFIER	TC12507			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a STATUS PDU specifying the Null state N0, the IUT enters the Null state U0.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS50001(0) +UM59902 GOTO L1	L1	ST2(0,CREF,111,0)	(P)	preamble to U25 valid STATUS no response state=0? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS50001 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.11 ETS 300 104/156 A.4.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/I/CN/N/TC12508			
IDENTIFIER	TC12508			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that the IUT responds to an inopportune PDU with a STATUS PDU with cause value 98 or 101, or a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!CONN START TAC L?STATUSr CANCEL TAC +PO49901(0) L?STATUSr CANCEL TAC +PO49901(0) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(25,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	CN3(CREF) ST3(1,CREF,98,25) ST3(1,CREF,101,25) SQ1(1,CREF) ST2(0,CREF,30,25)	(P) (F)	preamble to U25 inopportune PDU valid STATUS postamble to U0 valid STATUS postamble to U0 state = 25? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4				
ETS 300 104/156 A.4.4.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12509			
IDENTIFIER	TC12509			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with an erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(25,0) +UM59902 GOTO L1	L1	ERR41(0,CREF,31)	(P)	preamble to U25 invalid PDU (1) no response state=25? (2) unexpected message
EXTENDED COMMENTS (1) A DISCONNECT PDU with an erroneous protocol discriminator is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12510			
IDENTIFIER	TC12510			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8 - 5 <> '0000'B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(25,0) +UM59902 GOTO L1	L1	ERR42(0,CREF,31)	(P)	preamble to U25 invalid call reference no response state=25? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12511			
IDENTIFIER	TC12511			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(25,0) +UM59902 GOTO L1	L1	ERR44(31)	(P)	preamb. to U25 dummy call reference no response state=25? (1) unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12512			
IDENTIFIER	TC12512			
PURPOSE	OVERLAP RECEIVING STATE TEST - U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 6 Ensure that the IUT takes no action on any received PDU except RESTART, RESTART ACKNOWLEDGE or STATUS, with global call reference and returns a STATUS PDU.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TAC L?STATUSr CANCEL TAC +CS59901(25,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR45(0,16) ST4(1,81,0)	(P) (F)	preamble to U25 invalid DISCONNECT valid STATUS state=25? (1) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.2 (f)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12513			
IDENTIFIER	TC12513			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR47(0,CREF,31) RL1(1,CREF)	(P) (F)	preamble to U25 invalid DISCONNECT (1) valid RELEASE state=19? (2) no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12514			
IDENTIFIER	TC12514			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR48(0,CREf,16) RL1(1,CREf)	(P) (F)	preamble to U25 invalid DISCONNECT valid RELEASE state=19? no response postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12515			
IDENTIFIER	TC12515			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR49(0,CREf,16) RL1(1,CREf)	(P) (F)	preamble to U25 invalid DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12516			
IDENTIFIER	TC12516			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a DISCONNECT PDU with mandatory information element missing, the IUT returns a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TAC L?RELr CANCEL TAC +CS59901(19,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR50(0,CREf) RL2(1,CREf,96)	(P) (F)	preamble to U25 invalid DISCONNECT valid RELEASE state=19? postamble to U0 unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12517			
IDENTIFIER	TC12517			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with mandatory information element content error by sending a RELEASE PDU with cause value 100 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501				preamble to U25
L!DISC_ERROR START TAC		ERR53(0,CREF)		invalid PDU (1)
L?RELR_CANCEL TAC	L1	RL2(1,CREF,100)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU with an invalid Cause information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12518			
IDENTIFIER	TC12518			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension required) by sending a RELEASE PDU with cause value 96 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501				preamble to U25
L!DISC_ERROR START TAC		ERR51(0,CREF,16)		invalid PDU (1)
L?RELR_CANCEL TAC	L1	RL2(1,CREF,96)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension required coded as '01'H. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12519			
IDENTIFIER	TC12519			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 16 Ensure that on receipt of a DISCONNECT PDU with unrecognised information element (coded comprehension not required), the IUT sends a RELEASE PDU with cause value 99 and enters the Release Request state U19.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501				preamble to U25
L!DISC_ERROR START TAC		ERR52(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL2(1,CREF,99)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(F)	no response
?TIMEOUT TAC				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L1				
EXTENDED COMMENTS (1) An invalid DISCONNECT PDU containing an unrecognised information element with comprehension not required. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12520			
IDENTIFIER	TC12520			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 17 Ensure that on receipt of a DISCONNECT PDU with non-mandatory information element content error, the IUT processes the PDU and its remaining contents as valid and optionally sends a STATUS PDU with cause value 100.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501				preamble to U25
(STAT_TRANSM::=FALSE,ECV::=100)				
L!DISC_ERROR START TAC		ERR54(0,CREF,16)		invalid PDU (1)
L?RELr CANCEL TAC	L1	RL1(1,CREF)	(P)	valid RELEASE state=19? (2)
+CS59901(19,0)			(P)	valid STATUS
L?STATUSr [STAT_TRANSM=FALSE]		ST6(1,CREF,ECV)		
(STAT_TRANSM::=TRUE)				
GOTO L1				
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS (1) A DISCONNECT PDU with an invalid Progress indicator information element is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.7.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/N/TC12521			
IDENTIFIER	TC12521			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that the IUT responds to a syntactically invalid message type with a STATUS PDU with cause value 98 or 97, or with a STATUS ENQUIRY PDU, and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!ERR_SHORT START TAC L?STATUSr CANCEL TAC +PO49901(0) L?STATUSr CANCEL TAC +PO49901(0) L?ST_ENQr CANCEL TAC L!STATUS +CS59901(25,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR5(CREF) ST3(1,CREf,97,25) ST3(1,CREf,98,25) SQ1(1,CREf) ST2(0,CREf,30,25)	(P) (P) (P) (F)	preamble to U25 invalid PDU valid STATUS postamble to U0 valid STATUS postamble to U0 state = 25? no response postamble to U0 unexpected message
EXTENDED COMMENTS References to Recommendations ETS 300 102-1 5.8.4 ETS 300 104/156 A.4.4.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12522			
IDENTIFIER	TC12522			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1, length value too high) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!DISC_ERROR START TNOAC ?TIMEOUT TNOAC +CS59901(25,0) +UM59902 GOTO L1	L1	ERR43(0,CREf,31)	(P)	preamble to U25 invalid call reference no response state=25? unexpected message (1)
EXTENDED COMMENTS (1) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/U25/S/ER/O/TC12523			
IDENTIFIER	TC12523			
PURPOSE	OVERLAP RECEIVING STATE TESTS - STATE U25 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR32501 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59901(25,0) +UM59902 GOTO L1	L1	ERR2(CREF)	(P)	preamble to U25 invalid PDU (1) no response state=25? unexpected message (2)
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The subtree CS59901 is used for checking the IUT state. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/U25/V/02/N/TC22501			
IDENTIFIER	TC22501			
PURPOSE	TIMER TESTS - TIMER T302 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure the correct implementation of timer T302 if overlap receiving has been implemented.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001				preamble to U0
L!SETUP START TAC		SU6(CREF,bch_num)		SETUP (1)
# L?SETUP_ACKr CANCEL TAC , START T302MAX	L1	SUA1(CREF)	(P)	valid SETUP ACKNOWLEDGE
# L?CALL_PROCr READTIMER T302MAX(T) , CANCEL T302MAX	L2	CP1(CREF)		valid CALL PROCEEDING
[TIME(T302max,T302min,T)=TRUE] +CS59901(9,0)			(P)	T302 is OK state = 9?
[TIME(T302max,T302min,T)=FALSE] +PO49901(0)			(F)	T302 is not OK postamble to U0
# L?ALERTr READTIMER T302MAX(T) , CANCEL T302MAX		AL1(CREF)		valid ALERTING
[TIME(T302max,T302min,T)=TRUE] +CS59901(7,0)			(P)	T302 is OK state = 7?
[TIME(T302max,T302min,T)=FALSE] +PO49901(0)			(F)	T302 is not OK postamble to U0
# L?CONNr READTIMER T302MAX(T) , CANCEL T302MAX		CN1(CREF)		valid CONNECT
[TIME(T302max,T302min,T)=TRUE] +CS59901(8,0)			(P)	T302 is OK state = 8?
[TIME(T302max,T302min,T)=FALSE] +PO49901(0)			(F)	T302 is not OK postamble to U0
# L?DISCr READTIMER T302MAX(T) , CANCEL T302MAX		DI1(1,CREF)		valid DISCONNECT
[TIME(T302max,T302min,T)=TRUE] +PO49901(0)			(P)	T302 is OK postamble to U0
[TIME(T302max,T302min,T)=FALSE] +PO49901(0)			(F)	T302 is not OK postamble to U0
?TIMEOUT T302MAX +PO49901(0)			(F)	T302 timeout postamble to U0
+UM59902 GOTO L2				unexpected message
?TIMEOUT TAC +PO49901(0)			(F)	TAC timeout postamble to U0
+UM59902 GOTO L1				unexpected message
EXTENDED COMMENTS				
(1) A valid and compatible SETUP PDU with only mandatory parameters is transmitted. The SETUP PDU does not contain the complete call number information.				
References to Recommendations				
ETS 300 102-1 5.2.4		ETS 300 104/156 A.19.1		

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/I/ST/N/TC19002			
IDENTIFIER	TC19002			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that on receipt of a STATUS PDU with the global call reference, the IUT takes no action.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 +PR39001 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS59003(0,0) +UM59902 GOTO L1	L1	ST8(0,81,62)	(P)	preamble to U0 preamble to R0 no response unexpected message
EXTENDED COMMENTS (1) The test step CS59003 is used for checking the IUT state R0. (2) STATUS PDU with Call_Ref=0, Cause=81 and Call_state=62 (Rest 2). References to Recommendations ETS 300 102-1 5.8.11 ETS 300 104/156 A.20.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/V/RS/N/TC19003			
IDENTIFIER	TC19003			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure that on receipt of a RESTART PDU, the specified channel is returned to the idle condition, the global call reference is returned to the Null state R0 and a RESTART ACKNOWLEDGE PDU is sent.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 +PR39001 (r_bch_num:=bch_num) L!RESTART START TAC L?RESTART_ACKr CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	RST2(0,r_bch_num) RSA2(1,r_bch_num)	(P) (F)	preamble to U10 preamble to R0 valid RESTART ACKNOWLEDGE no response postamble to U0 unexpected message
EXTENDED COMMENTS (1) The test step CS50001 is used for checking the IUT state U0. References to Recommendations ETS 300 102-1 5.5.2 ETS 300 104/156 A.20.3				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/S/ER/O/TC19004			
IDENTIFIER	TC19004			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 1 Ensure that on receipt of a PDU with erroneous protocol discriminator, coded other than '08'H, the IUT ignores the PDU and remains in same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 +PR39001 L!RESTART_ERROR START TNOAC ?TIMEOUT TNOAC +CS59003(0,0) +UM59902 GOTO L1	L1	ERR204	(P)	preamble to U0 preamble to R0 invalid PDU no response unexpected message
EXTENDED COMMENTS (1) A RESTART PDU with an erroneous protocol discriminator is used. (2) The test step CS59003 is used for checking the IUT state R0. References to Recommendations ETS 300 102-1 5.8.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/S/ER/O/TC19005			
IDENTIFIER	TC19005			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 +PR39001 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59003(0,0) +UM59902 GOTO L1	L1	ERR205(0)	(P)	preamble to U0 preamble to R0 invalid PDU (1) no response unexpected message (2)
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The test step CS59003 is used for checking the IUT state R0. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/S/ER/O/TC19006			
IDENTIFIER	TC19006			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a RESTART PDU with an invalid call reference format (octet 1, bits 8-5 < '0000' B) and remains in same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 +PR39001 L!RESTART_ERROR START TNOAC ?TIMEOUT TNOAC +CS59003(0,0) +UM59902 GOTO L1	L1	ERR206	(P)	preamble to U0 preamble to R0 invalid call reference no response (1) unexpected message
EXTENDED COMMENTS (1) The test step CS59003 is used for checking the IUT state R0. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/S/ER/O/TC19007			
IDENTIFIER	TC19007			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a RESTART PDU with an invalid call reference format (octet 1, bits 4 - 1 > '0010' B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 +PR39001 L!RESTART_ERROR START TNOAC ?TIMEOUT TNOAC +CS59003(0,0) +UM59902 GOTO L1	L1	ERR207	(P)	preamble to U0 preamble to R0 invalid call reference no response (1) unexpected message
EXTENDED COMMENTS (1) The test step CS59003 is used for checking the IUT state R0. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/S/ER/O/TC19008			
IDENTIFIER	TC19008			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 +PR39001 L!RESTART_ERROR START TNOAC ?TIMEOUT TNOAC +CS59003(0,0) +UM59902 GOTO L1	L1	ERR208	(P)	preamble to U0 preamble to R0 dummy call reference no response unexpected message (1)
EXTENDED COMMENTS (1) The test step CS59003 is used for checking the IUT state R0. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/S/ER/O/TC19009			
IDENTIFIER	TC19009			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 9 Ensure that the IUT correctly processes a PDU with an optional information element out of sequence.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001 +PR39001 L!RESTART_ERROR START TAC L?RESTART_ACKr # [RESTART_ACK.CHI_E5_CH2=r_bch_num] # CANCEL TAC +CS50001(0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR209(bch_num) RSA3(1,0)	(P) (F)	preamble to U10 preamble to R0 invalid RESTART valid RESTART ACKNOWLEDGE (1) no response postamble to U0 unexpected message (2)
EXTENDED COMMENTS (1) Optional information element out of sequence (2) The test step CS50001 is used for checking the IUT state U0. References to Recommendations ETS 300 102-1 5.8.5.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/S/ER/O/TC19012			
IDENTIFIER	TC19012			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a RESTART PDU with mandatory information element missing, the IUT only returns a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
+PR39001				preamble to R0
L!RESTART_ERROR START TAC		ERR212		invalid RESTART (1)
L?STATUSr CANCEL TAC	L1	ST7(1,96,0)	(P)	valid STATUS (2)
+CS59003(0,0)				
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) RESTART PDU with Restart indication information element missing.				
(2) The test step CS59003 is used for checking the IUT state R0.				
References to Recommendations				
ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/S/ER/O/TC19013			
IDENTIFIER	TC19013			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS ERROR CATEGORY 14 Ensure that on receipt of a RESTART PDU with mandatory information element content error, the IUT returns only a STATUS PDU with cause value 100 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
+PR39001				preamble to R0
L!RESTART_ERROR START TAC		ERR213		invalid RESTART (1)
L?STATUSr CANCEL TAC	L1	ST7(1,100,0)	(P)	valid STATUS (2)
+CS59003(0,0)				
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) RESTART PDU with invalid restart indication information element content.				
(2) The test step CS59003 is used for checking the IUT state R0.				
References to Recommendations				
ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/S/ER/O/TC19014			
IDENTIFIER	TC19014			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a RESTART PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
+PR39001				preamble to R0
L!RESTART_ERROR START TAC		ERR214		invalid RESTART (1)
L?STATUSr CANCEL TAC	L1	ST7(1,96,0)	(P)	valid STATUS (2)
+CS59003(0,0)				
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) RESTART PDU with unrecognised information element with comprehension required				
(2) The test step CS59003 is used for checking the IUT state R0.				
References to Recommendations				
ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/S/ER/O/TC19015			
IDENTIFIER	TC19015			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS ERROR CATEGORY 16 Ensure that on receipt of a RESTART PDU with unrecognised information element (coded comprehension not required), the IUT processes the PDU and its remaining contents as valid and optionally returns a STATUS PDU with cause value 99.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
+PR39001				preamble to R0
L!RESTART_ERROR START TAC		ERR215		invalid RESTART (1)
L?STATUSr	L1	ST9(1,99)	(P)	valid STATUS (2)
GOTO L1				
L?RESTART_ACKr CANCEL TAC		RSA4(1)	(P)	valid REST_ACK (2)
+CS50001(0)				
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) RESTART PDU with unrecognised information element with comprehension not required.				
(2) The test step CS50001 is used for checking the IUT state U0.				
References to Recommendations				
ETS 300 102-1 5.8.7.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R00/S/ER/O/TC19016			
IDENTIFIER	TC19016			
PURPOSE	GLOBAL CALL REF. - STATE R0 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS Ensure that on receipt of a RESTART PDU with an invalid channel identification information element content, the IUT only returns a STATUS PDU with cause value 100 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR31001				preamble to U10
+PR39001				preamble to R0
L!RESTART_ERROR START TAC		ERR216		invalid RESTART
L?STATUSr CANCEL TAC	L1	ST7(1,100,0)	(P)	valid STATUS (1)
+CS59003(0,0)				(2)
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) RESTART PDU with an invalid channel identification information element content.				
(2) The test step CS50001 is used for checking the IUT state U0.				
References to Recommendations				
ETS 300 102-1 5.8.6.2, 4.5.24(NOTE1)				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/AC/R00/V/16/N/TC29001			
IDENTIFIER	TC29001			
PURPOSE	GLOBAL CALL REF. - STATE R0 - ACTIVE IUT BEHAVIOUR VALID TEST EVENTS Ensure timer T316 > 114 seconds.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR39002				preamble to R0
<IUT!RESTART>				(1)
START TWAIT				
L?RESTARTr CANCEL TWAIT	L1	RST1(0,6)	(P)	first RESTART rx
(REST::=TRUE , IND::=6)				
+SUBTREE_TC29001				
L?RESTARTr CANCEL TWAIT		RST1(0,7)	(P)	first RESTART rx
(REST::=TRUE , IND::=7)				
+SUBTREE_TC29001				
L?RESTARTr (REST::=TRUE , IND::=0 ,		RST3(0,0)	(P)	first RESTART rx
# r_bch_num::=RESTART.CHI_E5_CH2)				
# CANCEL TWAIT				
+SUBTREE_TC29001				
?TIMEOUT TWAIT			I	no response
+UM59902				unexpected message
GOTO L1				
SUBTREE_TC29001				
START T316MIN				
?TIMEOUT T316MIN START TAC	L2			
L?RESTARTr CANCEL TAC	L3	RST1(0,6)	(P)	second RESTART rx
L!RESTART_ACK (REST::=FALSE)		RSA5(1,6)	P	
L?RESTARTr CANCEL TAC		RST1(0,7)	(P)	second RESTART rx
L!RESTART_ACK (REST::=FALSE)		RSA5(1,7)	P	
L?RESTARTr (REST::=TRUE ,		RST3(0,0)	(P)	second RESTART rx
# r_bch_num::=RESTART.CHI_E5_CH2)				
# CANCEL TAC				
L!RESTART_ACK (REST::=FALSE)		RSA2(1,r_bch_num)	P	
?TIMEOUT TAC			(F)	no second RESTART
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L3				
+UM59902				unexpected message
GOTO L2				
EXTENDED COMMENTS				
(1) Invoke a RESTART PDU from the IUT.				
References to Recommendations				
ETS 300 102-1 5.5.1 ETS 300 104/156 A.19.9				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R01/S/ER/N/TC19102			
IDENTIFIER	TC19102			
PURPOSE	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 4 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 4 - 1 > '0010'B)) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR39002 +PR39101 L!RESTART_ACK_ERROR START TNOAC ?TIMEOUT TNOAC +CS59003(61,0) +UM59902 GOTO L1	L1	ERR203	(P)	preamble to U0 preamble to R1 invalid call reference unexpected message (1)
EXTENDED COMMENTS (1) The test step CS59003 is used for checking the IUT state R1. References to Recommendations ETS 300 102-1 5.8.3.1 ETS 300 104/156 A.21.1.2.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R01/I/ST/N/TC19103			
IDENTIFIER	TC19103			
PURPOSE	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR INOPPORTUNE TEST EVENTS Ensure that on receipt of a STATUS PDU with the global call reference and reporting an incompatible state, the IUT takes no action.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR39002 +PR39101 L!STATUS START TNOAC ?TIMEOUT TNOAC +CS59003(61,0) +UM59902 GOTO L1	L1	ST8(1,81,0)	(P)	preamble to U0 preamble to R1 no response (2) unexpected message (1)
EXTENDED COMMENTS (1) The test step CS59003 is used for checking the IUT state R1. (2) STATUS PDU with call reference value 0, cause value 81 and call state value 0 (Rest 0). References to Recommendations ETS 300 102-1 5.8.11 ETS 300 104/156 A.21.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R01/S/ER/O/TC19106			
IDENTIFIER	TC19106			
PURPOSE	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 2 Ensure that the IUT ignores the receipt of a PDU which is too short and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR39002 +PR39101 L!ERR_SHORT START TNOAC ?TIMEOUT TNOAC +CS59003(61,0) +UM59902 GOTO L1	L1	ERR205(1)	(P)	preamble to U0 preamble to R1 invalid PDU (1) unexpected message (2)
EXTENDED COMMENTS (1) A PDU without message type is used. (2) The test step CS59003 is used for checking the IUT state R1. References to Recommendations ETS 300 102-1 5.8.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R01/S/ER/O/TC19107			
IDENTIFIER	TC19107			
PURPOSE	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 3 Ensure that the IUT ignores the receipt of a PDU with an invalid call reference format (octet 1, bits 8-5 <> '0000' B) and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR39002 +PR39101 L!RESTART_ACK_ERROR START TNOAC ?TIMEOUT TNOAC +CS59003(61,0) +UM59902 GOTO L1	L1	ERR218(r_bch_num)	(P)	preamble to U0 preamble to R1 invalid call reference (1) unexpected message
EXTENDED COMMENTS (1) The test step CS59003 is used for checking the IUT state R1. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R01/S/ER/O/TC19108			
IDENTIFIER	TC19108			
PURPOSE	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 5 Ensure that the IUT ignores the receipt of a PDU with the dummy call reference and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR39002 +PR39101 L!RESTART_ACK_ERROR START TNOAC ?TIMEOUT TNOAC +CS59003(61,0) +UM59902 GOTO L1	L1	ERR219(r_bch_num)	(P)	preamble to U0 preamble to R1 dummy call reference (1) unexpected message
EXTENDED COMMENTS (1) The test step CS59003 is used for checking the IUT state R1. References to Recommendations ETS 300 102-1 5.8.3.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R01/S/ER/O/TC19110			
IDENTIFIER	TC19110			
PURPOSE	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 11 Ensure that the IUT ignores invalid duplicated information elements (and processes the PDU and its remaining contents as valid).			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR39003				preamble to R0
+PR39101				preamble to R1
L!RESTART_ACK_ERROR (REST::=FALSE)		ERR221(r_bch_num)		invalid RESTART ACKNOWLEDGE
# START TNOAC(10)				reset CREF = 1
(CREF::='000000000000001'B)				
?TIMEOUT TNOAC	L1			
L!SETUP START TWAIT		SU2(CREF,bch_num)		
<IUT!CONN>				
L?CALL_PROCr	L2	CP1(CREF)		
L?ALERTr	L3	AL1(CREF)		
L?CONNr CANCEL TWAIT	L4	CN1(CREF)	(P)	(1)
+CS59003(0,0)			(F)	no response
?TIMEOUT TWAIT				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L4				
L?CONNr CANCEL TWAIT		CN1(CREF)	(P)	(1)
+CS59003(0,0)			(F)	no response
?TIMEOUT TWAIT				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L3				
L?ALERTr		AL1(CREF)		
L?CONNr CANCEL TWAIT	L5	CN1(CREF)	(P)	(1)
+CS59003(0,0)			(F)	no response
?TIMEOUT TWAIT				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L5				
L?CONNr CANCEL TWAIT		CN1(CREF)	(P)	(1)
+CS59003(0,0)			(F)	no response
?TIMEOUT TWAIT				postamble to U0
+PO49901(0)				unexpected message
+UM59902				
GOTO L2				
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) The test step CS59003 is used for checking the IUT state R0.				
References to Recommendations				
ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R01/S/ER/O/TC19111			
IDENTIFIER	TC19111			
PURPOSE	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 12 Ensure that on receipt of a PDU with valid duplicate information elements, the IUT processes the PDU and its remaining contents as valid.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR39003				preamble to R0
+PR39101				preamble to R1
L!RESTART_ACK_ERROR (REST::=FALSE)		ERR222(r_bch_num)		RESTART ACKNOWLEDGE
# START TNOAC(10)				reset CREF = 1
(CREF::='000000000000001'B)				
?TIMEOUT TNOAC	L1			
L!SETUP START TWAIT		SU2(CREF,bch_num)		
<IUT!CONN>				
L?CALL PROCr	L2	CP1(CREF)		
L?ALERTr	L3	AL1(CREF)		
L?CONNr CANCEL TWAIT	L4	CN1(CREF)	(P)	
+CS59003(0,0)				(1)
?TIMEOUT TWAIT			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L4				
L?CONNr CANCEL TWAIT		CN1(CREF)	(P)	
+CS59003(0,0)				(1)
?TIMEOUT TWAIT			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L3				
L?ALERTr		AL1(CREF)		
L?CONNr CANCEL TWAIT	L5	CN1(CREF)	(P)	
+CS59003(0,0)				(1)
?TIMEOUT TWAIT			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L5				
L?CONNr CANCEL TWAIT		CN1(CREF)	(P)	
+CS59003(0,0)				(1)
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L2				
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) The test step CS59003 is used for checking the IUT state R0.				
References to Recommendations				
ETS 300 102-1 5.8.5.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R01/S/ER/O/TC19112			
IDENTIFIER	TC19112			
PURPOSE	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 13 Ensure that on receipt of a RESTART ACKNOWLEDGE PDU with mandatory information element missing, the IUT only returns a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR39003				preamble to R0
+PR39101				preamble to R1
L!RESTART_ACK_ERROR START TAC		ERR223		invalid RESTART ACKNOWLEDGE
L?STATUSr CANCEL TAC	L1	ST7(0,96,61)	(P)	valid STATUS
+CS59003(61,0)				(2)
?TIMEOUT TAC			(F)	no response
+PO49901(0)				postamble to U0
+UM59902				unexpected message
GOTO L1				
EXTENDED COMMENTS				
(1) RESTART ACKNOWLEDGE PDU with Restart indication information element missing				
(2) The test step CS59003 is used for checking the IUT state R1.				
References to Recommendations				
ETS 300 102-1 5.8.6.1				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R01/S/ER/O/TC19113			
IDENTIFIER	TC19113			
PURPOSE	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 14 Ensure that on receipt of a RESTART ACKNOWLEDGE PDU with mandatory information element with content error, the IUT returns only a STATUS PDU with cause value 100 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR39003 +PR39101 L!RESTART_ACK_ERROR START TAC L?STATUSr CANCEL TAC +CS59003(61,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR224 ST7(0,100,61)	(P) (F)	preamble to R0 preamble to R1 invalid RESTART ACKNOWLEDGE (1) valid STATUS postamble to U0 unexpected message
EXTENDED COMMENTS (1) RESTART ACKNOWLEDGE PDU with invalid Restart indication information element content. (2) The test step CS59003 is used for checking the IUT state R1. References to Recommendations ETS 300 102-1 5.8.6.2				

TEST CASE DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PS/R01/S/ER/O/TC19114			
IDENTIFIER	TC19114			
PURPOSE	GLOBAL CALL REF. - STATE R1 - PASSIVE IUT BEHAVIOUR SYNTACTICALLY INVALID TEST EVENTS - ERROR CATEGORY 15 Ensure that the IUT responds to the receipt of a RESTART ACKNOWLEDGE PDU with unrecognised information element (coded comprehension required) by sending a STATUS PDU with cause value 96 and remains in the same state.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR39003 +PR39101 L!RESTART_ACK_ERROR START TAC L?STATUSr CANCEL TAC +CS59003(61,0) ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1	L1	ERR225(r_bch_num) ST7(0,96,61)	(P) (F)	preamble to R0 preamble to R1 invalid RESTART ACKNOWLEDGE (1) valid STATUS no response postamble to U0 unexpected message (2)
EXTENDED COMMENTS (1) PDU RESTART ACK with unrecognised information element with comprehension required. (2) The test step CS59003 is used for checking the IUT state R1. References to Recommendations ETS 300 102-1 5.8.7.1, 5.8.6.1				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U00/V/PR/A/PR30001			
IDENTIFIER	PR30001			
OBJECTIVE	To bring the IUT to the Null state U0.			
DEFAULTS REFERENCE	-			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
(bch_num:=CH_NUM) L!DL_REL_RQ START TAC L?DL_REL_CO CANCEL TAC L!DL_EST_RQ START TAC L?DL_EST_CO CANCEL TAC L?DL_REL_IN START TNOAC L?DL_EST_IN # CANCEL TAC , CANCEL TNOAC ?TIMEOUT TNOAC L!DL_EST_RQ GOTO L1 L?OTHERWISE L?DL_EST_IN CANCEL TAC L!DL_EST_CO START TNOAC L?DL_EST_CO CANCEL TNOAC ?TIMEOUT TNOAC L?OTHERWISE ?TIMEOUT TAC L?OTHERWISE ?TIMEOUT TAC L?OTHERWISE	L1		(P) (P) (P) I (P) I I I I I I	get B-channel number layer2 release UA or DM received; layer 2 released re-establishment UA received; data link established DM received; IUT still busy SABME received; data link established re-establishment SABME received UA sent; layer 2 established UA received as answer to first SABME no response invalid event no response invalid event
EXTENDED COMMENTS The layer 2 of the IUT must have a TEI assigned value before the execution of this preamble. The procedure to assign the TEI value to the IUT is matter for the test laboratory.				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U01/V/PR/A/PR30101			
IDENTIFIER	PR30101			
OBJECTIVE	To bring the IUT to the Call Initiated state U1.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 <IUT!SETUP> START TWAIT L?SETUPr # (CREF::=SETUP.CR_R, # bch_num:=SETUP.CHI_E5_CH2) # CANCEL TWAIT L?SETUPr (CREF::=SETUP.CR_R) # CANCEL TWAIT ?TIMEOUT TWAIT +UM59902 GOTO L1	L1	SU9 SU1	(P) (P) I	preamble to U0 wait for SETUP bch_num is changed valid SETUP unexpected message
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U02/V/PR/A/PR30201			
IDENTIFIER	PR30201			
OBJECTIVE	To bring the IUT to the Overlap Sending state U2.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 <IUT!SETUP> START TWAIT L?SETUPr # (CREF::=SETUP.CR_R, # bch_num::=SETUP.CHI_E5_CH2) # CANCEL TWAIT L!SETUP_ACK L?SETUPr (CREF::=SETUP.CR_R) # CANCEL TWAIT L!SETUP_ACK ?TIMEOUT TWAIT +UM59902 GOTO L1		SU9	(P)	preamble to U0 wait for SETUP bch_num is changed
	L1	SUA2(CREF,bch_num) SU1	(P)	valid SETUP ACKNOWLEDGE valid SETUP
		SUA2(CREF,bch_num)	I	valid SETUP ACKNOWLEDGE no response unexpected message
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U03/V/PR/A/PR30301			
IDENTIFIER	PR30301			
OBJECTIVE	To bring the IUT to the Outgoing Call Proceeding state U3.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 <IUT!SETUP> START TWAIT L?SETUPr # (CREF::=SETUP.CR_R, # bch_num::=SETUP.CHI_E5_CH2) # CANCEL TWAIT [EBS] L!CALL_PROC [NOT EBS] L!SETUP_ACK START TWAIT <IUT!INFO> L?INFOr CANCEL TWAIT L!CALL_PROC ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L2 L?SETUPr (CREF::=SETUP.CR_R) # CANCEL TWAIT [EBS] L!CALL_PROC [NOT EBS] L!SETUP_ACK START TWAIT <IUT!INFO> L?INFOr CANCEL TWAIT L!CALL_PROC ?TIMEOUT TWAIT +PO49901(1) +UM59902 GOTO L3 ?TIMEOUT TWAIT +UM59902 GOTO L1		SU9	(P)	preamble to U0 wait for SETUP bch_num is changed
	L1	CP2(CREF,bch_num) SUA2(CREF,bch_num)		valid CALL PROCEEDING
	L2	IN1(0,CREF) CP2(CREF,bch_num)	(P)	wait for INFO valid INFO valid CALL PROCEEDING
			(I)	no response postamble to U0 unexpected message
		SU1	(P)	valid SETUP
		CP2(CREF,bch_num) SUA2(CREF,bch_num)		valid CALL PROCEEDING
	L3	IN1(0,CREF) CP2(CREF,bch_num)	(P)	wait for INFO valid INFO valid CALL PROCEEDING
			(I)	no response postamble to U0 unexpected message
			I	no response unexpected message
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U04/V/PR/A/PR30401			
IDENTIFIER	PR30401			
OBJECTIVE	To bring the IUT to the Call Delivered state U4.			
DEFAULTS REFERENCE	DF69901(1)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30301 L!ALERT		AL2(CREF)		preamble to U3 valid ALERTING
EXTENDED COMMENTS				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U07/V/PR/A/PR30701			
IDENTIFIER	PR30701			
OBJECTIVE	To bring the IUT to the Call Received state U7.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP START TAC L?ALERTr CANCEL TAC L?CALL_PROCr START TAC L?ALERTr CANCEL TAC ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L2 ?TIMEOUT TAC +PO49901(0) +UM59902 GOTO L1		SU2(CREF,bch_num) AL1(CREF) CP1(CREF) AL1(CREF)		preamble to U0 SETUP (1) valid ALERTING (P) valid CALL PROCEEDING (P) valid ALERTING (P) no response (F) postamble to U0 unexpected message no response (F) unexpected message
EXTENDED COMMENTS (1) A valid SETUP PDU with the sending complete information element is transmitted.				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/PR/U08/V/PR/A/PR30801			
IDENTIFIER	PR30801			
OBJECTIVE	To bring the IUT to the Connect Request state U8.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
+PR30001 L!SETUP START TWAIT <IUT!CONN> L?CONNr CANCEL TWAIT L?ALERTr L?CONNr CANCEL TWAIT ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L2 L?CALL_PROCr L?CONNr CANCEL TWAIT L?ALERTr L?CONNr CANCEL TWAIT ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L4 ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L3 ?TIMEOUT TWAIT +PO49901(0) +UM59902 GOTO L1		SU2(CREF,bch_num) CN1(CREF) AL1(CREF) CN1(CREF) CP1(CREF) CN1(CREF) AL1(CREF) CN1(CREF)		preamble to U0 SETUP (1) wait for CONNECT valid CONNECT (P) valid ALERTING valid CONNECT (P) no response (I) postamble to U0 unexpected message valid CALL PROCEEDING valid CONNECT (P) valid ALERTING valid CONNECT (P) no response (I) postamble to U0 unexpected message no response (I) postamble to U0 unexpected message no response (I) postamble to U0 unexpected message
EXTENDED COMMENTS (1) A valid SETUP PDU with the sending complete information element is transmitted.				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/MS/UAL/V/ER/A/CS59003			
IDENTIFIER	CS59003(ES:INTEGER;FL:INTEGER)			
OBJECTIVE	To check the IUT Global Call Reference states.			
DEFAULTS REFERENCE	DF69901(0)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
L!ST_ENQ START TAC L?STATUSr CANCEL TAC [ES=61] [IND=6] L!RESTART_ACK (REST::=FALSE) [IND=7] L!RESTART_ACK (REST::=FALSE) [IND=0] L!RESTART_ACK (REST::=FALSE) [ES<>61] +PO49901(FL) ?TIMEOUT TAC +PO49901(FL) +UM59902 GOTO L1	L1	SQ2(FL) ST7(0,CREF,81,ES) RSA5(1,6) RSA5(1,7) RSA2(1,r_bch_num)	(P) R R R (F)	STATUS ENQIRY, global call reference valid STATUS; see §5.8.3.2(f) Final verdict Final verdict Final verdict postamble to U0 no response postamble to U0
EXTENDED COMMENTS The formal parameter ES is used as expected IUT Call State. The formal parameter FL is used as Global Call Reference Flag bit.				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/MS/UAL/V/MS/A/CS59901			
IDENTIFIER	CS59901(ES: INTEGER;FL: INTEGER)			
OBJECTIVE	To check the IUT call states and the cause values.			
DEFAULTS REFERENCE	DF69901(FL)			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
(NOT_FL:= (FL+1) MOD 2)				(1)
L!ST_ENQ START TAC		SQ1(FL,CREF)		(2)
+SUBTREE1_CS59901(ES,FL)	L1			
L?CALL_PROCr [ES=25]		CPI(CREF)	(P)	ignore CALL PROCEEDING (3)
+SUBTREE1_CS59901(9,FL)	L2			
L?ALERTr		AL1(CREF)	(P)	ignore ALERTING
+SUBTREE1_CS59901(7,FL)	L3			
L?CONNr		CN1(CREF)	(P)	ignore CONNECT
+SUBTREE1_CS59901(8,FL)	L4			
+SUBTREE2_CS59901(8,FL)				
GOTO L4				
+SUBTREE2_CS59901(7,FL)				
GOTO L3				
L?CONNr		CN1(CREF)	(P)	ignore CONNECT
+SUBTREE1_CS59901(8,FL)	L5			
+SUBTREE2_CS59901(8,FL)				
GOTO L5				
+SUBTREE2_CS59901(9,FL)				
GOTO L2				
L?ALERTr [(ES=25) OR (ES=9)]		AL1(CREF)	(P)	ignore ALERTING
+SUBTREE1_CS59901(7,FL)	L6			
L?CONNr		CN1(CREF)	(P)	ignore CONNECT
+SUBTREE1_CS59901(8,FL)	L7			
+SUBTREE2_CS59901(8,FL)				
GOTO L7				
+SUBTREE2_CS59901(7,FL)				
GOTO L6				
L?CONNr [(ES=25) OR (ES=9) OR (ES=7)]		CN1(CREF)	(P)	ignore CONNECT
+SUBTREE1_CS59901(8,FL)	L8			
+SUBTREE2_CS59901(8,FL)				
GOTO L8				
+SUBTREE2_CS59901(ES,FL)				
GOTO L1				
SUBTREE1_CS59901(ES,FL: INTEGER)				
L?STATUSr CANCEL TAC		ST3(NOT_FL,CREF,30,ES)	(P)	valid STATUS
+SUBTREE3_CS59901(ES,FL)				
L?STATUSr CANCEL TAC		ST3(NOT_FL,CREF,97,ES)	(P)	valid STATUS
+SUBTREE3_CS59901(ES,FL)				
L?STATUSr CANCEL TAC		ST3(NOT_FL,CREF,98,ES)	(P)	valid STATUS
+SUBTREE3_CS59901(ES,FL)				
SUBTREE2_CS59901(ES,FL: INTEGER)				
?TIMEOUT TAC			(F)	no response
+SUBTREE3_CS59901(ES,FL)				
L?STATUSr [STAT_TRANSM=FALSE]		ST6(NOT_FL,CREF,ECV)	(P)	valid STATUS
(STAT_TRANSM:=TRUE)				
+UM59902				unexpected message
SUBTREE3_CS59901(ES,FL: INTEGER)				
[ES<19]				
+PO49901(FL)				postamble to U0
[ES=19]				
L!REL_COM		RC2(FL,CREF,16)	R	
EXTENDED COMMENTS				
(1) NOT_FL is used to store the inverted call reference flag bit.				
(2) The formal parameter FL is used as call reference flag bit.				
(3) The formal parameter ES is used as expected IUT call state.				

TEST STEP DYNAMIC BEHAVIOUR				
REFERENCE	ISDN3/MS/UAL/V/MS/A/UM59902			
IDENTIFIER	UM59902			
OBJECTIVE	To allow without verdict the receipt of INFO, NOTIFY, STATUS ENQUIRY or any Q.932 PDU during the test body execution.			
DEFAULTS REFERENCE	-			
BEHAVIOUR DESCRIPTION	L	CREF	V	COMMENTS
L?INFOR		IN4(CREF)		
L?NOTIFYr		NO3(CREF)		
L?ST_ENQr		SQ3(CREF)		
L?Q932_MSGr		MSG(CREF)		
EXTENDED COMMENTS				
References to Recommendations				
ETS 300 102-1, Q.932				

Annex C (normative): TTCN MP files

The TTCN MP files corresponding to this ATS are contained in the text-only files detailed below:

Basic access: DI10322B.mp
Primary rate access: DI10322P.mp

Copies of these files may be bought from the ETSI Secretariat or the European National Standards Organizations.

Annex D (informative): Cross reference list for basic access ATS**D.1 Constraint cross reference**

Constraint name	Used in test case/test step
AL1	TC10005, TC10006, TC10007, TC10011, TC10022, TC10023, TC10024, TC10025, TC10028, TC10029, TC11024, TC12503, TC22501, PR30701, PR30801, PR31901, CS59901
AL2	TC10201, TC10301, TC10409, PR30401
CA1	TC10202, TC10302, TC10315, TC10316, TC10317, TC10319, TC10320, TC10401, TC10414, TC10415, TC10416, TC10418, TC10419
CA2	TC10801, PR31001
CA3	TC10107
CN1	TC10005, TC10006, TC10007, TC10011, TC10022, TC10023, TC10024, TC10025, TC10028, TC10029, TC11024, TC12503, TC22501, PR30801, PR31901, CS59901
CN2	TC10202, TC10302, TC10401
CN3	TC10707, TC10808, TC10907, TC11008, TC12508
CP1	TC10005, TC10006, TC10007, TC10011, TC10022, TC10023, TC10024, TC10025, TC10028, TC10029, TC11024, TC12503, TC22501, PR30701, PR30801, PR30901, PR31901, CS59901
CP2	TC10101, TC10203, TC10310, TC11107, TC11709, PR30301, PR31101
CP3	TC11510, TC11908
DI1	TC20201, TC20302, TC20801, TC21006, TC22501, PR31101
DI2	TC10010, TC10204, TC10303, TC10402, TC10701, TC10802, TC10901, TC11001, TC21001, TC11101, TC11501, TC11701, TC11901, TC12501, PR31901
DI3	TC20203, TC20301, TC20401, TC21003
IN1	TC20201, TC20204, PR30301
IN2	TC10205, TC10304, TC10403, TC10702, TC10803, TC10902, TC11002, TC11102, TC11502, TC11702, TC11902, TC12502
IN3	TC12503
IN4	UM59902
MSG	UM59902
NO1	TC21004
NO2	TC11003, TC11103, TC11503
NO3	UM59902
PG1	TC20701, TC20901, TC22502
PG2	TC10206, TC10305, TC10404
RA1	TC11703
RC1	TC20003, TC10103, TC10208, TC10307, TC10406, TC10704, TC10805, TC10904, TC11005, TC11024, TC11105, TC11112, TC11113, TC11114, TC11119, TC11506, TC11705, TC12505, PO49901, DF69901
RC2	TC10001, TC10004, TC10010, TC10016, TC20003, TC10102, TC10207, TC10306, TC10405, TC10703, TC10804, TC10903, TC11004, TC21001, TC21006, TC11104, TC11505, TC11704, TC21701, TC11903, TC11908, TC11909, TC11915, TC12504, CS50001, CS59901
RC3	TC10002, TC10004, TC10008, TC10009, TC10010, TC10015, TC10016, TC10023, TC10026, TC10027, TC11117, TC11118, CS50001
RE1	TC20001, PR31701
RL1	TC10204, TC10303, TC10402, TC10701, TC10712, TC10713, TC10714, TC10719, TC10802, TC10817, TC10818, TC10901, TC10912, TC10913, TC10914, TC10919, TC11001, TC11013, TC11014, TC11015, TC11020, TC21001, TC11101, TC11501, TC11511, TC11701, TC11710, TC21701, TC12501, TC12513, TC12514, TC12515, TC12520, PR31901
RL2	TC10004, TC10010, TC10016, TC10222, TC10223, TC10321, TC10322, TC10420, TC10421, TC10715, TC10716, TC10717, TC10718, TC10819, TC10820, TC10915, TC10916, TC10917, TC10918, TC11016, TC11017, TC11018, TC11019, TC21006, TC11115, TC11116, TC12516, TC12517, TC12518, TC12519, CS50001

RL3	TC10002, TC10103, TC10208, TC10307, TC10406, TC10704, TC10805, TC10904, TC11005, TC11024, TC11105, TC11506, TC11705, TC11904, TC12505, PO49901, DF69901
RR1	TC11706
RSA2	DF69901
RSA5	DF69901
RST1	DF69901
RST3	DF69901
SP1	TC21005, PR31501
SPA1	TC11504, TC21501, TC21502
SPR1	TC11508
SQ1	TC10107, TC10120, TC10211, TC10224, TC10310, TC10323, TC10409, TC10422, TC10707, TC10720, TC10808, TC10821, TC10907, TC10920, TC11008, TC11021, TC21002, TC11107, TC11120, TC11510, TC11512, TC11908, TC11909, TC12508, TC12521, CS50001, CS59901
SQ3	UM59902
ST1	TC11103, TC11502, TC11503, TC11702
ST2	TC10003, TC10004, TC10105, TC10107, TC10120, TC10210, TC10211, TC10224, TC10309, TC10310, TC10323, TC10408, TC10409, TC10422, TC10706, TC10707, TC10720, TC10807, TC10808, TC10821, TC10906, TC10907, TC10920, TC11007, TC11008, TC11021, TC11106, TC11107, TC11120, TC11509, TC11510, TC11512, TC11708, TC11906, TC11907, TC11908, TC11909, TC12507, TC12508, TC12521
ST3	TC10107, TC10115, TC10116, TC10117, TC10120, TC10211, TC10219, TC10224, TC10310, TC10318, TC10323, TC10409, TC10417, TC10422, TC10707, TC10720, TC10808, TC10814, TC10821, TC10907, TC10920, TC11008, TC11021, TC11107, TC11120, TC11510, TC11512, TC11521, TC11522, TC11523, TC11525, TC21501, TC11709, TC11711, TC11720, TC11721, TC11722, TC11723, TC11724, TC11908, TC11909, TC11921, TC12508, TC12521, CS59901
ST4	TC10021, TC10111, TC10215, TC10314, TC10413, TC10711, TC10812, TC10911, TC11012, TC11111, TC11518, TC11717, TC11915, TC12512
ST6	TC10028, TC10029, TC10118, TC10119, TC10220, TC10221, TC10319, TC10320, TC10418, TC10419, TC10719, TC10815, TC10816, TC10919, TC11020, TC11119, TC11524, TC12520, CS50001, CS59901
SU1	TC20002, TC20003, PR30101, PR30201, PR30301, PR31101
SU2	TC10006, TC10011, PR30701, PR30801, PR30901
SU3	TC10005, PR31901
SU4	TC10008
SU5	TC10009
SU6	TC22501, PR32501
SU7	TC10007
SU8	TC11024
SU10	TC22502
SUA1	TC10005, TC10011, TC10022, TC10023, TC10024, TC10025, TC10028, TC10029, TC22501, TC22502, PR31901, PR32501
SUA2	TC10104, TC10211, PR30201, PR30301, PR31101
ERR1	TC10012
ERR2	TC10013, TC10122, TC10226, TC10325, TC10424, TC10722, TC10823, TC10922, TC11023, TC11122, TC11514, TC11713, TC11911, TC12523
ERR3	TC10014
ERR4	TC10015
ERR5	TC10016, TC10720, TC10821, TC10920, TC11021, TC11512, TC11909, TC12521
ERR7	TC10120, TC10224, TC10323, TC10422, TC11120, TC11711
ERR11	TC10108, TC10212
ERR12	TC10109, TC10213
ERR13	TC10121, TC10225
ERR14	TC10110, TC10214
ERR15	TC10111, TC10215
ERR17	TC10112, TC10216
ERR18	TC10113, TC10217

ERR19	TC10114, TC10218
ERR20	TC10115
ERR21	TC10116
ERR22	TC10117, TC10219
ERR23	TC10118, TC10220
ERR24	TC10119, TC10221
ERR26	TC10311, TC10410
ERR27	TC10312, TC10411
ERR28	TC10324, TC10423, TC10822
ERR29	TC10313, TC10412
ERR30	TC10314, TC10413
ERR32	TC10315, TC10414
ERR33	TC10316, TC10415
ERR34	TC10317, TC10416
ERR35	TC10318, TC10417
ERR36	TC10319, TC10418
ERR37	TC10320, TC10419
ERR41	TC10708, TC10809, TC10908, TC11009, TC12509
ERR42	TC10709, TC10810, TC10909, TC11010, TC12510
ERR43	TC10721, TC10921, TC11022, TC12522
ERR44	TC10710, TC10811, TC10910, TC11011, TC12511
ERR45	TC10711, TC10812, TC10911, TC11012, TC12512
ERR47	TC10712, TC10817, TC10912, TC11013, TC11511, TC11710, TC12513
ERR48	TC10713, TC10913, TC11014, TC12514
ERR49	TC10714, TC10818, TC10914, TC11015, TC12515
ERR50	TC10222, TC10321, TC10420, TC10715, TC10819, TC10915, TC11016, TC11115, TC12516
ERR51	TC10717, TC10917, TC11018, TC12518
ERR52	TC10718, TC10918, TC11019, TC12519
ERR53	TC10223, TC10322, TC10421, TC10716, TC10820, TC10916, TC11017, TC11116, TC12517
ERR54	TC10719, TC10919, TC11020, TC12520
ERR56	TC11108
ERR57	TC11109
ERR58	TC11121
ERR59	TC11110
ERR60	TC11111
ERR62	TC11112
ERR63	TC11113
ERR64	TC11114
ERR65	TC11117
ERR66	TC11118
ERR68	TC11119
ERR71	TC11912
ERR72	TC11913
ERR73	TC11910
ERR74	TC11914
ERR75	TC11915
ERR77	TC11916
ERR78	TC11917
ERR79	TC11918
ERR80	TC11919
ERR81	TC11920
ERR82	TC11921
ERR86	TC11714
ERR87	TC11715
ERR88	TC11712

ERR89	TC11716
ERR90	TC11717
ERR92	TC11718
ERR93	TC11719
ERR94	TC11720
ERR95	TC11722
ERR96	TC11723
ERR97	TC11721
ERR98	TC11724
ERR101	TC10018
ERR102	TC10019
ERR103	TC10020
ERR104	TC10021
ERR105	TC10022
ERR106	TC10023
ERR107	TC10024
ERR108	TC10025
ERR109	TC10027
ERR110	TC10028
ERR111	TC10026
ERR112	TC10029
ERR116	TC11515
ERR117	TC11516
ERR118	TC11513
ERR119	TC11517
ERR120	TC11518
ERR122	TC11519
ERR123	TC11520
ERR124	TC11521
ERR125	TC11523
ERR126	TC11524
ERR127	TC11522
ERR128	TC11525
ERR131	TC10813
ERR132	TC10814
ERR133	TC10815
ERR134	TC10816

D.2 Test step cross reference

Test step identifier	Used in test case/test step
PR30001	TC10001, TC10002, TC10003, TC10004, TC10005, TC10006, TC10007, TC10008, TC10009, TC10010, TC10011, TC10012, TC10013, TC10014, TC10015, TC10016, TC10018, TC10019, TC10020, TC10021, TC10022, TC10023, TC10024, TC10025, TC10026, TC10027, TC10028, TC10029, TC20001, TC20002, TC20003, TC22501, TC22502, PR30101, PR30201, PR30301, PR30701, PR30801, PR30901, PR31101, PR31701, PR31901, PR32501
PR30101	TC10101, TC10102, TC10103, TC10104, TC10105, TC10106, TC10107, TC10108, TC10109, TC10110, TC10111, TC10112, TC10113, TC10114, TC10115, TC10116, TC10117, TC10118, TC10119, TC10120, TC10121, TC10122
PR30201	TC10201, TC10202, TC10203, TC10204, TC10205, TC10206, TC10207, TC10208, TC10209, TC10210, TC10211, TC10212, TC10213, TC10214, TC10215, TC10216, TC10217, TC10218, TC10219, TC10220, TC10221, TC10222, TC10223, TC10224, TC10225, TC10226, TC20201, TC20203, TC20204
PR30301	TC10301, TC10302, TC10303, TC10304, TC10305, TC10306, TC10307, TC10308, TC10309, TC10310, TC10311, TC10312, TC10313, TC10314, TC10315, TC10316, TC10317, TC10318, TC10319, TC10320, TC10321, TC10322, TC10323, TC10324, TC10325, TC20301, TC20302, PR30401
PR30401	TC10401, TC10402, TC10403, TC10404, TC10405, TC10406, TC10407, TC10408, TC10409, TC10410, TC10411, TC10412, TC10413, TC10414, TC10415, TC10416, TC10417, TC10418, TC10419, TC10420, TC10421, TC10422, TC10423, TC10424, TC20401
PR30701	TC10701, TC10702, TC10703, TC10704, TC10705, TC10706, TC10707, TC10708, TC10709, TC10710, TC10711, TC10712, TC10713, TC10714, TC10715, TC10716, TC10717, TC10718, TC10719, TC10720, TC10721, TC10722, TC20701
PR30801	TC10801, TC10802, TC10803, TC10804, TC10805, TC10806, TC10807, TC10808, TC10809, TC10810, TC10811, TC10812, TC10813, TC10814, TC10815, TC10816, TC10817, TC10818, TC10819, TC10820, TC10821, TC10822, TC10823, TC20801, PR31001
PR30901	TC10901, TC10902, TC10903, TC10904, TC10905, TC10906, TC10907, TC10908, TC10909, TC10910, TC10911, TC10912, TC10913, TC10914, TC10915, TC10916, TC10917, TC10918, TC10919, TC10920, TC10921, TC10922, TC20901
PR31001	TC11001, TC11002, TC11003, TC11004, TC11005, TC11006, TC11007, TC11008, TC11009, TC11010, TC11011, TC11012, TC11013, TC11014, TC11015, TC11016, TC11017, TC11018, TC11019, TC11020, TC11021, TC11022, TC11023, TC11024, TC21001, TC21002, TC21003, TC21004, TC21005, TC21006, PR31501
PR31101	TC11101, TC11102, TC11103, TC11104, TC11105, TC11106, TC11107, TC11108, TC11109, TC11110, TC11111, TC11112, TC11113, TC11114, TC11115, TC11116, TC11117, TC11118, TC11119, TC11120, TC11121, TC11122
PR31501	TC11501, TC11502, TC11503, TC11504, TC11505, TC11506, TC11507, TC11508, TC11509, TC11510, TC11511, TC11512, TC11513, TC11514, TC11515, TC11516, TC11517, TC11518, TC11519, TC11520, TC11521, TC11522, TC11523, TC11524, TC11525, TC21501, TC21502
PR31701	TC11701, TC11702, TC11703, TC11704, TC11705, TC11706, TC11707, TC11708, TC11709, TC11710, TC11711, TC11712, TC11713, TC11714, TC11715, TC11716, TC11717, TC11718, TC11719, TC11720, TC11721, TC11722, TC11723, TC11724, TC21701
PR31901	TC11901, TC11902, TC11903, TC11904, TC11905, TC11906, TC11907, TC11908, TC11909, TC11910, TC11911, TC11912, TC11913, TC11914, TC11915, TC11916, TC11917, TC11918, TC11919, TC11920, TC11921
PR32501	TC12501, TC12502, TC12503, TC12504, TC12505, TC12506, TC12507, TC12508, TC12509, TC12510, TC12511, TC12512, TC12513, TC12514, TC12515, TC12516, TC12517, TC12518, TC12519, TC12520, TC12521, TC12522, TC12523

PO49901	<p>TC10002, TC10004, TC10005, TC10006, TC10007, TC10008, TC10009, TC10010, TC10011, TC10015, TC10016, TC10021, TC10022, TC10023, TC10024, TC10025, TC10026, TC10027, TC10028, TC10029, TC20001, TC20002, TC20003, TC10103, TC10107, TC10111, TC10115, TC10116, TC10117, TC10120, TC10202, TC10204, TC10208, TC10211, TC10215, TC10219, TC10222, TC10223, TC10224, TC20201, TC20203, TC20204, TC10302, TC10303, TC10307, TC10310, TC10314, TC10315, TC10316, TC10317, TC10318, TC10319, TC10320, TC10321, TC10322, TC10323, TC20301, TC20302, TC10401, TC10402, TC10406, TC10409, TC10413, TC10414, TC10415, TC10416, TC10417, TC10418, TC10419, TC10420, TC10421, TC10422, TC20401, TC10701, TC10704, TC10707, TC10711, TC10712, TC10713, TC10714, TC10715, TC10716, TC10717, TC10718, TC10719, TC10720, TC20701, TC10802, TC10805, TC10808, TC10812, TC10814, TC10817, TC10818, TC10819, TC10820, TC10821, TC20801, TC10901, TC10904, TC10907, TC10911, TC10912, TC10913, TC10914, TC10915, TC10916, TC10917, TC10918, TC10919, TC10920, TC20901, TC11001, TC11005, TC11008, TC11012, TC11013, TC11014, TC11015, TC11016, TC11017, TC11018, TC11019, TC11020, TC11021, TC11024, TC21001, TC21002, TC21003, TC21004, TC21005, TC21006, TC11101, TC11105, TC11107, TC11111, TC11112, TC11113, TC11114, TC11115, TC11116, TC11117, TC11118, TC11119, TC11120, TC11501, TC11506, TC11510, TC11511, TC11512, TC11518, TC11521, TC11522, TC11523, TC21501, TC11701, TC11705, TC11709, TC11710, TC11711, TC11717, TC11720, TC11721, TC11722, TC21701, TC12501, TC12503, TC12505, TC12508, TC12512, TC12513, TC12514, TC12515, TC12516, TC12517, TC12518, TC12519, TC12520, TC12521, TC22501, TC22502, PR30301, PR30701, PR30801, PR30901, PR31101, PR31501, PR31901, PR32501, CS50001, CS59901</p>
CS50001	<p>TC10001, TC10002, TC10003, TC10008, TC10009, TC10012, TC10013, TC10014, TC10015, TC10018, TC10019, TC10020, TC10023, TC10026, TC10027, TC10102, TC10103, TC10105, TC10207, TC10208, TC10210, TC10306, TC10307, TC10309, TC10405, TC10406, TC10408, TC10703, TC10704, TC10706, TC10804, TC10805, TC10807, TC10903, TC10904, TC10906, TC11004, TC11005, TC11007, TC11104, TC11105, TC11106, TC11112, TC11113, TC11114, TC11117, TC11118, TC11119, TC11504, TC11505, TC11506, TC11509, TC21502, TC11704, TC11705, TC11706, TC11708, TC11718, TC11719, TC11723, TC11724, TC11903, TC11904, TC11906, TC11916, TC11917, TC11918, TC11919, TC11920, TC11921, TC12504, TC12505, TC12507</p>

CS59901	TC10005, TC10006, TC10007, TC10011, TC10022, TC10023, TC10024, TC10025, TC10028, TC10029, TC20001, TC20002, TC10101, TC10104, TC10106, TC10107, TC10108, TC10109, TC10110, TC10111, TC10112, TC10113, TC10114, TC10115, TC10116, TC10117, TC10118, TC10119, TC10120, TC10121, TC10122, TC10201, TC10202, TC10203, TC10204, TC10205, TC10206, TC10209, TC10211, TC10212, TC10213, TC10214, TC10215, TC10216, TC10217, TC10218, TC10219, TC10220, TC10221, TC10222, TC10223, TC10224, TC10225, TC10226, TC20203, TC20204, TC10301, TC10302, TC10303, TC10304, TC10305, TC10308, TC10310, TC10311, TC10312, TC10313, TC10314, TC10315, TC10316, TC10317, TC10318, TC10319, TC10320, TC10321, TC10322, TC10323, TC10324, TC10325, TC20301, TC10401, TC10402, TC10403, TC10404, TC10407, TC10409, TC10410, TC10411, TC10412, TC10413, TC10414, TC10415, TC10416, TC10417, TC10418, TC10419, TC10420, TC10421, TC10422, TC10423, TC10424, TC20401, TC10701, TC10702, TC10705, TC10707, TC10708, TC10709, TC10710, TC10711, TC10712, TC10713, TC10714, TC10715, TC10716, TC10717, TC10718, TC10719, TC10720, TC10721, TC10722, TC20701, TC10801, TC10802, TC10803, TC10806, TC10808, TC10809, TC10810, TC10811, TC10812, TC10813, TC10814, TC10815, TC10816, TC10817, TC10818, TC10819, TC10820, TC10821, TC10822, TC10823, TC10901, TC10902, TC10905, TC10907, TC10908, TC10909, TC10910, TC10911, TC10912, TC10913, TC10914, TC10915, TC10916, TC10917, TC10918, TC10919, TC10920, TC10921, TC10922, TC20901, TC11001, TC11002, TC11003, TC11006, TC11008, TC11009, TC11010, TC11011, TC11012, TC11013, TC11014, TC11015, TC11016, TC11017, TC11018, TC11019, TC11020, TC11021, TC11022, TC11023, TC11024, TC21003, TC21004, TC21005, TC11101, TC11102, TC11103, TC11107, TC11108, TC11109, TC11110, TC11111, TC11115, TC11116, TC11120, TC11121, TC11122, TC11501, TC11502, TC11503, TC11507, TC11508, TC11511, TC11513, TC11514, TC11515, TC11516, TC11517, TC11518, TC11519, TC11520, TC11521, TC11522, TC11523, TC11524, TC11525, TC11701, TC11702, TC11703, TC11707, TC11710, TC11712, TC11713, TC11714, TC11715, TC11716, TC11717, TC11720, TC11721, TC11722, TC11901, TC11902, TC11905, TC11907, TC11908, TC11909, TC11910, TC11911, TC11912, TC11913, TC11914, TC11915, TC12501, TC12502, TC12503, TC12506, TC12508, TC12509, TC12510, TC12511, TC12512, TC12513, TC12514, TC12515, TC12516, TC12517, TC12518, TC12519, TC12520, TC12521, TC12522, TC12523, TC22501, TC22502
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Annex E (informative): Cross reference list for primary rate access ATS**E.1 Constraint cross reference**

Constraint name	Used in test case/test step
AL1	TC10005, TC10006, TC10007, TC10011, TC10022, TC10023, TC10024, TC10025, TC10028, TC10029, TC12503, TC22501, TC19104, TC19109, TC19110, TC19111, TC19115, PR30701, PR30801, PR31901, CS59901
AL2	TC10201, TC10301, TC10409, PR30401
CA1	TC10202, TC10302, TC10315, TC10316, TC10317, TC10319, TC10320, TC10401, TC10414, TC10415, TC10416, TC10418, TC10419
CA2	TC10801, PR31001
CA3	TC10107
CN1	TC10005, TC10006, TC10007, TC10011, TC10022, TC10023, TC10024, TC10025, TC10028, TC10029, TC12503, TC22501, TC19104, TC19109, TC19110, TC19111, TC19115, PR30801, PR31901, CS59901
CN2	TC10202, TC10302, TC10401
CN3	TC10707, TC10808, TC10907, TC11008, TC12508
CP1	TC10005, TC10006, TC10007, TC10011, TC10022, TC10023, TC10024, TC10025, TC10028, TC10029, TC12503, TC22501, TC19104, TC19109, TC19110, TC19111, TC19115, PR30701, PR30801, PR30901, PR31901, CS59901
CP2	TC10101, TC10203, TC10310, TC11107, PR30301, PR31101
CP3	TC11908
DI1	TC20201, TC20302, TC20801, TC21006, TC22501, PR31101, PR39003
DI2	TC10010, TC10204, TC10303, TC10402, TC10701, TC10802, TC10901, TC11001, TC21001, TC11101, TC11901, TC12501, PR31901
DI3	TC20203, TC20301, TC20401, TC21003
IN1	TC20201, TC20204, PR30301
IN2	TC10205, TC10304, TC10403, TC10702, TC10803, TC10902, TC11002, TC11102, TC11902, TC12502
IN3	TC12503
IN4	UM59902
MSG	UM59902
NO1	TC21004
NO2	TC11003, TC11103
NO3	UM59902
PG1	TC20701, TC20901, TC22502
PG2	TC10206, TC10305, TC10404
RC1	TC20003, TC10103, TC10208, TC10307, TC10406, TC10704, TC10805, TC10904, TC11005, TC11105, TC11112, TC11113, TC11114, TC11119, TC12505, PO49901, DF69901
RC2	TC10001, TC10004, TC10010, TC10016, TC20003, TC10102, TC10207, TC10306, TC10405, TC10703, TC10804, TC10903, TC11004, TC21001, TC21006, TC11104, TC11903, TC11908, TC11909, TC11915, TC12504, PR39002, PR39003, CS50001, CS59901
RC3	TC10002, TC10004, TC10008, TC10009, TC10010, TC10015, TC10016, TC10023, TC10026, TC10027, TC11117, TC11118, CS50001
RL1	TC10204, TC10303, TC10402, TC10701, TC10712, TC10713, TC10714, TC10719, TC10802, TC10817, TC10818, TC10901, TC10912, TC10913, TC10914, TC10919, TC11001, TC11013, TC11014, TC11015, TC11020, TC21001, TC11101, TC12501, TC12513, TC12514, TC12515, TC12520, PR31901, PR39002, PR39003
RL2	TC10004, TC10010, TC10016, TC10222, TC10223, TC10321, TC10322, TC10420, TC10421, TC10715, TC10716, TC10717, TC10718, TC10819, TC10820, TC10915, TC10916, TC10917, TC10918, TC11016, TC11017, TC11018, TC11019, TC21006, TC11115, TC11116, TC12516, TC12517, TC12518, TC12519, CS50001
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RSA1	PR39001, PR39101

RSA2	TC19003, TC29001, TC29002, TC19101, TC19104, PR39001, PO49901, CS59003, DF69901
RSA3	TC19009, TC19010, TC19011, PR39001, PR39101
RSA4	TC19015
RSA5	TC29001, TC29002, TC19104, PR39001, PO49901, CS59003, DF69901
RST1	TC29001, TC29002, PR39001, PR39101, DF69901
RST2	TC19003
RST3	TC29001, TC29002, PR39001, PR39101, DF69901
SQ1	TC10107, TC10120, TC10211, TC10224, TC10310, TC10323, TC10409, TC10422, TC10707, TC10720, TC10808, TC10821, TC10907, TC10920, TC11008, TC11021, TC21002, TC11107, TC11120, TC11908, TC11909, TC12508, TC12521, CS50001, CS59901
SQ2	PR39001, CS59003
SQ3	UM59902
ST1	TC11103
ST2	TC10003, TC10004, TC10105, TC10107, TC10120, TC10210, TC10211, TC10224, TC10309, TC10310, TC10323, TC10408, TC10409, TC10422, TC10706, TC10707, TC10720, TC10807, TC10808, TC10821, TC10906, TC10907, TC10920, TC11007, TC11008, TC11021, TC11106, TC11107, TC11120, TC11906, TC11907, TC11908, TC11909, TC12507, TC12508, TC12521
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ST4	TC10021, TC10111, TC10215, TC10314, TC10413, TC10711, TC10812, TC10911, TC11012, TC11111, TC11915, TC12512
ST5	PR39001
ST6	TC10028, TC10029, TC10118, TC10119, TC10220, TC10221, TC10319, TC10320, TC10418, TC10419, TC10719, TC10815, TC10816, TC10919, TC11020, TC11119, TC12520, CS50001, CS59901
ST7	TC19001, TC19012, TC19013, TC19014, TC19016, TC19101, TC19112, TC19113, TC19114, TC19115, TC19116, CS59003
ST8	TC19002, TC19103
ST9	TC19015
SU1	TC20002, TC20003, PR30101, PR30201, PR30301, PR31101
SU2	TC10006, TC10011, TC19104, TC19109, TC19110, TC19111, TC19115, PR30701, PR30801, PR30901
SU3	TC10005, PR31901
SU4	TC10008
SU5	TC10009
SU6	TC22501, PR32501
SU7	TC10007
SU9	PR30101, PR30201, PR30301, PR31101
SU10	TC22502
SUA1	TC10005, TC10011, TC10022, TC10023, TC10024, TC10025, TC10028, TC10029, TC22501, TC22502, PR31901, PR32501
SUA2	TC10104, TC10211, PR30201, PR30301, PR31101
ERR1	TC10012
ERR2	TC10013, TC10122, TC10226, TC10325, TC10424, TC10722, TC10823, TC10922, TC11023, TC11122, TC11911, TC12523
ERR3	TC10014
ERR4	TC10015
ERR5	TC10016, TC10720, TC10821, TC10920, TC11021, TC11909, TC12521
ERR7	TC10120, TC10224, TC10323, TC10422, TC11120
ERR11	TC10108, TC10212
ERR12	TC10109, TC10213
ERR13	TC10121, TC10225
ERR14	TC10110, TC10214
ERR15	TC10111, TC10215

ERR17	TC10112, TC10216
ERR18	TC10113, TC10217
ERR19	TC10114, TC10218
ERR20	TC10115
ERR21	TC10116
ERR22	TC10117, TC10219
ERR23	TC10118, TC10220
ERR24	TC10119, TC10221
ERR26	TC10311, TC10410
ERR27	TC10312, TC10411
ERR28	TC10324, TC10423, TC10822
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ERR35	TC10318, TC10417
ERR36	TC10319, TC10418
ERR37	TC10320, TC10419
ERR41	TC10708, TC10809, TC10908, TC11009, TC12509
ERR42	TC10709, TC10810, TC10909, TC11010, TC12510
ERR43	TC10721, TC10921, TC11022, TC12522
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ERR49	TC10714, TC10818, TC10914, TC11015, TC12515
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ERR51	TC10717, TC10917, TC11018, TC12518
ERR52	TC10718, TC10918, TC11019, TC12519
ERR53	TC10223, TC10322, TC10421, TC10716, TC10820, TC10916, TC11017, TC11116, TC12517
ERR54	TC10719, TC10919, TC11020, TC12520
ERR56	TC11108
ERR57	TC11109
ERR58	TC11121
ERR59	TC11110
ERR60	TC11111
ERR62	TC11112
ERR63	TC11113
ERR64	TC11114
ERR65	TC11117
ERR66	TC11118
ERR68	TC11119
ERR71	TC11912
ERR72	TC11913
ERR73	TC11910
ERR74	TC11914
ERR75	TC11915
ERR77	TC11916
ERR78	TC11917
ERR79	TC11918
ERR80	TC11919
ERR81	TC11920
ERR82	TC11921
ERR101	TC10018

ERR102	TC10019
ERR103	TC10020
ERR104	TC10021
ERR105	TC10022
ERR106	TC10023
ERR107	TC10024
ERR108	TC10025
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ERR110	TC10028
ERR111	TC10026
ERR112	TC10029
ERR131	TC10813
ERR132	TC10814
ERR133	TC10815
ERR134	TC10816
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ERR205	TC19005, TC19106
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ERR206	TC19006
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ERR210	TC19010
ERR211	TC19011
ERR212	TC19012
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ERR214	TC19014
ERR215	TC19015
ERR216	TC19016
ERR217	TC19105
ERR218	TC19107
ERR219	TC19108
ERR220	TC19109
ERR221	TC19110
ERR222	TC19111
ERR223	TC19112
ERR224	TC19113
ERR225	TC19114
ERR226	TC19115
ERR227	TC19116

E.2 Test step cross reference

Test step identifier	Used in test case/test step
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PR30101	TC10101, TC10102, TC10103, TC10104, TC10105, TC10106, TC10107, TC10108, TC10109, TC10110, TC10111, TC10112, TC10113, TC10114, TC10115, TC10116, TC10117, TC10118, TC10119, TC10120, TC10121, TC10122
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PR30701	TC10701, TC10702, TC10703, TC10704, TC10705, TC10706, TC10707, TC10708, TC10709, TC10710, TC10711, TC10712, TC10713, TC10714, TC10715, TC10716, TC10717, TC10718, TC10719, TC10720, TC10721, TC10722, TC20701
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