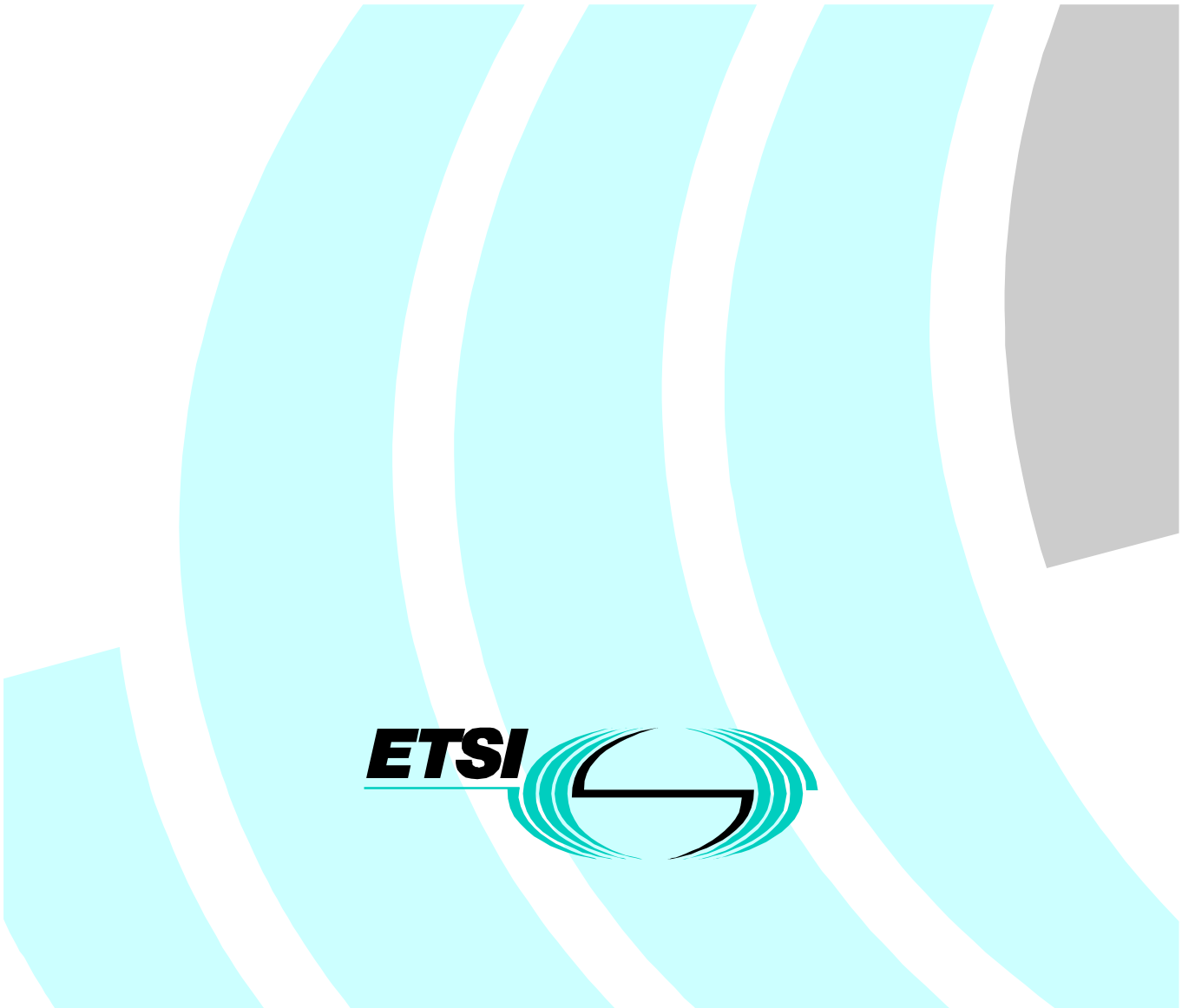
Final draft ETSI EN 300 899-3 V1.1.1 (2001-07)

European Standard (Telecommunications series)

Integrated Services Digital Network (ISDN); Signalling System No.7; Interworking between ISDN User Part (ISUP) version 2 and Digital Subscriber Signalling System No. one (DSS1); Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification



Reference
DEN/SPAN-130052-3

Keywords
DSS1, interworking, ISDN, ISUP, SS7, TSS&TP

ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

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

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Important notice

Individual copies of the present document can be downloaded from:
http://www.etsi.org

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at http://www.etsi.org/tb/status/

If you find errors in the present document, send your comment to:
editor@etsi.fr

Copyright Notification

No part may be reproduced except as authorized by written permission.
The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2001.
All rights reserved.

Contents

Intellectual Property Rights 7
Foreword 7
1 Scope 8
2 References 8
3 Definitions and abbreviations 11
3.1 Definitions 11
3.2 Abbreviations 12
4 Implementation under test and test methods 13
4.1 Identification of the system and implementation under test 13
4.2 ATM and testing configuration 13
4.2.1 Test method 13
4.3 Untreatable test purposes 15
5 Test Suite Structure (TSS) 15
5.1 Interworking from DSS1 to ISUP (outgoing call) 15
5.2 Interworking from Non-ISDN access to ISUP (outgoing call) 15
5.3 Interworking from ISUP to DSS1 (incoming call) 16
5.4 Interworking from ISUP to Non-ISDN access (incoming call) 16
5.5 Supplementary Services - Interworking from DSS1 to ISUP (outgoing call) 17
5.6 Supplementary Services - Interworking from ISUP to DSS1 (incoming call) 17
6 Test purposes (TP) 18
6.1 Introduction 18
6.1.1 Test purpose (TP) naming convention 18
6.1.2 Source of test purpose definition 18
6.1.3 Test purpose structure 18
6.2 Test purposes for the basic call 18
6.2.1 Interworking from DSS1 to ISUP (Outgoing Call) 18
6.2.1.1 Sending of the Initial Address Message (IAM) 18
6.2.1.2 Sending of the Subsequent Address Message (SAM) 31
6.2.1.3 Receipt of the Address Complete Message (ACM) 32
6.2.1.4 Receipt of the Call progress message (CPG) 50
6.2.1.5 Receipt of the Answer message (ANM) 62
6.2.1.6 Receipt of the Connect message (CON) 72
6.2.1.7 Receipt of the Release message (REL) 81
6.2.1.8 Sending of the REL message 92
6.2.1.9 Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented 123
6.2.1.9.1 Receipt of Reset Circuit message (RSC) 123
6.2.1.9.2 Receipt of Circuit Group Reset message (GRS) 125
6.2.1.9.3 Receipt of Circuit Group blocking message (CGB) with the indication "hardware failure oriented" 126
6.2.1.10 DSS1 Data link reset and Data Link failure procedures 128
6.2.1.11 Receipt of the Suspend message (SUS) network initiated 131
6.2.1.12 Receipt of the Resume message (RES) network initiated 131
6.2.1.13 Release by the exchange 131
6.2.1.14 Receipt of the release complete (RLC) 132
6.2.2 Interworking from Non-ISDN to ISUP (Outgoing Call) 137
6.2.2.1 Sending of the Initial address message (IAM) 137
6.2.2.2 Receipt of the Address complete message (ACM) 137
6.2.2.3 Receipt of the Call progress message (CPG) 137
6.2.2.4 Sending of the Release Message (REL) 138
6.2.2.5 Receipt of the Suspend message (SUS) network initiated 139
6.2.2.6 Receipt of the Resume message (RES) network initiated 139
6.2.2.7 Release by the Exchange 139

6.2.3 Interworking from ISUP to DSS1 140
6.2.3.1 Sending of the SETUP message 140
6.2.3.2 Receipt of the SAM message 145
6.2.3.3 Sending of the ACM message 145
6.2.3.4 Sending of the CPG message 158
6.2.3.5 Sending of the ANM message 170
6.2.3.6 Sending of the CON message 183
6.2.3.7 Receipt of the Release message (REL) 197
6.2.3.8 Sending of a REL message (REL) 207
6.2.3.9 Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented 223
6.2.3.9.1 Receipt of Reset Circuit message (RSC) 223
6.2.3.9.2 Receipt of Circuit Group Reset message (GRS) 225
6.2.3.9.3 Receipt of Circuit Group blocking message (CGB) with the indication "hardware failure oriented" 227
6.2.3.10 DSS1 Data link reset and Data Link failure procedures 228
6.2.3.11 Release by the exchange 231
6.2.3.12 Receipt of the Release Complete message (RLC) 233
6.2.4 Procedures for point-to-multipoint configurations with more than one terminal attached 242
6.2.4.1 Sending of the Call progress message (CPG) 242
6.2.4.2 Sending of the Answer message (ANM) 253
6.2.4.3 Receipt of call clearing messages during call establishment 256
6.2.5 Interworking from ISUP to Non-ISDN (Incoming Call) 258
6.2.5.1 Sending of the Ringing 258
6.2.5.2 Receipt of the Subsequent address message (SAM) 258
6.2.5.3 Sending of the Address complete message (ACM) 259
6.2.5.4 Sending of the Call progress message (CPG) 260
6.2.5.5 Sending of the answer message (ANM) 260
6.2.5.6 Receipt of the Release message (REL) 260
6.2.5.7 Sending of the Suspend message (SUS) network initiated 261
6.2.5.8 Sending of the Resume message (RES) network initiated 262
6.3 Test purposes for the Supplementary Services 262
6.3.1 Interworking from DSS1 to ISUP (Outgoing Call) 262
6.3.1.1 Calling Line Identification Presentation (CLIP) 262
6.3.1.1.1 Special arrangement applies 262
6.3.1.1.2 Special arrangement does not apply 269
6.3.1.2 Calling Line Identification Restriction (CLIR) 277
6.3.1.2.1 Special arrangement applies 277
6.3.1.2.2 Special arrangement does not apply 279
6.3.1.3 Connected Line Identification Presentation (COLP) 282
6.3.1.3.1 COLP subscribed 282
6.3.1.3.2 COLP not subscribed 296
6.3.1.4 Subaddressing (SUB) 297
6.3.1.5 Call diversion (CDIV) 298
6.3.1.5.1 Reception of a "call is diverting" notification 298
6.3.1.5.2 Reception of the Redirection number restriction parameter 312
6.3.1.6 Call Waiting (CW) 330
6.3.1.7 Call Hold (HOLD) 332
6.3.1.7.1 Notification received from the network 332
6.3.1.7.2 Invocation at coincident S and T reference point 333
6.3.1.7.3 Notification received at T reference point 335
6.3.1.8 Terminal Portability (TP) 336
6.3.1.8.1 Notification received from the network 336
6.3.1.8.2 Invocation at coincident S and T reference point 337
6.3.1.8.3 Notification received at T reference point 338
6.3.1.9 Conference Calling (CONF) 339
6.3.1.9.1 Notification received from the network 339
6.3.1.9.2 Invocation at coincident S and T reference point 342
6.3.1.9.3 Notification at T reference point 346
6.3.1.10 Three-party (3PTY) 350
6.3.1.10.1 Notification received from the network 350
6.3.1.10.2 Invocation at coincident S and T reference point 352

6.3.1.10.3 Notification at T reference point 357
6.3.1.11 Closed User Group (CUG) 358
6.3.1.11.1 CUG subscribed 358
6.3.1.11.2 CUG not subscribed 365
6.3.1.12 User to User Signalling (UUS) 366
6.3.1.12.1 Service 1 (UUS1) implicit 366
6.3.1.12.2 Service 1 (UUS1) explicit 370
6.3.1.12.3 Service 2 (UUS2) 387
6.3.1.12.4 Service 3 (UUS3) 396
6.3.1.13 Completion of Call to Busy Subscriber (CCBS) 407
6.3.1.13.1 S/T reference point 407
6.3.1.13.2 T reference point 410
6.3.1.14 Explicit Call Transfer (ECT) 411
6.3.1.14.1 S/T reference point 411
6.3.1.14.1.1 Loop prevention procedure 412
6.3.1.14.1.2 Service invocation 422
6.3.1.14.2 T reference point 427
6.3.1.14.2.1 Loop prevention procedure 427
6.3.1.14.2.2 Service invocation 428
6.3.1.15 Completion of Calls on No Reply (CCNR) 431
6.3.1.15.1 S/T reference point 431
6.3.1.15.2 T reference point 435
6.3.2 Interworking from ISUP to DSS1 (Incoming Call) 437
6.3.2.1 Calling Line Identification Presentation (CLIP) 437
6.3.2.1.1 CLIP subscribed 437
6.3.2.1.2 CLIP not subscribed 447
6.3.2.2 Connected Line Identification Presentation (COLP) 448
6.3.2.2.1 Special arrangement applies 448
6.3.2.2.2 Special arrangement does not apply 461
6.3.2.3 Connected Line Identification Restriction (COLR) 477
6.3.2.3.1 Special arrangement applies 478
6.3.2.3.2 Special arrangement does not apply 482
6.3.2.4 Subaddressing (SUB) 486
6.3.2.5 Call Diversion (CDIV) 487
6.3.2.6 Call Waiting (CW) 512
6.3.2.6.1 S/T reference point 512
6.3.2.6.2 T reference point 513
6.3.2.7 Call Hold (HOLD) 515
6.3.2.7.1 Notification received from the network 515
6.3.2.7.2 Invocation at coincident S and T reference point 517
6.3.2.7.3 Notification received at T reference point 518
6.3.2.8 Terminal Portability (TP) 519
6.3.2.8.1 Notification received from the network 519
6.3.2.8.2 Invocation at coincident S and T reference point 520
6.3.2.8.3 Notification received at T reference point 521
6.3.2.9 Conference Calling (CONF) 522
6.3.2.9.1 Notification received from the network 522
6.3.2.9.2 Invocation at coincident S and T reference point 525
6.3.2.9.3 Notification at T reference point 529
6.3.2.10 Three-party (3PTY) 533
6.3.2.10.1 Notification received from the network 533
6.3.2.10.2 Invocation at coincident S and T reference point 535
6.3.2.10.3 Notification at T reference point 540
6.3.2.11 Closed User Group (CUG) 541
6.3.2.11.1 CUG subscribed 541
6.3.2.11.2 CUG not subscribed 547
6.3.2.12 User User Signalling (UUS) 547
6.3.2.12.1 Service 1 (UUS1) implicit 547
6.3.2.12.2 Service 1 (UUS1) explicit 552
6.3.2.12.3 Service 2 (UUS2) 575
6.3.2.12.4 Service 3 (UUS3) 588
6.3.2.13 Completion of Call to Busy Subscriber (CCBS) 606

6.3.2.13.1 S/T reference point 606
6.3.2.13.2 T reference point 608
6.3.2.14 Explicit Call Transfer (ECT) 610
6.3.2.14.1 S/T reference point 610
6.3.2.14.2 T reference point 638
6.3.2.14.2.1 Loop prevention procedure 638
6.3.2.14.2.2 Service invocation 640
6.3.2.15 Completion of Calls on No reply (CCNR) 648
6.3.2.15.1 S/T reference point 648
6.3.2.15.2 T reference point 649

7 Test coverage 651
7.1 General remarks 651

Annex A (informative): Definition of causes values 652

Annex B (informative): Bibliography 670

History 671

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (http://www.etsi.org/ipr).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Services and Protocols for Advanced Networks (SPAN), and is now submitted for the Vote phase of the ETSI standards Two-step Approval Procedure.

The present document is part 3 of a multi-part deliverable covering the Integrated Services Digital Network (ISDN); Signalling System No.7; Interworking between ISDN User Part (ISUP) version 2 and Digital Subscriber Signalling System No. one (DSS1), as identified below:

Part 1: "Protocol specification [ITU-T Recommendation Q.699, modified]";

Part 2: "Protocol Implementation Conformance Statement (PICS) proforma specification";

Part 3: "Test Suite Structure and Test Purposes (TSS&TP) specification";

Part 4: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) specification".

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

1 Scope

The present document specifies the network Test Suite Structure and Test Purposes (TSS&TP) for the interworking between ISDN [6] and non-ISDN access and the ISDN User Part functions and protocol of Signalling System No. 7 [2]-[5]. The interworking between the above signalling protocols is described in EN 300 899-1 [1] and occurs in an exchange with ISDN local exchange functionality and is specified in the context of a typical call in a pure ISDN or mixed ISDN/non-ISDN environment. The non-ISDN access defined in the present document means the analogue line access. The present document applies only to exchanges having implemented the ISUP V2 protocol specification.

A further part of the present document specifies the Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma based on the present document.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication and/or edition number or version number) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

[1] ETSI EN 300 899-1: "Integrated Services Digital Network (ISDN); Signalling System No.7; Interworking between ISDN User Part (ISUP) version 2 and Digital Subscriber Signalling System No. one (DSS1); Part 1: Protocol specification [ITU-T Recommendation Q.699, modified]".

[2] ITU-T Recommendation Q.761 (1997): "Functional description of the ISDN User Part of Signalling System No. 7".

[3] ITU-T Recommendation Q.762 (1997): "General function of messages and signals of the ISDN User Part of Signalling System No.7".

[4] ITU-T Recommendation Q.763 (1997): "Formats and codes of the ISDN User Part of Signalling System No.7".

[5] ETSI ETS 300 356-1 (1995): "Integrated Services Digital Network (ISDN); Signalling System No.7; ISDN User Part (ISUP) version 2 for the international interface; Part 1: Basic services [ITU-T Recommendations Q.761 to Q.764 (1993), modified]".

[6] ETSI EN 300 403-1: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 1: Protocol specification [ITU-T Recommendation Q.931 (1993), modified]".

[7] ETSI EN 300 485: "Integrated Services Digital Network (ISDN); Definition and usage of cause and location in Digital Subscriber Signalling System No. one (DSS1) and Signalling System No. 7 (SS7) ISDN User Part (ISUP) [ITU-T Recommendation Q.850 (1998) with addendum modified]".

[8] ISO/IEC 9646-1 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".

[9] ISO/IEC 9646-3 (1998): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 3: The Tree and Tabular Combined Notation (TTCN)".

[10] ISO/IEC 9646-7 (1995): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".

[11] ITU-T Recommendation E.164: "Numbering in the ISDN era".

[12] ETSI ETS 300 356-9 (1995): "Integrated Services Digital Network (ISDN); Signalling System No.7; ISDN User Part (ISUP) version 2 for the international interface; Part 9: Closed User Group (CUG) supplementary service [ITU-T Recommendation Q.735, clause 1 (1993), modified]".

[13] ETSI EN 300 092-1: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[14] ETSI EN 300 093-1: "Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[15] ETSI EN 300 097-1: "Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[16] ETSI EN 300 098-1: "Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[17] ETSI EN 300 207-1: "Integrated Services Digital Network (ISDN); Diversion supplementary services; Digital Subscriber Signalling System No. One (DSS1); Part 1: Protocol specification".

[18] ETSI EN 300 061-1: "Integrated Services Digital Network (ISDN); Subaddressing (SUB) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[19] ETSI EN 300 058-1: "Integrated Services Digital Network (ISDN); Call Waiting (CW) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[20] ETSI EN 300 141-1: "Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[21] ETSI EN 300 055-1: "Integrated Services Digital Network (ISDN); Terminal Portability (TP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[22] ETSI EN 300 185-1: "Integrated Services Digital Network (ISDN); Conference call, add-on (CONF) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[23] ETSI EN 300 188-1: "Integrated Services Digital Network (ISDN); Three-Party (3PTY) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[24] ETSI EN 300 138-1: "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[25] ETSI EN 300 286-1: "Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[26] ETSI EN 300 359-1: "Integrated Services Digital Network (ISDN); Completion of Calls to Busy Subscriber (CCBS) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[27] ETSI EN 300 369-1: "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[28] ETSI EN 301 065-1: "Integrated Services Digital Network (ISDN); Completion of Calls on No Reply (CCNR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[29] ETSI EN 300 356-20: "Integrated Services Digital Network (ISDN); Signalling System No.7 (SS7); ISDN User Part (ISUP) version 4 for the international interface; Part 20: Completion of Calls on No Reply (CCNR) supplementary service [ITU-T Recommendation Q.733, clause 5 (1999) modified]".

[30] ETSI EN 300 138-2: "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[31] ITU-T Recommendation F.60: "Operational provisions for the international telex service".

[32] ITU-T Recommendation F.182: "Operational provisions for the international public facsimile service between subscribers with Group 3 facsimile terminals (Telefax 3)".

[33] ITU-T Recommendation F.184: "Operational provisions for the international public facsimile service between subscriber stations with group 4 facsimile terminals (telefax 4)".

[34] ITU-T Recommendation F.300: "Videotex service".

[35] ITU-T Recommendation F.721: "Videotelephony teleservice for ISDN".

[36] ITU-T Recommendation T.101: "International interworking for videotex services".

[37] ITU-T Recommendation T.102: "Syntax-based videotex end-to-end protocols for the circuit mode ISDN".

[38] ITU-T Recommendation X.200 series: "Information technology - Open Systems Interconnection - Basic Reference Model: The basic model".

[39] ITU-T Recommendation X.400 series: "Message handling system and service overview".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in:

- terms defined in ISDN/ISUP interworking reference specification [1];
- terms defined in ISDN layer 3 reference specification [6];
- terms defined in ISDN User Part (ISUP) reference specification [2]-[5];
- terms defined in ISO/IEC 9646-1 [8], ISO/IEC 9646-3 [9] and in ISO/IEC 9646-7 [10];

and the following apply:

Abstract Test Case (ATC): complete and independent specification of the actions required to achieve a specific test purpose, defined at the level of abstraction of a particular Abstract Test Method, starting in a stable testing state and ending in a stable testing state (see [8], clause 3.3.3)

Abstract Test Method (ATM): description of how an IUT is to be tested, given at an appropriate level of abstraction to make the description independent of any particular realization of a Means of Testing, but with enough detail to enable abstract test cases to be specified for this method (see [8], clause 3.3.5)

Abstract Test Suite (ATS): test suite composed of abstract test cases (see [8], clause 3.3.6)

Implementation Under Test (IUT): implementation of one or more OSI protocols in an adjacent user/provider relationship, being part of a real open system which is to be studied by testing (see [8], clause 3.3.43)

ISDN number: number conforming to the numbering and structure specified in ITU-T Recommendation E.164 [11]

Means of Testing (MOT): combination of equipment and procedures that can perform the derivation, selection, parameterization and execution of test cases, in conformance with a reference standardized ATS, and can produce a conformance log (see [8], clause 3.3.54)

PICS proforma: document, in the form of a questionnaire, which when completed for an implementation or system becomes the PICS

PIXIT proforma: document, in the form of a questionnaire, which when completed for the IUT becomes the PIXIT

Point of Control and Observation: point within a testing environment where the occurrence of test events is to be controlled and observed, as defined in an Abstract Test Method (see [8], clause 3.3.64)

Pre-test condition: setting or state in the IUT which cannot be achieved by providing stimulus from the test environment

Protocol Implementation Conformance Statement (PICS): statement made by the supplier of a protocol claimed to conform to a given specification, stating which capabilities have been implemented (see [8], clauses 3.3.39 and 3.3.80)

Protocol Implementation eXtra Information for Testing (PIXIT): statement made by a supplier or implementor of an IUT (protocol) which contains or references all of the information related to the IUT and its testing environment, which will enable the test laboratory to run an appropriate test suite against the IUT (see [8], clauses 3.3.41 and 3.3.81)

System Under Test (SUT): real open system in which the IUT resides (see [8], clause 3.3.103)

User: access protocol entity at the User side of the user-network interface where a T reference point or coincident S and T reference point applies

3.2 Abbreviations

The ISUP message acronyms can be found in table 2/Q.762 [3].

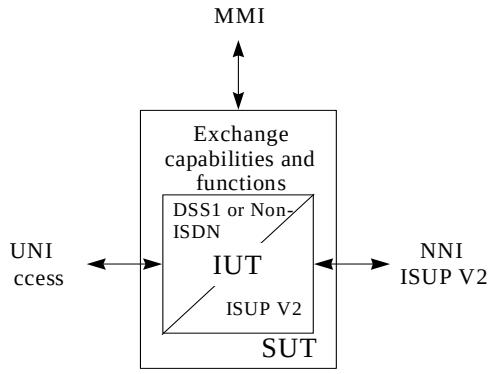
For the purposes of the present document, the following abbreviations apply:

ATC	Abstract Test Case
ATM	Abstract Test Method
ATP	Access Transport Parameter
ATS	Abstract Test Suite
BC	Bearer Capability
BCI	Backward Call Indicators
CPS	Calling Party's Category
DSS1	Digital Subscriber System No. 1
FCI	Forward Call Indicators
HLC	High Layer Compatibility
ISDN	Integrated Services Digital Network
ISUP	ISDN User Part
IUT	Implementation Under Test
LLC	Low Layer Compatibility
LT	Lower Tester
MMI	Man Machine Interface
MOT	Means Of Testing
MTC	Main Test Component
NCI	Nature of Connection Indicators
NNI	Network-network interface
OBCI	Optional Backward Call Indicators
PCO	Point of Control and Observation
PDU	Protocol Data Unit
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
SUT	System Under Test
TMR	Transmission Medium Requirement
TMU	Transmission Medium Used
TP	Test Purpose
TSS&TP	Test Suite Structure and Test Purposes
TSS	Test Suite Structure
TTCN	Tree and Tabular Combined Notation
UNI	User-network interface

4 Implementation under test and test methods

4.1 Identification of the system and implementation under test

The system under test (SUT) is a local exchange where calls originate and terminate.



ISUP - ISDN User Part
IUT - Implementation Under Test
MMI - Man Machine Interface
SUT - System Under Test

Figure 1: Exchange as SUT

The implementation under test (IUT) is the interworking implementation between the ISDN access or non-ISDN access signalling system and the ISUP V2 in this exchange, as shown in figure 1.

Circuit supervision is done mainly through the MMI (man machine interface) of the exchange. The MMI interface is implementation dependent and thus not standardized.

The effects of ISDN access signalling procedures can be observed on the D-channel on the UNI (user-network interface). The ISUP signalling protocol can be observed on the SS No. 7 link on the network-network interface (NNI).

4.2 ATM and testing configuration

The Abstract Test Method (ATM) chosen for this testing specification is the distributed multiparty test method. The ATM is defined at an appropriate level of abstraction so that the test cases may be specified appropriately, without adding restrictions to the implementation under test. The testing architectures are described in the following clauses.

The ATS is written in concurrent TTCN.

4.2.1 Test method

The requirement for testing the network SUT is to focus on both the behaviour of the network SUT at the user-network interface where a T reference point or coincident S and T reference point applies and on the behaviour of the ISUP circuit at the network-network interface.

It is possible to specify an ATS based on a Single party (remote) test method for such a SUT. However, it is considered that an ATS based on such an approach is of limited use as the only way to specify SUT generated PDUs is to use the "implicit send" statement. Many users of such an ATS would replace the "implicit send" statements with descriptions of the behaviour at other interfaces.

An ATS based on a multi-party test method is considered to be more useful in that it is closer to how a real test suite would be constructed. Such a test method specifies behaviour at multiple network interfaces. The test system is made up of one Main Test Component (MTC) and one or more Parallel Test Components (PTC), see figure 2.

To observe the mapping between DSS 1 layer 3 parameters and information elements and ISUP parameters and indicators, as defined in EN 300 899-1 [1], for each side a Point of Control and Observation (PCO) is needed. The PCO used by the LT to control the ISDN signalling is abbreviated with 'L1'; the ISUP signalling link is abbreviated with 'L2'. The ISDN and the ISUP PDUs to be sent and observed on the L1 and the L2 PCO side allow for PDU constraints to be specified and coded down to the bit level.

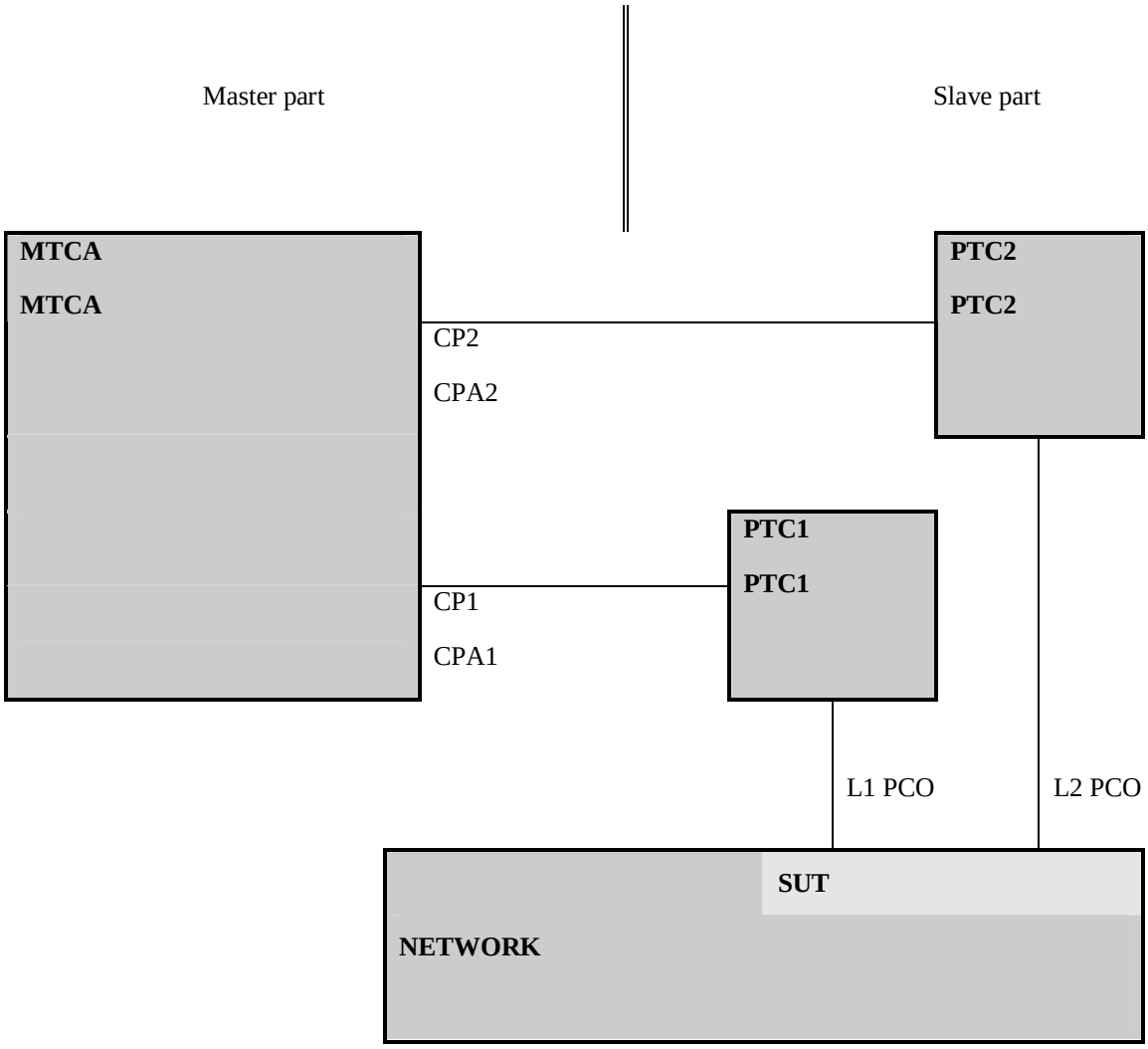


Figure 2: Test method

As EN 300 899-1 [1] focuses on the mapping between DSS 1 layer 3 parameters and information elements and ISUP parameters and indicators, no PCO for traffic channel functionality such as connectivity, tones and announcements is used in the present document.

In a master/slave arrangement, the MTC is considered to be the master while the PICS are the slaves. The MTC MTCA has only one function in this configuration. It has the pure MTC function of controlling the two or more PICS. Thus it is responsible for starting the PICS and afterwards coordinates activities by exchanging Coordination Messages (CM) with the PICS.

The "slave" testers are an explicit description of how to deal with the user-network and the network-network interfaces during the testing process, i.e. "how to make the SUT send the required message".

4.3 Untreatable test purposes

The test purposes of the two test groups:

- Interworking from Non-ISDN access to ISUP (outgoing call), TP20xxxx;
- Interworking from ISUP to Non-ISDN access (incoming call), TP40xxxx;

have not been converted into TTCN code, as the behaviour of the non-ISDN part can not be coded properly in TTCN, when using a test method as described above.

The test purposes of the two test groups:

- DSS1 Data link reset and Data Link failure procedures (outgoing call), TP111xxx;
- DSS1 Data link reset and Data Link failure procedures (incoming call), TP311xxx;

have not been converted into TTCN code, as the behaviour of the data link can not be coded properly in TTCN, when using a test method as described above.

5 Test Suite Structure (TSS)

The Test Suite Structure is in close alignment with EN 300 899-1 [1].

5.1 Interworking from DSS1 to ISUP (outgoing call)

DSS1-ISUP Basic call		
	Sending of the Initial address message (IAM)	101xxx
	Sending of the Subsequent address message (SAM)	102xxx
	Receipt of the Address complete message (ACM)	103xxx
	Receipt of the Call progress message (CPG)	104xxx
	Receipt of the answer message (ANM)	105xxx
	Receipt of the Connect message (CON)	106xxx
	Receipt of the Release message (REL)	107xxx
	Sending of the Release Message (REL)	108xxx
	Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	109xxx
	DSS1 Data link reset and Data link failure procedures	111xxx
	Receipt of the Suspend message (SUS) network initiated	112xxx
	Receipt of the Resume message (RES) network initiated	113xxx
	Release by the Exchange	114xxx
	Receipt of the release complete (RLC)	115xxx

Figure 3: Test suite structure for interworking between DSS1 to ISUP (outgoing call)

5.2 Interworking from Non-ISDN access to ISUP (outgoing call)

Non -ISDN – ISUP Basic call		
	Sending of the Initial address message (IAM)	201xxx
	Receipt of the Address complete message (ACM)	202xxx
	Receipt of the Call progress message (CPG)	203xxx
	Sending of the Release Message (REL)	204xxx
	Receipt of the Suspend message (SUS) network initiated	205xxx
	Receipt of the Resume message (RES) network initiated	206xxx
	Release by the Exchange	207xxx

Figure 4: Test suite structure for interworking between Non-ISDN to ISUP (outgoing call)

5.3 Interworking from ISUP to DSS1 (incoming call)

ISUP-DSS1 Basic call		
	Sending of the SETUP message	301xxx
	Receipt of the Subsequent address message (SAM)	302xxx
	Sending of the Address complete message (ACM)	303xxx
	Sending of the Call progress message (CPG)	304xxx
	Sending of the answer message (ANM)	305xxx
	Sending of the Connect message (CON)	306xxx
	Receipt of the Release message (REL)	307xxx
	Sending of the Release Message (REL)	308xxx
	Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	309xxx
	DSS1 Data link reset and Data link failure procedures	311xxx
	Release by the Exchange	312xxx
	The following three test groups test the procedures for point-to-multipoint configurations with more than one terminal attached.	
	Receipt of the release complete (RLC)	313xxx
	Sending of the Call progress message (CPG)	314xxx
	Sending of the answer message (ANM)	315xxx
	Receipt of call clearing messages during call establishment	316xxx

Figure 5: Test suite structure for interworking between ISUP to DSS1 (incoming call)

5.4 Interworking from ISUP to Non-ISDN access (incoming call)

ISUP - Non – ISDN Basic call		
	Sending of Ringing	401xxx
	Receipt of the Subsequent address message (SAM)	402xxx
	Sending of the Address complete message (ACM)	403xxx
	Sending of the Call progress message (CPG)	404xxx
	Sending of the answer message (ANM)	405xxx
	Receipt of the Release message (REL)	406xxx
	Sending of the Suspend message (SUS) network initiated	407xxx
	Sending of the Resume message (RES) network initiated	408xxx

Figure 6: Test suite structure for interworking between ISUP to Non-ISDN (incoming call)

5.5 Supplementary Services - Interworking from DSS1 to ISUP (outgoing call)

DSS1-ISUP Supplementary Services		
	Calling Line Identification Presentation (CLIP)	501xxx
	Calling Line Identification Restriction (CLIR)	502xxx
	Connected Line Identification Presentation (COLP)	503xxx
	Subaddressing (SUB)	504xxx
	Call Diversion (CDIV)	505xxx
	Call Waiting (CW)	506xxx
	Call Hold (HOLD)	507xxx
	Terminal Portability (TP)	508xxx
	Conference Calling (CONF)	509xxx
	Three-Party (3PTY)	510xxx
	Closed User Group (CUG)	511xxx
	User to User Signalling (UUS)	512xxx
	Completion of Call to Busy Subscriber (CCBS)	513xxx
	Explicit Call transfer (ECT)	514xxx
	Completion of Calls on No reply (CCNR)	515xxx

Figure 7: Test suite structure for interworking between DSS1 to ISUP (outgoing call)

5.6 Supplementary Services - Interworking from ISUP to DSS1 (incoming call)

ISUP-DSS1 Supplementary Services		
	Calling Line Identification Presentation (CLIP)	601xxx
	Connected Line Identification Presentation (COLP)	602xxx
	Connected Line Identification Restriction (COLR)	603xxx
	Subaddressing (SUB)	604xxx
	Call Diversion (CDIV)	605xxx
	Call Waiting (CW)	606xxx
	Call Hold (HOLD)	607xxx
	Terminal Portability (TP)	608xxx
	Conference Calling (CONF)	609xxx
	Three-Party (3PTY)	610xxx
	Closed User Group (CUG)	611xxx
	User to User Signalling (UUS)	612xxx
	Completion of Call to Busy Subscriber (CCBS)	613xxx
	Explicit Call transfer (ECT)	614xxx
	Completion of Calls on No reply (CCNR)	615xxx
	Sending of the answer message (ANM)	615xxx

Figure 8

6 Test purposes (TP)

6.1 Introduction

For each test requirement a Test Purpose (TP) is defined.

6.1.1 Test purpose (TP) naming convention

For each test requirement a Test Purpose (TP) is defined.

All test purposes belong to the main group ISUP_ISDN_Interworking. Groups are organized according to the test suite structure (TSS). Each test purpose is presented in a separate table. The first row of the table contains the following items:

TP identifier of the test purpose;

ISDN reference the reference to the requirement in the DSS1 layer 3 Recommendation, which led to the TP;

ISUP reference the reference to the requirement in the interworking specification and the requirement in the ISDN-UP Recommendation, which led to the TP.

6.1.2 Source of test purpose definition

The test purposes have been developed based on Recommendation EN 300 899-1 [1].

6.1.3 Test purpose structure

The test purpose structure is according to the test suite structure (TSS).

6.2 Test purposes for the basic call

6.2.1 Interworking from DSS1 to ISUP (Outgoing Call)

6.2.1.1 Sending of the Initial Address Message (IAM)

TP101001	**ISDN reference:** **EN 300 403-1 [6], clause 5.1.1**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.1.1;** **ETS 300 356-1 [5], clause 2.1**
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message with a **Called party number information element** providing the complete called party information and the **sending complete indication**, sends an IAM message.	
ISDN Parameter values:	SETUP; **complete called party information element** **Sending complete information**	
ISUP Parameter values:	IAM;	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101002	ISDN reference: EN 300 403-1 [6], clause 5.1.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:	use the en-bloc operation in the forward address signalling [A.3/1]	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message without information in the **Called party number information element**, followed by INFORMATION messages providing the additional digits and the last INFORMATION message providing the sending complete information element sends an IAM message.	
ISDN Parameter values:	SETUP; **no called party number** INFORMATION; **additional digits** last INFORMATION; **sending complete**	
ISUP Parameter values:	IAM;	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101003	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1; ETS 300 356-1 [5], clause 2.1.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling [A.3/2]	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message without information in the **Called party number information element**, followed by an INFORMATION message providing the complete called party information and the sending complete information element, sends an IAM message.	
ISDN Parameter values:	SETUP; **no called party number** INFORMATION: **complete called party information element** **sending complete**	
ISUP Parameter values:	IAM;	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101004	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message with a **Called party number information element**, sends an IAM message, with the **Forward Call Indicators (FCI)** encoded as follows: Interworking indicator: "no interworking encountered" ISDN user part indicator: "ISDN user part used all the way" ISDN access indicator: "originating access ISDN" ISDN user part preference indicator: "ISDN user part preferred all the way" National/international call indicator set to FCI_NI_CALL_IND End-to-end method available set to FCI_EE_METHOD End-to-End information indicator set to FCI_EE_INFO_IND SCCP method indicator set to FCI_SCCP_IND and including the **Calling party's category** set to CGPG and the **Nature of Connection Indicators** (NCI) encoded as followed: Satellite indicator set to NCI_SATE_IND Continuity check indicator set to NCI_CONT_CHECK Echo control device indicator set to NCI_ECHO_CTRL_IND	
ISDN Parameter values:	SETUP;	
ISUP Parameter values:	IAM; **FCI Interworking indicator**: no interworking encountered **FCI ISDN user part indicator:** ISDN user part used all the way **FCI ISDN access indicator**: originating access ISDN **FCI ISDN user part preference indicator**: ISDN user part preferred all the way **FCI National/international call indicator**: FCI_NI_CALL_IND (PIXIT) **FCI End-to-end method available**: FCI_EE_METHOD (PIXIT) **FCI End-to-End information indicator**: FCI_EE_INFO_IND (PIXIT) **FCI SCCP method indicator**: FCI_SCCP_IND (PIXIT) **Calling party's category**: CGPG **NCI Satellite indicator**: NCI_SATE_IND **NCI Continuity check indicator**: NCI_CONT_CHECK **NCI Echo control device indicator**: NCI_ECHO_CTRL_IND	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101005	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 1; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message containing one Bearer Capability (BC) information transfer capability set to ISDN_BC_ITC and the information transfer rate set to ISDN_BC_ITR sends an IAM message, with the Transmission Medium Requirement (TMR) parameter set to ISUP_TMR.	
ISDN Parameter values:	SETUP; BC information transfer capability: ISDN_BC_ITC BC information transfer rate: ISDN_BC_ITR	
ISUP Parameter values:	IAM; TMR : ISUP_TMR	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

Values and selection criteria for the test purpose TP101005		
VA_01	ISDN_BC_ITC = speech	ISUP_TMR = speech
ISDN selection criteria:	speech ([A.111/ISn1.2.1)]	
ISUP selection criteria:	speech ([A.2/1])	
VA_02	ISDN_BC_ITC = 3,1 kHz audio	ISUP_TMR = 3,1 kHz audio
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn1.2.4])	
ISUP selection criteria:	3,1 kHz audio ([A.2/2])	
VA_03	ISDN_BC_ITC = unrestricted digital information ISDN_BC_ITR = 64 kbits/s unrestricted	ISUP_TMR = 64 kbits/s unrestricted
ISDN selection criteria:	unrestricted digital ([A.111/ISn1.2.2]) AND 64 kbits/s ([A.111/ISn1.4.1])	
ISUP selection criteria:	64 kbits/s unrestricted ([A.2/3])	
VA_04	ISDN_BC_ITC = unrestricted digital information ISDN_BC_ITR = 2 x 64 kbits/s unrestricted	ISUP_TMR = 2 x 64 kbits/s
ISDN selection criteria:	unrestricted digital ([A.111/ISn1.2.2]) AND 2 x 64 kbits/s ([A.111/ISn1.4.2])	
ISUP selection criteria:	2 x 64 kbits/s ([A.2/6])	
VA_05	ISDN_BC_ITC = unrestricted digital information ISDN_BC_ITR = 384 kbits/s unrestricted	ISUP_TMR = 384 kbits/s
ISDN selection criteria:	unrestricted digital ([A.111/ISn1.2.2]) AND 384 kbits/s ([A.111/ISn1.4.3])	
ISUP selection criteria:	384 kbits/s ([A.2/7])	
VA_06	ISDN_BC_ITC = unrestricted digital information ISDN_BC_ITR = 1 536 kbits/s unrestricted	ISUP_TMR = 1 536 kbits/s
ISDN selection criteria:	unrestricted digital ([A.111/ISn1.2.2]) AND 1 536 kbits/s ([A.111/ISn1.4.4])	
ISUP selection criteria:	1 536 kbits/s ([A.2/8])	
VA_07	ISDN_BC_ITC = unrestricted digital information ISDN_BC_ITR = 1 920 kbits/s unrestricted	ISUP_TMR = 1 920 kbits/s
ISDN selection criteria:	unrestricted digital ([A.111/ISn1.2.2]) AND 1 920 kbits/s ([A.111/ISn1.4.5])	
ISUP selection criteria:	1 920 kbits/s ([A.2/9])	
VA_08	ISDN_BC_ITC = unrestricted digital information ISDN_BC_ITR = multirate: 6 x 64 kbits/s	ISUP_TMR = 384 kbits/s
ISDN selection criteria:	unrestricted digital ([A.111/ISn1.2.2]) AND multirate ([A.111/ISn1.4.6]) AND rate multiplier = 6 ([A.111/ISn1.9] = 6)	
ISUP selection criteria:	384 kbits/s ([A.2/7])	
VA_09	ISDN_BC_ITC = unrestricted digital information ISDN_BC_ITR = multirate: 24 x 64 kbits/s	ISUP_TMR = 1 536 kbits/s
ISDN selection criteria:	unrestricted digital ([A.111/ISn1.2.2]) AND multirate ([A.111/ISn1.4.6]) AND rate multiplier = 24 ([A.111/ISn1.9] = 24)	
ISUP selection criteria:	1 536 kbits/s ([A.2/8])	
VA_10	ISDN_BC_ITC = unrestricted digital information ISDN_BC_ITR = multirate: 30 x 64 kbits/s	ISUP_TMR = 1 920 kbits/s
ISDN selection criteria:	unrestricted digital ([A.111/ISn1.2.2]) AND multirate ([A.111/ISn1.4.6]) AND rate multiplier = 30 ([A.111/ISn1.9] = 30)	
ISUP selection criteria:	1 920 kbits/s ([A.2/9])	
VA_11	ISDN_BC_ITC = unrestricted digital information with tones/announcements ISDN_BC_ITR = 64 kbits/s unrestricted	ISUP_TMR = 64 kbits/s unrestricted
ISDN selection criteria:	unrestricted digital with tones/announcements ([A.111/ISn1.2.5]) AND 64 kbits/s ([A.111/ISn1.4.1])	
ISUP selection criteria:	64 kbits/s unrestricted ([A.2/3])	

Values and selection criteria for the test purpose TP101005		
VA_12	ISDN_BC_ITC = unrestricted digital information with tones/announcements ISDN_BC_ITR = 2 x 64 kbits/s unrestricted	ISUP_TMR = 2 x 64 kbits/s
ISDN selection criteria:	unrestricted digital with tones/announcements ([A.111/ISn1.2.5]) AND 2 x 64 kbits/s ([A.111/ISn1.4.2])	
ISUP selection criteria:	2 x 64 kbits/s ([A.2/6])	
VA_13	ISDN_BC_ITC = unrestricted digital information with tones/announcements ISDN_BC_ITR = 384 kbits/s unrestricted	ISUP_TMR = 384 kbits/s
ISDN selection criteria:	unrestricted digital with tones/announcements ([A.111/ISn1.2.5]) AND 384 kbits/s ([A.111/ISn1.4.3])	
ISUP selection criteria:	384 kbits/s ([A.2/7])	
VA_14	ISDN_BC_ITC = unrestricted digital information with tones/announcements ISDN_BC_ITR = 1 536 kbits/s unrestricted	ISUP_TMR = 1 536 kbits/s
ISDN selection criteria:	unrestricted digital with tones/announcements ([A.111/ISn1.2.5]) AND 1 536 kbits/s ([A.111/ISn1.4.4])	
ISUP selection criteria:	1 536 kbits/s ([A.2/8])	
VA_15	ISDN_BC_ITC = unrestricted digital information with tones/announcements ISDN_BC_ITR = 1 920 kbits/s unrestricted	ISUP_TMR = 1 920 kbits/s
ISDN selection criteria:	unrestricted digital with tones/announcements ([A.111/ISn1.2.5]) AND 1 920 kbits/s ([A.111/ISn1.4.5])	
ISUP selection criteria:	1 920 kbits/s ([A.2/9])	
VA_16	ISDN_BC_ITC = unrestricted digital information with tones/announcements ISDN_BC_ITR = multirate: 6 x 64 kbits/s	ISUP_TMR = 384 kbits/s
ISDN selection criteria:	unrestricted digital with tones/announcements ([A.111/ISn1.2.5]) AND multirate ([A.111/ISn1.4.6]) AND rate multiplier = 6 ([A.111/ISn1.9] = 6)	
ISUP selection criteria:	384 kbits/s ([A.2/7])	
VA_17	ISDN_BC_ITC = unrestricted digital information with tones/announcements ISDN_BC_ITR = multirate: 24 x 64 kbits/s	ISUP_TMR = 1 536 kbits/s
ISDN selection criteria:	unrestricted digital with tones/announcements ([A.111/ISn1.2.5]) AND multirate ([A.111/ISn1.4.6]) AND rate multiplier = 24 ([A.111/ISn1.9] = 24)	
ISUP selection criteria:	1 536 kbits/s ([A.2/8])	
VA_18	ISDN_BC_ITC = unrestricted digital information with tones/announcements ISDN_BC_ITR = multirate: 30 x 64 kbits/s	ISUP_TMR = 1 920 kbits/s
ISDN selection criteria:	unrestricted digital with tones/announcements ([A.111/ISn1.2.5]) AND multirate ([A.111/ISn1.4.6]) AND rate multiplier = 30 ([A.111/ISn1.9] = 30)	
ISUP selection criteria:	1 920 kbits/s ([A.2/9])	

TP101006	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 2; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:	speech ([A.111/ISn1.2.1]) AND unrestricted digital information with tones/announcements ([A.111/ISn.1.2.5])	
ISUP selection criteria:	support 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1]) AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message, with the **first Bearer Capability information transfer capability** set to "speech" and the **second Bearer Capability information transfer capability** set to "unrestricted digital information with tones/announcements" sends an IAM message, with the **transmission medium requirement** parameter set to "64 kbits/s unrestricted preferred".	
ISDN Parameter values:	SETUP; **first BC**: speech **second BC**: unrestricted digital information with tones/announcements	
ISUP Parameter values:	IAM; **Transmission medium requirement** : 64 kbits/s unrestricted preferred	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101007	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 2, ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn1.2.2]) AND unrestricted digital information with tones/announcements ([A.111/ISn.1.2.5])	
ISUP selection criteria:	support 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2]) AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message, with the **first Bearer Capability information transfer capability** set to "3,1 kHz audio" and the **second Bearer Capability information transfer capability** set to "unrestricted digital information with tones/announcements" sends an IAM message, with the **transmission medium requirement** parameter set to "64 kbits/s unrestricted preferred".	
ISDN Parameter values:	SETUP; **first BC**: 3,1 kHz audio **second BC**: unrestricted digital information with tones/announcements	
ISUP Parameter values:	IAM; **Transmission medium requirement** : 64 kbits/s unrestricted preferred	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101008	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message with a **Called party number information element** providing the complete called party information and the sending complete indication, sends an IAM message, with the **called party number** encoded as following: **Internal network numbering** set to "routing to internal network number not allowed" **numbering plan indicator** set to "ISDN (Telephony) numbering plan"	
ISDN Parameter values:	SETUP; complete **called party information** **sending complete indication** included	
ISUP Parameter values:	IAM; **called party number Internal network numbering**: routing to internal network number not allowed **called party number numbering plan indicator** : ISDN (Telephony) numbering plan	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101009	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:	use the en-bloc operation in the forward address signalling ([A.3/1]) OR use the overlap operation in the forward address signalling ([A.3/2]) AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message with a **Called party number information element** providing the complete called party information and the sending complete indication, sends an IAM message, with the **called party number** with the **address signal** containing the called number information received in the SETUP	
ISDN Parameter values:	SETUP; complete **called party information:** ISDN_CDPN **sending complete indication** included	
ISUP Parameter values:	IAM; **called party number address signal**: the called number information received in the SETUP	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101010	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:	use the en-bloc operation in the forward address signalling [A.3/1] AND NOT(use the overlap operation in the forward address signalling [A.3/2])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message without information in the **Called party number information element**, followed by an INFORMATION message providing the complete called party information and the sending complete information, sends an IAM message, with the **called party number** encoded as following: **Internal network numbering** set to "routing to internal network number not allowed" **numbering plan indicator** set to "ISDN (Telephony) numbering plan".	
ISDN Parameter values:	SETUP; no called party number INFORMATION; complete **called party information** **sending complete indication**	
ISUP Parameter values:	IAM; **called party number Internal network numbering**: routing to internal network number not allowed **called party number numbering plan indicator**: ISDN (Telephony) numbering plan	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101011	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:	use the en-bloc operation in the forward address signalling [A.3/1] AND NOT(use the overlap operation in the forward address signalling [A.3/2])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message without information in the **Called party number information element**, followed by an INFORMATION message providing the complete called party information and the sending complete information, sends an IAM message, with the complete **called party number address signal** containing the called number information received in the SETUP and in the INFORMATION messages.	
ISDN Parameter values:	SETUP; no called party number INFORMATION; **called party information:** ISDN_CDPN **sending complete indication** included	
ISUP Parameter values:	IAM; **called party number address signal**: ISUP_ADDRESS_SIGNAL	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101012	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 3; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message with a valid **Progress indicator** sends an IAM message with the **Access transport parameter** containing the same **progress indicator** information element as in the SETUP message.	
ISDN Parameter values:	SETUP; **progress indicator**: PI_VALUE	
ISUP Parameter values:	IAM; **progress indicator** PI_VALUE	
Comments:	ISDN SETUP -> SUT -> IAM ISUP The PIXIT value could have a valid or invalid format	

Values and selection criteria for the test purpose TP101012	
VA_01	PI_VALUE = Call is not end-to-end ISDN; further call progress information may be available in-band (# 1)
VA_02	PI_VALUE = Originating access is non ISDN (#3)

TP101014	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 3; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message with BC_VALUE and the High Layer Compatibility HLC_VALUE sends an IAM message with the **Access transport parameter** containing the same **HLC** information element as in the SETUP message.	
ISDN Parameter values:	SETUP; **BC: BC_VALUE** **HLC**: HLC_VALUE	
ISUP Parameter values:	IAM; **Access transport parameter HLC**: HLC_VALUE	
Comments:	ISDN SETUP -> SUT -> IAM ISUP The PIXIT value could have a valid or invalid format	

Values and selection criteria for the test purpose TP101014	
VA_01	HLC_VALUE = Telephony BC_VALUE = speech
VA_02	HLC_VALUE = Facsimile Group 2/3 (ITU-T Recommendation F.182 [32]) BC_VALUE = 3,1 kHz audio
VA_03	HLC_VALUE == Facsimile Group 4 Class I (ITU-T Recommendation F.184 [33]) BC_VALUE = Unrestricted digital information
VA_04	HLC_VALUE == Teletex service, basic and mixed mode of operation (ITU-T Recommendation F.230) and facsimile service Group 4, Classes II and III (ITU-T Recommendation F.184 [33]) BC_VALUE = Unrestricted digital information
VA_05	HLC_VALUE == Teletex service, basic and processable mode of operation (ITU-T Recommendation F.220) BC_VALUE = Unrestricted digital information
VA_06	HLC_VALUE = Teletex service, basic mode of operation (ITU-T Recommendation F.200) BC_VALUE = Unrestricted digital information
VA_07	HLC_VALUE = Syntax based Videotex (ITU-T Recommendations F.300 [34] and T.102 [37]) BC_VALUE = Unrestricted digital information
VA_08	HLC_VALUE = International Videotex interworking via gateways or interworking units (ITU-T Recommendations F.300 [34] and T.101 [36]) BC_VALUE = Unrestricted digital information
VA_09	HLC_VALUE = Telex service (ITU-T Recommendation F.60 [31]) BC_VALUE = Unrestricted digital information
VA_10	HLC_VALUE = Message Handling Systems (MHS) (X.400 - Series ITU-T Recommendations [39]) BC_VALUE = Unrestricted digital information
VA_11	HLC_VALUE = OSI application (note 2) (X.200 - Series ITU-T Recommendations [38]) BC_VALUE = Unrestricted digital information
VA_12	HLC_VALUE = Audio visual (ITU-T Recommendation F.721 [35]) BC_VALUE = Unrestricted digital information

TP101015	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 3; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message with a **Low Layer Compatibility** (LLC) sends an IAM message with the **Access transport parameter** containing the same **LLC** information element as in the SETUP message.	
ISDN Parameter values:	SETUP; **LLC**: LLC_VALUE (PIXIT)	
ISUP Parameter values:	IAM; **Access transport parameter LLC**: LLC_VALUE (PIXIT)	
Comments:	ISDN SETUP -> SUT -> IAM ISUP The PIXIT value could have a valid or invalid format	

TP101016	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 4; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones/announcements ([A.111/ISn.1.2.5])	
ISUP selection criteria:	speech ([A.2/1])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message, with the first **Bearer Capability information transfer capability** set to "speech" and the **second Bearer Capability information transfer capability** set to "unrestricted digital information with tones/announcements" sends an IAM message, with the **user information parameter transfer capability** information element set to "speech".	
ISDN Parameter values:	SETUP; **first BC information transfer capability**: speech **second BC information transfer capability**: unrestricted digital information with tones/announcements	
ISUP Parameter values:	IAM; **User information parameter**: speech	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101017	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 4; ETS 300 356-1 [5], clauses 2.1 and 2.5
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.2]) AND unrestricted digital information with tones/announcements ([A.111/ISn.1.2.5])	
ISUP selection criteria:	3,1 kHz audio ([A.2/2])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message, with the **first Bearer Capability information transfer capability** set to "3,1 kHz audio" and the **second Bearer Capability information transfer capability** set to "unrestricted digital information with tones/announcements" sends an IAM message, with the **user information parameter transfer capability** set to "3,1 kHz audio".	
ISDN Parameter values:	SETUP; **first BC information transfer capability**: 3,1 kHz audio **second BC information transfer capability**: unrestricted digital information with tones/announcements	
ISUP Parameter values:	IAM; **User information parameter**: 3,1 kHz audio	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101018	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 4; ETS 300 356-1 [5], clauses 2.1 and 2.5
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message, with **one Bearer Capability** sends an IAM message, with the **user information parameter** set to the value of the BC information transfer capability and information transfer rate of the SETUP message.	
ISDN Parameter values:	SETUP; **BC:** : BC_VALUE (PIXIT)	
ISUP Parameter values:	IAM; **User information parameter**: BC_VALUE (PIXIT)	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101019	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 5; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones/announcements ([A.111/ISn.1.2.5])	
ISUP selection criteria:	64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1]) AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message, with the **first Bearer Capability** set to "speech" and the **second bearer capability** set to "unrestricted digital information with tones/announcements" sends an IAM message, with the **user information prime parameter set to the value of the second BC** and information transfer rate of the SETUP message.	
ISDN Parameter values:	SETUP; **BC1** : speech **BC2**: unrestricted digital information with tones/announcements	
ISUP Parameter values:	IAM; **User information prime parameter**: unrestricted digital information with tones/announcements	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101020	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 5; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.2]) AND unrestricted digital information with tones/announcements ([A.111/ISn.1.2.5])	
ISUP selection criteria:	64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2]) AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message, with the **first Bearer Capability** set to "3,1 kHz audio" and the **second bearer capability** set to "unrestricted digital information with tones/announcements" sends an IAM message, with the **user information prime parameter set to the value of the second BC** and information transfer rate of the SETUP message.	
ISDN Parameter values:	SETUP; **BC1**: 3,1 kHz audio **BC2**: "unrestricted digital information with tones/announcements"	
ISUP Parameter values:	IAM; **User information prime parameter**: unrestricted digital information with tones/announcements	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101021	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 6; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message with a **High Layer Compatibility** (HLC) sends an IAM message with the **User teleservice information parameter** containing the same **HLC** information element as in the SETUP message.	
ISDN Parameter values:	SETUP; **HLC**: HLC_VALUE (PIXIT)	
ISUP Parameter values:	IAM; **User teleservice information parameter HLC**: HLC_VALUE (PIXIT)	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101022	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 6; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message with two **High Layer Compatibility** (HLC) sends an IAM message with the **User teleservice information parameter** containing the second **HLC** information element as in the SETUP message.	
ISDN Parameter values:	SETUP; **first HLC**: HLC_VALUE1 (PIXIT) **second HLC2**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	IAM; **User teleservice information parameter HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101023	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 7; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.2]) AND unrestricted digital information with tones/announcements ([A.111/ISn.1.2.5])	
ISUP selection criteria:	64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2]) AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message, with the **first Bearer Capability information transfer capability** set to "3,1 kHz audio" and the **second Bearer Capability information transfer capability** set to "unrestricted digital information with tones/announcements" sends an IAM message, with the **transmission medium requirement prime parameter** set to "3,1 kHz audio".	
ISDN Parameter values:	SETUP; **first BC information transfer capability**: 3,1 kHz audio **second BC information transfer capability**: unrestricted digital information with tones/announcements	
ISUP Parameter values:	IAM; **transmission medium requirement prime parameter**: 3,1 kHz audio	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101024	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:	NOT (support signalling procedures for connection type allowing fallback [A.13/10])	
Test purpose:	Ensure that the SUT in the Idle state, not supporting the fallback procedure, on receipt of a SETUP message including a **two Bearer capability**: BC1 and BC2 sends an IAM message with the **Transmission medium requirement** with the encoding corresponding to BC1, the **User information parameter** set to BC1 and including no **Transmission medium requirement prime** parameter and no **User information prime parameter**.	
ISDN Parameter values:	SETUP; **BC1: ISDN_BC1_VALUE** **BC2: ISDN_BC2_VALUE**	
ISUP Parameter values:	IAM; **Transmission medium requirement:** ISUP_BC1_VALUE **User information parameter**: ISDN_BC1_VALUE **Transmission medium requirement prime**: not included **User information prime parameter**: not included	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101025	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1 table 7; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones/announcements ([A.111/ISn.1.2.5])	
ISUP selection criteria:	64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1]) AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message, with the **first Bearer Capability information transfer capability** set to "speech" and the **second Bearer Capability information transfer capability** set to "unrestricted digital information with tones/announcements" sends an IAM message, with the **transmission medium requirement prime parameter** set to "speech".	
ISDN Parameter values:	SETUP; **first BC information transfer capability**: speech **second BC information transfer capability**: unrestricted digital information with tones/announcements	
ISUP Parameter values:	IAM; **transmission medium requirement prime**: speech	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101026	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:	send the end-of pulsing signal (ST) ([A.4/1])	
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message with a **Called party number information element** providing the complete called party information, and with a **sending complete information element** sends an IAM message with the sending complete indication 'ST'.	
ISDN Parameter values:	SETUP; **called party information:** complete **sending complete information element**	
ISUP Parameter values:	IAM; **sending complete** 'ST'	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP101027	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.1; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/Sending of the Initial Address message (IAM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state on receipt of a SETUP message with a **Calling party number** set to ISDN_CGPN sends an IAM message with the calling party set to ISUP_CGPN	
ISDN Parameter values:	SETUP; **Calling party number NPI:** ISDN_CGPN (PIXIT)	
ISUP Parameter values:	IAM; **calling party:** ISUP_CGPN	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

6.2.1.2 Sending of the Subsequent Address Message (SAM)

102001	ISDN reference: EN 300 403-1 [6], clause 5.1.3	ISUP reference: EN 300 899-1 [1], clause 2.1.2.1; ETS 300 356-1 [5], clause 2.1.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Subsequent Address Message (SAM)/	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling [A.3/2]	
Test purpose:	Ensure that the SUT in call state N2 having sent the IAM message, on receipt of an INFORMATION message providing **additional digits** without sending complete indication, sends a SAM message, containing this **additional digit**.	
ISDN Parameter values:	INFORMATION messages; **additional digits** (PIXIT)	
ISUP Parameter values:	SAM; **subsequent number** (PIXIT)	
Comments:	ISDN INFORMATION -> SUT -> SAM ISUP	

102002	ISDN reference: EN 300 403-1 [6], clause 5.1.3	ISUP reference: EN 300 899-1 [1], clause 2.1.2.1; ETS 300 356-1 [5], clause 2.1.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Subsequent Address Message (SAM)/	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling [A.3/2] AND send the end-of pulsing signal (ST) ([A.4/1])	
Test purpose:	Ensure that the SUT in call state N2 having sent the IAM message, on receipt of an INFORMATION message providing **additional digits** and with **a sending complete information element** included, sends a SAM message, containing this additional digit and the **sending complete indication 'ST'**.	
ISDN Parameter values:	INFORMATION; **called party number**: additional digits (PIXIT) **sending complete information**	
ISUP Parameter values:	SAM; **sending complete**: 'ST'	
Comments:	ISDN INFORMATION -> SUT -> SAM ISUP	

6.2.1.3 Receipt of the Address Complete Message (ACM)

TP103001	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 9; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", sends a CALL PROCEEDING,	
ISDN Parameter values:	CALL PROCEEDING;	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no	
Comments:	ISUP ACM -> SUT -> CALL PROCEEDING ISDN	

TP103002	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "Yes" sends a CALL PROCEEDING message with a **progress indicator** "in-band information or appropriate pattern now available (#8)".	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** "in-band information or appropriate pattern now available (#8)" location "public network serving local user"	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: Yes	
Comments:	ISUP ACM -> SUT -> CALL PROCEEDING ISDN	

TP103003	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) OR 3,1 kHz audio ([A.111/ISn.1.2.2])	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "non-ISDN" and the **OBCI** with the in-band information is set to "Yes" sends a CALL PROCEEDING message with two **progress indicators** "destination address is non-ISDN (#2)" location "public network serving local user" and "in-band information or appropriate pattern now available (#8)".	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: in-band information or appropriate pattern now available (#8) location "public network serving local user destination address is non-ISDN (#2)" location "public network serving local user"	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: "ISUP is used all the way" **ISDN access indicator**: non-ISDN **OBCI** with the in-band information: Yes	
Comments:	ISUP ACM -> SUT -> CALL PROCEEDING ISDN	

TP103004	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) OR 3,1 kHz audio ([A.111/ISn.1.2.2])	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2, on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "non-ISDN" and the **OBCI** with the in-band information is set to "No" sends a CALL PROCEEDING message with a **progress indicator** with the progress descriptions "destination address is non-ISDN (#2)".	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator:** destination address is non-ISDN (#2) location "public network" serving local user	
ISUP Parameter values:	ACM: **CPS indicator** : no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: non-ISDN **OBCI** with the in-band information: No	
Comments:	ISUP ACM -> SUT -> CALL PROCEEDING ISDN	

TP103005	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP not used all the way", sends a CALL PROCEEDING message with a **progress indicator** "call is not end-to-end ISDN, further call progress information may be available in-band (#1)".	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** call is not end-to-end ISDN, further call progress information may be available in-band (#1)" location "network beyond an interworking point"	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP not used all the way	
Comments:	ISUP ACM -> SUT -> CALL PROCEEDING ISDN	

TP103006	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP used all the way", the **ISDN access indicator** set to "ISDN", the **Access Transport Parameter** (ATP) containing the **progress indicator** set to PI_VALUE sends a CALL PROCEEDING message with a **progress indicator** set to PI_VALUE,"	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: PI_VALUE	
ISUP Parameter values:	ACM, **CPS indicator:** no indication (00) **Called party's category indicator**: no indication(00) or ordinary subscriber (01) or payphone (10) **interworking indicator**: no interworking encountered (0) **ISUP indicator**: ISUP used all the way **ISDN access indicator:** ISDN **ATP progress indicator**: PI_VALUE **access delivery information**: Set-up message generated (IF PRESENT)	
Comments:	ISUP ACM -> SUT -> CALL PROCEEDING ISDN	

TP103007	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 9; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" sends an ALERTING.	
ISDN Parameter values:	ALERTING;	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP103008	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (ACM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2, having received the ACM message, where the **CPS indicator** is set to "subscriber free" where the **ISUP indicator parameter** set to ISUP_ID, the **ISDN access indicator** set to ISDN_ACCES_ID and the OBCI in-band information set to OBCI_INBAND sends an ALERTING message with the **progress indicator** information element set to PI_ID.	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_ID	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Alerting **ISUP indicator**: ISUP_ID **ISDN access indicator**: ISDN_ACCES_ID	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

Values for test purposes TP103008		
test purposes	**ISUP Parameter values:**	**ISDN Parameter values:**
VA_01	**ACM** ISUP_ID: ISUP not used all the way OBCI_INBAND: no	PI_ID: Call is not end-to-end ISDN (#1)
VA_02	**ACM** ISUP_ID: ISUP not used all the way OBCI_INBAND: yes	PI_ID: Call is not end-to-end ISDN (#1)and In-band information or appropriate pattern now available (#8)
VA_03	**ACM** ISUP_ID: ISUP used all the way ISDN_ACCES_ID: non ISDN OBCI_INBAND: no	PI_ID: Destination address is non-ISDN (#2)
VA_04	**ACM** ISUP_ID: ISUP used all the way ISDN_ACCES_ID: non ISDN OBCI_INBAND: yes	PI_ID: Destination address is non-ISDN (#2) and In-band information or appropriate pattern now available (#8)
VA_05	**ACM** ISUP_ID: ISUP used all the way ISDN access indicator: ISDN OBCI_INBAND: yes	PI_ID: In-band information or appropriate pattern now available (#8)

TP103009	**ISDN reference:** **EN 300 403-1 [6], clause 5.1.5**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.1.3.2 table 10;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP used all the way", the **ISDN access indicator** is set to "ISDN" and the **ATP** containing the **progress indicator** PI_VALUE. sends a ALERTING message containing a **progress indicator** set to PI_VALUE	
ISDN Parameter values:	ALERTING; **progress indicator**: call is not end-to-end ISDN, further call progress information may be available in-band (#1) location network beyond an interworking point	
ISUP Parameter values:	ACM; **CPS indicator**: "subscriber free" **ISUP indicator**: ISUP used all the way **ISDN access indicator:** ISDN **ATP progress indicator**: PI_VALUE	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP103010	**ISDN reference:** **EN 300 403-1 [6], clause 5.1.5**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.1.3.2 table 9;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", sends no message	
ISDN Parameter values:		
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no	
Comments:	ISUP ACM -> SUT -> no action	

TP103011	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 9; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **Access Transport Parameter** (ATP) containing the **progress indicator** set to PI_VALUE sends a PROGRESS message containing a progress indicator PI_VALUE	
ISDN Parameter values:	PROGRESS; **progress indicator:** PI_VALUE (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **ATP progress indicator**: PI_VALUE	
Comments:	ISUP ACM -> SUT -> PROGRESS ISDN	

TP103012	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "yes", sends a PROGRESS message including a **progress indicator** "in-band information or appropriate pattern now available (#8)".	
ISDN Parameter values:	PROGRESS; **progress indicator** "in-band information or appropriate pattern now available (#8)" location "public network serving local user"	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: yes	
Comments:	ISUP ACM -> SUT -> PROGRESS	

TP103013	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) OR 3,1 kHz audio ([A.111/ISn.1.2.2])	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "non-ISDN" and the **OBCI** with the in-band information is set to "Yes" sends a PROGRESS message including a **progress indicator I.E.** with two descriptions "destination address is non-ISDN (#2)" location "public network serving local user" and "in-band information or appropriate pattern now available (#8)".	
ISDN Parameter values:	PROGRESS; **progress indicator**: in-band information or appropriate pattern now available (#8)"location "public network serving local user destination address is non-ISDN (#2)" location "public network serving local user"	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: "ISUP is used all the way" **ISDN access indicator**: non-ISDN **OBCI** with the in-band information: Yes	
Comments:	ISUP ACM -> SUT -> PROGRESS	

TP103014	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) OR 3,1 kHz audio ([A.111/ISn.1.2.2])	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "non-ISDN" and the **OBCI** with the in-band information is set to "No" sends a PROGRESS message with a **progress indicator** with the progress descriptions "destination address is non-ISDN (#2)".	
ISDN Parameter values:	PROGRESS; **progress indicator:** destination address is non-ISDN (#2) location "public network serving local user	
ISUP Parameter values:	ACM: **CPS indicator** : no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: non-ISDN **OBCI** with the in-band information: No	
Comments:	ISUP ACM -> SUT -> PROGRESS	

TP103015	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP not used all the way", sends a PROGRESS message with a **progress indicator** with the progress descriptions "call is not end-to-end ISDN, further call progress information may be available in-band (#1).	
ISDN Parameter values:	PROGRESS; **progress indicator** call is not end-to-end ISDN, further call progress information may be available in-band (#1)" location "network beyond an interworking point"	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP not used all the way	
Comments:	ISUP ACM -> SUT -> PROGRESS	

TP103016	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 9; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" sends an ALERTING.	
ISDN Parameter values:	ALERTING;	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP103017	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (ACM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, where the **CPS indicator** is set to "subscriber free" where the **ISUP indicator parameter** set to ISUP_ID, the **ISDN access indicator** set to ISDN_ACCES_ID and the OBCI in-band information set to OBCI_INBAND sends an ALERTING message with the **progress indicator** information element set to PI_ID.	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_ID	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Alerting **ISUP indicator**: ISUP_ID **ISDN access indicator**: ISDN_ACCES_ID	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

Values for test purposes TP103017		
test purposes	**ISUP Parameter values:**	**ISDN Parameter values:**
VA_01	**ACM** ISUP_ID: ISUP not used all the way	PI_ID: Call is not end-to-end ISDN (#1)
VA_02	**ACM** ISUP_ID: ISUP not used all the way OBCI_INBAND: yes	PI_ID: Call is not end-to-end ISDN (#1)and In-band information or appropriate pattern now available (#8)
VA_03	**ACM** ISUP_ID: ISUP used all the way ISDN_ACCES_ID: non ISDN OBCI_INBAND: no	PI_ID: Destination address is non-ISDN (#2)
VA_04	**ACM** ISUP_ID: ISUP used all the way ISDN_ACCES_ID: non ISDN OBCI_INBAND: yes	PI_ID: Destination address is non-ISDN (#2) and In-band information or appropriate pattern now available (#8)
VA_05	**ACM** ISUP_ID: ISUP used all the way ISDN access indicator: ISDN OBCI_INBAND: yes	PI_ID: In-band information or appropriate pattern now available (#8)

TP103018	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 10; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP used all the way", the **ISDN access indicator** is set to "ISDN" and the **ATP** containing the **progress indicator** PI_VALUE. sends a ALERTING message containing a **progress indicator** set to PI_VALUE	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VALUE	
ISUP Parameter values:	ACM; **CPS indicator**: "subscriber free" **ISUP indicator**: ISUP used all the way **ISDN access indicator:** ISDN **ATP progress indicator**: PI_VALUE	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP103019	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 11; ETS 300 356-1 [5], clauses 2.1.4, 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value ISDN_BC_VALUE and the Access Transport Parameter (ATP) set to ATP_VALUE. sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP; first Bearer Capability: SETUP_BC1 second Bearer Capability: SETUP_BC2 ALERTING; progress indicator : interworking has occurred and has resulted in a telecommunication service change (#5) BC : ISDN_BC_VALUE	
ISUP Parameter values:	ACM; CPS indicator: subscriber free, ISUP indicator: ISUP is used all the way ISDN access indicator: ISDN TMU : TMU_VALUE ATP: BC ATP_VALUE	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

Values and selection criteria for test purpose TP103019			
Test purposes	**ACM Parameter values**	**ALERTING Parameter values:**	**SETUP parameter value**
VA_01	TMU_VALUE : speech ATP_VALUE : no BC	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_02	TMU_VALUE : 3,1 kHz ATP_VALUE: no BC	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_03	TMU_VALUE : speech ATP_VALUE: BC = 3,1 kHz	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_04	TMU_VALUE : speech ATP_VALUE: BC = speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_05	TMU_VALUE : 3,1 kHz ATP_VALUE: BC = speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_06	TMU_VALUE : 3,1 kHz audio ATP_VALUE: BC = 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		

TP103020	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 11; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value TMU_VALUE and the Access Transport Parameter (ATP) set to ATP_VALUE. sends a CALL PROCEEDING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP; first Bearer Capability: SETUP_BC1 second Bearer Capability: SETUP_BC2 ALERTING; progress indicator : interworking has occurred and has resulted in a telecommunication service change (#5) BC : ISDN_BC_VALUE	
ISUP Parameter values:	ACM; CPS indicator: no indication, ISUP indicator: ISUP is used all the way ISDN access indicator: ISDN TMU : TMU_VALUE ATP: BC ATP_VALUE	
Comments:	ISUP ACM -> SUT -> CALL PROCEEDING ISDN	

Values and selection criteria for test purpose TP103020			
Test purposes	**ACM Parameter values**	**CALL PROCEEDING Parameter values:**	**SETUP parameter value**
VA_01	TMU_VALUE : speech ATP_VALUE : no BC	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_02	TMU_VALUE : 3,1 kHz ATP_VALUE: no BC	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_03	TMU_VALUE : speech ATP_VALUE: BC = 3,1 kHz	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_04	TMU_VALUE : speech ATP_VALUE: BC = speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_05	TMU_VALUE : 3,1 kHz ATP_VALUE: BC = speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_06	TMU_VALUE : 3,1 kHz audio ATP_VALUE: BC = 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		

TP103021	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 11; ETS 300 356-1 [5], clauses 2.1.4, 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value ISDN_BC_VALUE and the Access Transport Parameter (ATP) set to ATP_VALUE. sends an ALERTING message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP; first Bearer Capability: SETUP_BC1 second Bearer Capability: SETUP_BC2 ALERTING; progress indicator : interworking has occurred and has resulted in a telecommunication service change (#5) BC : ISDN_BC_VALUE	
ISUP Parameter values:	ACM; CPS indicator: subscriber free, ISUP indicator: ISUP is used all the way ISDN access indicator: ISDN TMU : TMU_VALUE ATP: BC ATP_VALUE	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

Values and selection criteria for test purpose TP103021			
Test purposes	**ACM Parameter values**	**ALERTING Parameter values:**	**SETUP parameter value**
VA_01	TMU_VALUE : speech ATP_VALUE : no BC	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_02	TMU_VALUE : 3,1 kHz ATP_VALUE: no BC	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_03	TMU_VALUE : speech ATP_VALUE: BC = 3,1 kHz	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_04	TMU_VALUE : speech ATP_VALUE: BC = speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_05	TMU_VALUE : 3,1 kHz ATP_VALUE: BC = speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_06	TMU_VALUE : 3,1 kHz audio ATP_VALUE: BC = 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		

TP103022	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 11; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the Transmission Medium Used (TMU) is included with the value TMU_VALUE and the Access Transport Parameter (ATP) is set to ATP_VALUE. sends a PROGRESS message with a progress indicator with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5); and with the BC encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP; first Bearer Capability: SETUP_BC1 second Bearer Capability: SETUP_BC2 PROGRESS; progress indicator : interworking has occurred and has resulted in a telecommunication service change (#5) BC : ISDN_BC_VALUE	
ISUP Parameter values:	ACM; CPS indicator: no indication, ISUP indicator: ISUP is used all the way ISDN access indicator: ISDN TMU : TMU_VALUE ATP: BC ATP_VALUE	
Comments:	ISUP ACM -> SUT -> PROGRESS ISDN	

Values and selection criteria for test purpose TP103022			
Test purposes	**ACM Parameter values**	**PROGRESS Parameter values:**	**SETUP parameter value**
VA_01	TMU_VALUE : speech ATP_VALUE : no BC	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_02	TMU_VALUE : 3,1 kHz ATP_VALUE: no BC	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_03	TMU_VALUE : speech ATP_VALUE: BC = 3,1 kHz	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_04	TMU_VALUE : speech ATP_VALUE: BC = speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_05	TMU_VALUE : 3,1 kHz ATP_VALUE: BC = speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_06	TMU_VALUE : 3,1 kHz audio ATP_VALUE: BC = 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/Isn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		

TP103023	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 12; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM).	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback [A.13/10]	
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and containing an Access Transport Parameter (ATP) including **a High Layer Compatibility** (HLC) and containing the **progress indicator** #5: "interworking has occurred and has resulted in a telecommunication service change" sends a CALL PROCEEDING message with a **progress indicator** with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the **HLC**.	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) CALL PROCEEDING; **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISUP ACM -> SUT -> CALL PROCEEDING ISDN	

TP103024	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 12; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM).	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback [A.13/10]	
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and containing an Access Transport Parameter (ATP) including a **High Layer Compatibility** (HLC) and containing the **progress indicator** #5: "interworking has occurred and has resulted in a telecommunication service change" sends an ALERTING message with a **progress indicator** with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the **HLC**.	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) ALERTING; **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP103025	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 12; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM).	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback [A.13/10]	
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and containing an Access Transport Parameter (ATP) including a **High Layer Compatibility** (HLC) and containing the **progress indicator** #5: "interworking has occurred and has resulted in a telecommunication service change" sends a PROGRESS message with a **progress indicator** with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the **HLC**.	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) PROGRESS; **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISUP ACM -> SUT -> PROGRESS ISDN	

TP103026	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 12; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM).	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback [A.13/10]	
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and containing an Access Transport Parameter (ATP) including a **High Layer Compatibility** (HLC) and containing the **progress indicator** #5: "interworking has occurred and has resulted in a telecommunication service change" sends an ALERTING message with a **progress indicator** with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the **HLC**.	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) ALERTING; **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP103028	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 9; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the **CPS indicator** is set to "no indication", with a **cause parameter** set to CV_ISUP and the **OBCI** with the in-band information is set to "yes", sends a DISCONNECT message with the **progress indicator** set to "in-band information or appropriate pattern now available (#8)" and the cause information element set to CV_ISDN	
ISDN Parameter values:	DISCONNECT; **Cause information element**: CV_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **Cause parameter**: CV_ISUP (PIXIT) **OBCI** in-band information: yes	
Comments:	ISUP ACM -> SUT -> DISCONNECT ISDN	

TP103030	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 8; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the **CPS indicator** is set to "no indication", with a **cause parameter** set to CV_ISUP and the **OBCI** with the in-band information is set to "yes", sends a DISCONNECT message with the **progress indicator** set to "in-band information or appropriate pattern now available (#8)" and the cause information element set to CV_ISDN	
ISDN Parameter values:	DISCONNECT; **Cause information element**: CV_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **Cause parameter**: CV_ISUP (PIXIT) **OBCI** in-band information: yes	
Comments:	ISUP ACM -> SUT -> DISCONNECT ISDN	

TP103032	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 9; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 on receipt of an ACM message where the **CPS indicator** is set to "subscriber free", with a **cause parameter** set to CV_ISUP and the **OBCI** with the in-band information is set to "yes", sends a DISCONNECT message with the **progress indicator** set to "in-band information or appropriate pattern now available (#8)" and the **cause information element** set to CV_ISDN	
ISDN Parameter values:	DISCONNECT; **Cause information element**: CV_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **Cause parameter**: CV_ISUP (PIXIT) **OBCI** in-band information: yes	
Comments:	ISUP ACM -> SUT -> DISCONNECT ISDN	

TP103033	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.3.2 table 9; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Address complete message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of an ACM message where the **CPS indicator** is set to "subscriber free", with a **cause parameter** set to CV_ISUP and the **OBCI** with the in-band information is set to "yes", sends a DISCONNECT message with the **progress indicator** set to "in-band information or appropriate pattern now available (#8)" and the **cause information element** set to CV_ISDN	
ISDN Parameter values:	DISCONNECT; **Cause information element**: CV_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **Cause parameter**: CV_ISUP (PIXIT) **OBCI** in-band information: yes	
Comments:	ISUP ACM -> SUT -> DISCONNECT ISDN	

6.2.1.4 Receipt of the Call progress message (CPG)

TP104001	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 14; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Alerting" without BCI included, sends an ALERTING message.	
ISDN Parameter values:	ALERTING;	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Alerting	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP104002	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 14; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Alerting" and the **ATP** containing the **progress indicator** PI_VALUE sends an ALERTING message containing a **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VALUE	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Alerting	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP104003	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 14; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress" and **no parameter** is included, sends no message.	
ISDN Parameter values:		
ISUP Parameter values:	CPG; **event information parameter event indicator**: Progress	
Comments:	ISUP CPG -> SUT ->	

TP104004	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 14; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress" and **no parameter** is included, sends no message.	
ISDN Parameter values:		
ISUP Parameter values:	CPG; **event information parameter event indicator**: Progress	
Comments:	ISUP CPG -> SUT ->	

TP104007	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 15; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4 on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress" and the **ISUP indicator** is set to ISUP_ID, the **ISDN access indicator** is set to ISDN_ACCES_ID and the **OBCI** with the in-band information set to OBCI_INBAND and having received the ACM message with the same parameters, sends no message.	
ISDN Parameter values:		
ISUP Parameter values:	ACM; **ISUP indicator**: ISUP_ID **ISDN access indicator**: ISDN_ACCES_ID **OBCI in-band information**: OBCI_INBAND CPG; **event information parameter event indicator**: Progress **ISUP indicator**: ISUP_ID **ISDN access indicator**: ISDN_ACCES_ID **OBCI in-band information**: OBCI_INBAND	
Comments:	ISUP CPG -> SUT ->	

Values for test purpose TP104007			
Test purposes	**Parameter values**		
	ISUP_ID	**ISDN_ACCESS_ID**	**OBCI_INBAND**
VA_01	ISUP used all the way	ISDN	no
VA_02	ISUP used all the way	ISDN	yes
VA_03	ISUP used all the way	non-ISDN	no
VA_04	ISUP used all the way	non-ISDN	yes
VA_05	ISUP not used all the way	-	no
VA_06	ISUP not used all the way	-	yes

TP104008	**ISDN reference:** **EN 300 403-1 [6], clause 5.1.5**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.1.4.2 table 15;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Alerting" the **ISUP indicator parameter** set to ISUP_ID, the **ISDN access indicator** set to ISDN_ACCES_ID and the OBCI in-band information set to OBCI_INBAND (parameters different from the previous ACM received) sends an ALERTING message with the **progress indicator** information element set to PI_ID.	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_ID	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Alerting **ISUP indicator**: ISUP_ID **ISDN access indicator**: ISDN_ACCES_ID	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

Values for test purposes TP104007		
test purposes	**ISUP Parameter values:**	**ISDN Parameter values:**
VA_01	**CPG** ISUP_ID: ISUP not used all the way **ACM** ISUP_ID: ISUP used all the way	PI_ID: Call is not end-to-end ISDN (#1)
VA_02	**CPG** ISUP_ID: ISUP used all the way ISDN_ACCES_ID: non ISDN OBCI_INBAND: no **ACM** ISUP_ID: ISUP used all the way ISDN_ACCES_ID: ISDN OBCI_INBAND: no	PI_ID: Destination address is non-ISDN (#2)
VA_03	**CPG** ISUP_ID: ISUP used all the way ISDN_ACCES_ID: non ISDN OBCI_INBAND: yes **ACM** ISUP_ID: ISUP used all the way ISDN_ACCES_ID: ISDN OBCI_INBAND: no	PI_ID: Destination address is non-ISDN (#2) and In-band information or appropriate pattern now available (#8)
VA_04	**CPG**; ISUP_ID: ISUP used all the way ISDN access indicator: ISDN **ACM**; ISUP_ID: ISUP used all the way ISDN access indicator: non-ISDN	PI_ID: Call has returned to the ISDN (#4)
VA_05	**CPG** ISUP_ID: ISUP used all the way ISDN access indicator: ISDN OBCI_INBAND: yes **ACM**; ISUP indicator: ISUP used all the way ISDN access indicator: ISDN OBCI_INBAND: no	PI_ID: In-band information or appropriate pattern now available (#8)

TP104009	**ISDN reference:** **EN 300 403-1 [6], clause 5.1.5**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.1.4.2 table 15;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress" and the **ISUP indicator parameter** set to ISUP_ID, the **ISDN access indicator** set to ISDN_ACCESS_ID and the OBCI in-band information set to OBCI_INBAND (parameters different from the previous ACM received) sends a PROGRESS message with the **progress indicator** information element set to PI_ID.	
ISDN Parameter values:	PROGRESS; **progress indicator**: PI_ID	
ISUP Parameter values:	ACM; **ISUP indicator**: ACM_ISUP_ID **ISDN access indicator:** ACM_ISDN_ACCESS_ID CPG; **event information parameter event indicator**: Progress **ISUP indicator**: CPG_ISUP_ID **ISDN access indicator:** CPG_ISDN_ACCESS_ID	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP104010	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 15; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress" and the **ISUP indicator parameter** set to ISUP_ID, the **ISDN access indicator** set to ISDN_ACCESS_ID and the OBCI in-band information set to OBCI_INBAND (parameters different from the previous ACM received) sends a PROGRESS message with the **progress indicator** information element set to PI_ID.	
ISDN Parameter values:	PROGRESS; **progress indicator**: PI_ID	
ISUP Parameter values:	ACM; **ISUP indicator**: ACM_ISUP_ID **ISDN access indicator:** ACM_ISDN_ACCESS_ID CPG; **event information parameter event indicator**: Progress **ISUP indicator**: CPG_ISUP_ID **ISDN access indicator:** CPG_ISDN_ACCESS_ID	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

Values for test purposes TP104009, TP104010		
Test purposes	**ISUP Parameter values:**	**ISDN Parameter values:**
VA_01	**CPG** CPG_ISUP_ID: ISUP not used all the way **ACM** ACM_ISUP_ID: ISUP used all the way	PI_ID: Call is not end-to-end ISDN (#1)
VA_02	**CPG** CPG_ISUP_ID: ISUP used all the way CPG_ISDN_ACCES_ID: non ISDN **ACM** ACM_ISUP_ID: ISUP used all the way ACM_ISDN_ACCES_ID: ISDN	PI_ID: Destination address is non-ISDN (#2)
VA_03	**CPG**; CPG_ISUP_ID: ISUP used all the way CPG_ISDN access indicator: ISDN **ACM**; ACM_ISUP_ID: ISUP used all the way ACM_ISDN access indicator: non-ISDN	PI_ID: Call has returned to the ISDN (#4)

TP104011	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 15; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "In-band information or an appropriate pattern is now available", the ISUP indicator set to CPG_ISUP_ID and the ISDN access indicator set to CPG_ISDN_ACCESS_ID sends a PROGRESS message with the **progress indicator** information element set to PI_VALUE.	
ISDN Parameter values:	PROGRESS; **progress indicator**: PI_VALUE	
ISUP Parameter values:	**ACM;** ISUP indicator: ACM_ISUP_ID ISDN access indicator: ACM_ISDN_ACCES_ID CPG; **event information parameter event indicator**: In-band information or an appropriate pattern is now available **ISUP indicator**: CPG_ISUP_ID **ISDN access indicator**: CPG_ISDN_ACCES_ID	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP104012	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 15; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "In-band information or an appropriate pattern is now available", the ISUP indicator set to CPG_ISUP_ID and the ISDN access indicator set to CPG_ISDN_ACCESS_ID sends a PROGRESS message with the **progress indicator** information element set PI_VALUE.	
ISDN Parameter values:	PROGRESS; **progress indicator**:PI_VALUE	
ISUP Parameter values:	**ACM;** ISUP indicator: ACM_ISUP_ID ISDN access indicator: ACM_ISDN_ACCES_ID CPG; **event information parameter event indicator**: In-band information or an appropriate pattern is now available **ISUP indicator**: CPG_ISUP_ID **ISDN access indicator**: CPG_ISDN_ACCESS_ID	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

Values for test purposes TP104011, TP104012		
test purposes	**ISUP Parameter values:**	**ISDN Parameter values:**
VA_01	**CPG** CPG_ISUP_ID: ISUP used all the way CPG_ISDN_ACCES_ID: ISDN **ACM** ACM_ISUP_ID: ISUP used all the way ACM_ISDN_ACCES_ID: ISDN	PI_ID: In-band information or appropriate pattern now available (#8)
VA_02	**CPG** CPG_ISUP_ID: ISUP used all the way CPG_ISDN_ACCES_ID: non-ISDN **ACM** ACM_ISUP_ID: ISUP used all the way ACM_ISDN_ACCES_ID: ISDN	PI_ID: In-band information or appropriate pattern now available (#8) and Destination address is non-ISDN (#2)
VA_03	**CPG** CPG_ISUP_ID: ISUP used all the way CPG_ISDN_ACCES_ID: ISDN **ACM** ACM_ISUP_ID: ISUP used all the way ACM_ISDN_ACCES_ID: non-ISDN	PI_ID: In-band information or appropriate pattern now available (#8) and Call has returned to the ISDN (#4)
VA_04	**CPG** CPG_ISUP_ID: ISUP not used all the way **ACM** ACM_ISUP_ID: ISUP used all the way	PI_ID: In-band information or appropriate pattern now available (#8) and Call is not end-to-end ISDN (#1)

TP104013	**ISDN reference:** **EN 300 403-1 [6], clause 5.1.5**	**ISUP reference:** **EN 300 899-1 [1], clauses 2.1.1.4.2, 2.1.1.3.2 table 11;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the event information parameter event indicator is set to "Alerting" and the Transmission medium requirement is included with the value "ISDN_BC_VALUE and the Access Transport Parameter is set to ATP_VALUE. sends an ALERTING message with the progress indicator information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the BC encoded ISDN_BC_VALUE.	
ISDN Parameter values:	SETUP; first Bearer Capability: SETUP_BC1 second Bearer Capability: SETUP_BC2 ALERTING; progress indicator: interworking has occurred and has resulted in a telecommunication service change (#5) BC: ISDN_BC_VALUE	
ISUP Parameter values:	CPG; event information parameter event indicator: Alerting TMU : TMU_VALUE ATP: BC ATP_VALUE	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP104014	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clauses 2.1.1.4.2, 2.1.1.3.2 table 11; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress" and the **Transmission medium requirement** is included with the value "ISDN_BC_VALUE and the **Access Transport Parameter** is set to ATP_VALUE. sends a PROGRESS message with the **progress indicator** information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the **BC** encoded ISDN_BC_VALUE.	
ISDN Parameter values:	SETUP; **first Bearer Capability**: SETUP_BC1 **second Bearer Capability**: SETUP_BC2 PROGRESS; **progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5) **BC:** ISDN_BC_VALUE	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Progress **TMU** : TMU_VALUE **ATP**: BC: ATP_VALUE	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP104015	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clauses 2.1.1.4.2, 2.1.1.3.2 table 11; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress" and the **Transmission medium requirement** is included with the value "ISDN_BC_VALUE and the **Access Transport Parameter** is set to ATP_VALUE. sends a PROGRESS message with the **progress indicator** information element set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and the **BC** encoded ISDN_BC_VALUE.	
ISDN Parameter values:	SETUP; **first Bearer Capability**: SETUP_BC1 **second Bearer Capability**: SETUP_BC2 PROGRESS; **progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5) **BC:** ISDN_BC_VALUE	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Progress **TMU** : TMU_VALUE **ATP**: BC: ATP_VALUE	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

Values and selection criteria for test purposes TP104013, TP104014, TP104015			
Test purposes	**ACM Parameter values**	**ALERTING Parameter values:**	**SETUP parameter value**
VA_01	TMU_VALUE : speech ATP_VALUE : no BC	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_02	TMU_VALUE : 3,1 kHz ATP_VALUE: no BC	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_03	TMU_VALUE : speech ATP_VALUE: BC = 3,1 kHz	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_04	TMU_VALUE : speech ATP_VALUE: BC = speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_05	TMU_VALUE : 3,1 kHz ATP_VALUE: BC = speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_06	TMU_VALUE : 3,1 kHz audio ATP_VALUE: BC = 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		

TP104016	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clauses 2.1.1.4.2, 2.1.1.3.2 table 12 ; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Alerting" and containing an Access Transport Parameter including a **High Layer Compatibility** (HLC) and containing the **progress indicator** #5: "interworking has occurred and has resulted in a telecommunication service change" sends an ALERTING message with a **progress indicator** with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the **HLC**.	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) ALERTING; **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Alerting **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP104017	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clauses 2.1.1.4.2, 2.1.1.3.2 table 12 ; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress" and containing an Access Transport Parameter (ATP) including a **High Layer Compatibility** (HLC) and containing the **progress indicator** #5: "interworking has occurred and has resulted in a telecommunication service change" sends an PROGRESS message with a **progress indicator** with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the **HLC**.	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) PROGRESS; **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Progress **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP104018	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clauses 2.1.1.4.2, 2.1.1.3.2 table 12 ; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress" and containing an Access Transport Parameter (ATP) including a **High Layer Compatibility** (HLC) and containing the **progress indicator** #5: "interworking has occurred and has resulted in a telecommunication service change" sends an PROGRESS message with a **progress indicator** with the progress indication "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the **HLC**.	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) PROGRESS; **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Progress **progress indicator** : interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP104022	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 13; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "in-band information or an appropriate pattern is now available" with a **cause parameter** set to CV_ISUP, sends a DISCONNECT message with the **cause value** set to CV_ISDN and the **progress indicator** set to "In-band information or appropriate pattern now available (#8)".	
ISDN Parameter values:	DISCONNECT; **Cause information element**: CV_ISDN (PIXIT) **Progress indicator**: In-band information or appropriate pattern now available (#8)	
ISUP Parameter values:	CPG; **event information parameter event indicator**: in-band information or an appropriate pattern is now available **Cause parameter**: CV_ISUP (PIXIT)	
Comments:	ISUP CPG -> SUT -> DISCONNECT ISDN	

TP104023	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 13; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "in-band information or an appropriate pattern is now available" with a **cause parameter** set to CV_ISUP, sends a DISCONNECT message with the **cause value** set to CV_ISDN and the **progress indicator** set to "In-band information or appropriate pattern now available (#8)".	
ISDN Parameter values:	DISCONNECT; **Cause information element**: CV_ISDN (PIXIT) **Progress indicator**: In-band information or appropriate pattern now available (#8)	
ISUP Parameter values:	CPG; **event information parameter event indicator**: in-band information or an appropriate pattern is now available **Cause parameter**: CV_ISUP (PIXIT)	
Comments:	ISUP CPG -> SUT -> DISCONNECT ISDN	

TP104025	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 13; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress" with a **cause parameter** set to CV_ISUP and the **OBCI** in-band information set to "Yes", sends a DISCONNECT message with the **cause value** set to CV_ISDN and the **progress indicator** set to "In-band information or appropriate pattern now available (#8)".	
ISDN Parameter values:	DISCONNECT; **Cause information element**: CV_ISDN (PIXIT) **Progress indicator**: In-band information or appropriate pattern now available (#8)	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Progress **Cause parameter**: CV_ISUP (PIXIT) **OBCI** in-band information: Yes,	
Comments:	ISUP CPG -> SUT -> DISCONNECT ISDN	

TP104026	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 13; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress" with a **cause parameter** set to CV_ISUP and the **OBCI** in-band information set to "Yes", sends a DISCONNECT message with the **cause value** set to CV_ISDN and the **progress indicator** set to "In-band information or appropriate pattern now available (#8)".	
ISDN Parameter values:	DISCONNECT; **Cause information element**: CV_ISDN (PIXIT) **Progress indicator**: In-band information or appropriate pattern now available (#8)	
ISUP Parameter values:	CPG; **event information parameter event indicator**: Progress **Cause parameter**: CV_ISUP (PIXIT) **OBCI** in-band information: Yes	
Comments:	ISUP CPG -> SUT -> DISCONNECT ISDN	

TP104027	ISDN reference: EN 300 403-1 [6], clause 5.1.5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.4.2 table 15; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Call progress message (CPG).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of a CPG message where the **event information parameter event indicator** is set to "Progress", the ATP contains the progress indicator set to PI-VALUE, the **ISUP indicator parameter** set to ISUP used all the way and the **ISDN access indicator** set to ISDN, sends a PROGRESS message with the **progress indicator** information element set to PI_ID.	
ISDN Parameter values:	PROGRESS; **progress indicator**: PI_ID	
ISUP Parameter values:	ACM; **ISUP indicator**: ISUP used all the way **ISDN access indicator:** ISDN CPG; **event information parameter event indicator**: Progress **ISUP indicator**: ISUP used all the way **ISDN access indicator:** ISDN	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

Values and additional selection criteria for test purpose TP104027	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Destination address is non-ISDN (#2)

6.2.1.5 Receipt of the Answer message (ANM)

TP105001	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5.; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message sends a CONNECT	
ISDN Parameter values:	CONNECT;	
ISUP Parameter values:	ANM;	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105002	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5.; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message sends a CONNECT.	
ISDN Parameter values:	CONNECT;	
ISUP Parameter values:	ANM;	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105003	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5.; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing a **progress indicator** set to PI_VALUE in the ATP sends a CONNECT included the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105004	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5.; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing a **progress indicator** set to PI_VALUE in the ATP sends a CONNECT included the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105005	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 16.; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing a Backward call indicator with the **ISUP indicator** set to ISUP_IND and the **ISDN access indicator** set to ISDN_ACCESS_IND sends a CONNECT included the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator**: PI_VALUE	
ISUP Parameter values:	ANM; **ISUP indicator**: ISUP_IND **ISDN access indicator**: ISDN_ACCESS_IND	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105006	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 16.; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing a Backward call indicator with the **ISUP indicator** set to ISUP_IND and the **ISDN access indicator** set to ISDN_ACCESS_IND sends a CONNECT included the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator**: PI_VALUE	
ISUP Parameter values:	ANM; **ISUP indicator**: ISUP_IND **ISDN access indicator**: ISDN_ACCESS_IND	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

Values for test purposes TP105005, TP105006		
Test purposes	**ISUP parameter values**	**ISDN parameter values**
VA_01	**ANM**; ISUP_IND: ISUP not used all the way	**CONNECT**; PI_VALUE: Call is not end-to-end: further progress information may be available in-band (#1)
VA_02	**ANM**; ISUP_IND: ISUP used all the way ISDN_ACCESS_IND: terminating access non-ISDN	**CONNECT**; PI_VALUE: Destination address is non-ISDN (#2)

TP105007	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 16.; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing a Backward call indicator with the **ISUP indicator** set to "ISUP used all the way" and the **ISDN access indicator** set to "terminating access ISDN", having previously received an ACM with the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "terminating access non-ISDN" sends a CONNECT included the **progress indicator** set to "Call has returned to the ISDN (#4)".	
ISDN Parameter values:	CONNECT; **progress indicator**: Call has returned to the ISDN (#4)	
ISUP Parameter values:	ACM; **ISUP indicator**: ISUP used all the way **ISDN access indicator**: terminating access non-ISDN ANM; **ISUP indicator**: ISUP used all the way **ISDN access indicator**: terminating access ISDN	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105008	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 16.; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing a Backward call indicator with the **ISUP indicator** set to "ISUP used all the way" and the **ISDN access indicator** set to "terminating access ISDN", having previously received an ACM with the ISUP indicator set to "ISUP used all the way" and the ISDN access indicator set to "terminating access non-ISDN" sends a CONNECT included the **progress indicator** set to "Call has returned to the ISDN (#4)".	
ISDN Parameter values:	CONNECT; **progress indicator**: Call has returned to the ISDN (#4)	
ISUP Parameter values:	ACM; **ISUP indicator**: ISUP used all the way **ISDN access indicator**: terminating access non-ISDN ANM; **ISUP indicator**: ISUP used all the way **ISDN access indicator**: terminating access ISDN	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105009	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 17.; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to TMU_VALUE and the ATP without Bearer Capability (BC) sends a CONNECT message with a progress indicator set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the BC encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP: first Bearer Capability: SETUP_BC1 second Bearer Capability: SETUP_BC2 CONNECT; progress indicator: interworking has occurred and has resulted in a telecommunication service change (#5) Bearer capability: ISDN_BC_VALUE	
ISUP Parameter values:	ANM; TMU: TMU_VALUE ATP: no BC	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105010	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 17; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the **Transmission Medium Used** set to TMU_VALUE and the **ATP** without Bearer Capability (BC) sends a CONNECT message with a **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the **BC** encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP: **first Bearer Capability**: SETUP_BC1 **second Bearer Capability**: SETUP_BC2 CONNECT; **progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5) **Bearer capability**: ISDN_BC_VALUE	
ISUP Parameter values:	ANM; **TMU**: TMU_VALUE **ATP**: no BC	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

Values for test purposes TP105009, TP105010			
Test purposes	**ACM parameter values**	**CONNECT parameter values**	**SETUP parameter values**
VA_01	TMU_VALUE: speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_02	TMU_VALUE: 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		

TP105011	**ISDN reference:** **EN 300 403-1 [6], clause 5.1**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.1.5 table 17;** **ETS 300 356-1 [5], clause 2.1.7**
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the **Transmission Medium Used** set to TMU_VALUE and the **ATP** set to ATP_VALUE and containing the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5) sends a CONNECT message with the **Bearer capability** encoded ISDN_BC_VALUE and the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5)	
ISDN Parameter values:	SETUP: **first Bearer Capability**: SETUP_BC1 **second Bearer Capability**: SETUP_BC2 CONNECT; **Bearer capability**: ISDN_BC_VALUE **Progress indication**: interworking has occurred and has resulted in a telecommunication service change(#5)	
ISUP Parameter values:	ANM; **TMU**: TMU_VALUE **ATP**: ATP_VALUE **Progress indication**: interworking has occurred and has resulted in a telecommunication service change(#5)	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105012	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 17; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the **Transmission Medium Used** set to TMU_VALUE and the **ATP** set to ATP_VALUE and containing the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5) sends a CONNECT message with the **Bearer capability** encoded ISDN_BC_VALUE and the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5)	
ISDN Parameter values:	SETUP: **first Bearer Capability**: SETUP_BC1 **second Bearer Capability**: SETUP_BC2 CONNECT; **Bearer capability**: ISDN_BC_VALUE **Progress indication**: interworking has occurred and has resulted in a telecommunication service change(#5)	
ISUP Parameter values:	ANM; **TMU**: TMU_VALUE **ATP**: ATP_VALUE **Progress indication**: interworking has occurred and has resulted in a telecommunication service change(#5)	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

Values for test purposes TP105011, TP105012			
Test purposes	**ACM parameter values**	**CONNECT parameter values**	**SETUP parameter values**
VA_01	TMU_VALUE: speech ATP_VALUE: speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_02	TMU_VALUE: speech ATP_VALUE: 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_03	TMU_VALUE: 3,1 kHz audio ATP_VALUE: speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_04	TMU_VALUE: 3,1 kHz audio ATP_VALUE: 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		

TP105013	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:	unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4])	
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the ATP including the **Bearer Capability** set to "unrestricted digital information with tones/announcement" and without **TMU** parameter sends a CONNECT message with the **Bearer Capability** set to "unrestricted digital information with tones/announcement"	
ISDN Parameter values:	CONNECT; **BC**: unrestricted digital information with tones/announcement	
ISUP Parameter values:	ANM; **ATP BC**: unrestricted digital information with tones/announcement **no TMU**	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105014	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:	unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4])	
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the ATP including the **Bearer Capability** set to "unrestricted digital information with tones/announcement" and without **TMU** parameter sends a CONNECT message with the **Bearer Capability** set to "unrestricted digital information with tones/announcement"	
ISDN Parameter values:	CONNECT; **BC**: unrestricted digital information with tones/announcement	
ISUP Parameter values:	ANM; **ATP BC**: unrestricted digital information with tones/announcement **no TMU**	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105015	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the HLC parameter in the **ATP** set to HLC_VALUE sends a CONNECT message **HLC** information element set to HLC_VALUE	
ISDN Parameter values:	CONNECT; **HLC:** HLC_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP HLC**: HLC_VALUE	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105016	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the HLC parameter in the **ATP** set to HLC_VALUE sends a CONNECT message **HLC** information element set to HLC_VALUE	
ISDN Parameter values:	CONNECT; **HLC:** HLC_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP HLC**: HLC_VALUE	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

P105017	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback [A.13/10]	
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the HLC parameter in the **ATP** with an **HLC** set to HLC_VALUE and the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5) sends a CONNECT message with the **HLC** information element set to HLC_VALUE and the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5)	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) CONNECT; **HLC:** HLC_VALUE2 (PIXIT) **progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	ANM; **ATP HLC**: HLC_VALUE2 **progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105018	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback [A.13/10]	
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the HLC parameter in the **ATP** with an **HLC** set to HLC_VALUE and the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5) sends a CONNECT message with the **HLC** information element set to HLC_VALUE and the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5)	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) CONNECT; **HLC:** HLC_VALUE2 (PIXIT) **progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	ANM; **ATP HLC**: HLC_VALUE2 **progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105019	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message that does not contain any **HLC** parameter in the Access transport parameter sends a CONNECT message without any the **HLC** information element	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) CONNECT; **no HLC**	
ISUP Parameter values:	ANM; **ATP**: no HLC	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105020	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message that does not contain any **HLC** parameter in the Access transport parameter sends a CONNECT message without any the **HLC** information element	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) CONNECT; **no HLC**	
ISUP Parameter values:	ANM; **ATP**: no HLC	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105021	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the LLC parameter in the **ATP** set to LLC_VALUE sends a CONNECT message **LLC** information element set to LLC_VALUE	
ISDN Parameter values:	CONNECT; **LLC:** LLC_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP LLC**: LLC_VALUE	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105022	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the LLC parameter in the **ATP** set to LLC_VALUE sends a CONNECT message **LLC** information element set to LLC_VALUE	
ISDN Parameter values:	CONNECT; **LLC:** LLC_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP LLC**: LLC_VALUE	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105023	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 17; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
Test purpose:	Ensure that the SUT in the state N3, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to TMU_VALUE and the ATP set to ATP_VALUE sends a CONNECT message with the Bearer capability encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP: first Bearer Capability: SETUP_BC1 second Bearer Capability: SETUP_BC2 CONNECT; Bearer capability: ISDN_BC_VALUE	
ISUP Parameter values:	ANM; TMU: TMU_VALUE ATP: ATP_VALUE	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP105024	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.5 table 17; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Answer message (ANM).	
Test purpose:	Ensure that the SUT in the state N4, having received the ACM message, on receipt of an ANM message containing the Transmission Medium Used set to TMU_VALUE and the ATP set to ATP_VALUE sends a CONNECT message with the Bearer capability encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP: first Bearer Capability: SETUP_BC1 second Bearer Capability: SETUP_BC2 CONNECT; Bearer capability: ISDN_BC_VALUE	
ISUP Parameter values:	ANM; TMU: TMU_VALUE ATP: ATP_VALUE	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

Values for test purposes TP105023, TP105024			
Test purposes	**ACM parameter values**	**CONNECT parameter values**	**SETUP parameter values**
VA_01	TMU_VALUE: speech ATP_VALUE: speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_02	TMU_VALUE: speech ATP_VALUE: 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_03	TMU_VALUE: 3,1 kHz audio ATP_VALUE: speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_04	TMU_VALUE: 3,1 kHz audio ATP_VALUE: 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		

6.2.1.6 Receipt of the Connect message (CON)

TP106001	**ISDN reference:** **EN 300 403-1 [6], clause 5.1**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.1.6;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON).	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 on receipt of a CON message with the **Called Line Status** parameter set to "subscriber free" and the **ISDN access indicator** set to "ISDN" sends a CONNECT message.	
ISDN Parameter values:	CONNECT;	
ISUP Parameter values:	CON; **Called Line Status**: subscriber free **ISDN access indicator**: ISDN	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106002	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling (sending) [A.3/2]	
Test purpose:	Ensure that the SUT in the state N3 on receipt of a CON message with the **Called Line Status** parameter set to "subscriber free" and the **ISDN access indicator** set to "ISDN" sends a CONNECT message.	
ISDN Parameter values:	CONNECT;	
ISUP Parameter values:	CON; **Called Line Status**: subscriber free **ISDN access indicator**: ISDN	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106003	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of a CON message with the **ATP** containing a **progress indicator** set to ATC_PI_VALUE sends a CONNECT message with the **progress indicator** set to ATP_PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator** : ATP_PI_VALUE	
ISUP Parameter values:	CON; **ATP progress indicator:** ATP_PI_VALUE	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106004	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling (sending) [A.3/2]	
Test purpose:	Ensure that the SUT in the state N2 on receipt of a CON message with the **ATP** containing a **progress indicator** set to ATC_PI_VALUE sends a CONNECT message with the **progress indicator** set to ATP_PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator** : ATP_PI_VALUE	
ISUP Parameter values:	CON; **ATP progress indicator:** ATP_PI_VALUE	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106005	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:	unrestricted digital information with tones and announcements [A.111/ISn.1.2.5]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback [A.13/10]	
Test purpose:	Ensure that the SUT in the state N3 on receipt of a CON message containing the **ATP** with a **Bearer Capability** (BC) set to "unrestricted digital information with Tones/Announcements" sends a CONNECT message with the **BC** set to "unrestricted digital information with Tones/Announcements".	
ISDN Parameter values:	CONNECT; **BC**: unrestricted digital information with tones/announcement	
ISUP Parameter values:	CON; **ATP: BC**: unrestricted digital information with tones/announcement **no TMU**	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106006	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:	unrestricted digital information with tones and announcements [A.111/ISn.1.2.5]	
ISUP selection criteria:	use the overlap operation in the forward address signalling (sending) [A.3/2] AND support signalling procedures for connection type allowing fallback [A.13/10]	
Test purpose:	Ensure that the SUT in the state N2 on receipt of a CON message containing the **ATP** with a **Bearer Capability** (BC) set to "unrestricted digital information with Tones/Announcements" sends a CONNECT message with the **BC** set to "unrestricted digital information with Tones/Announcements".	
ISDN Parameter values:	CONNECT; **BC**: unrestricted digital information with tones/announcement	
ISUP Parameter values:	CON; **ATP BC**: unrestricted digital information with tones/announcement **no TMU**	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106007	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISUP selection criteria:	use the overlap operation in the forward address signalling (sending) [A.3/2]	
Test purpose:	Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to TMU_VALUE and the ATP without Bearer Capability (BC) sends a CONNECT message with a progress indicator set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the BC encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP: first Bearer Capability: SETUP_BC1 second Bearer Capability: SETUP_BC2 CONNECT; progress indicator: interworking has occurred and has resulted in a telecommunication service change (#5) Bearer capability: ISDN_BC_VALUE	
ISUP Parameter values:	CON; TMU: TMU_VALUE ATP: no BC	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106008	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
Test purpose:	Ensure that the SUT in the state N3 on receipt of a CON message containing the **Transmission Medium Used** set to TMU_VALUE and the **ATP** without Bearer Capability (BC) sends a CONNECT message with a **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5) and with the **BC** encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP: **first Bearer Capability**: SETUP_BC1 **second Bearer Capability**: SETUP_BC2 CONNECT; **progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5) **Bearer capability**: ISDN_BC_VALUE	
ISUP Parameter values:	CON; **TMU**: TMU_VALUE **ATP**: no BC	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

Values for test purposes TP106007, TP106008			
Test purposes	**ACM parameter values**	**CONNECT parameter values**	**SETUP parameter values**
VA_01	TMU_VALUE: speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
Additional ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_02	TMU_VALUE: 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
Additional ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		

TP106009	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISUP selection criteria:	use the overlap operation in the forward address signalling (sending) [A.3/2]	
Test purpose:	Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to TMU_VALUE and the ATP set to ATP_VALUE sends a CONNECT message with the Bearer capability encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP: first Bearer Capability: SETUP_BC1 second Bearer Capability: SETUP_BC2 CONNECT; Bearer capability: ISDN_BC_VALUE	
ISUP Parameter values:	CON; TMU: TMU_VALUE ATP: ATP_VALUE	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106010	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
Test purpose:	Ensure that the SUT in the state N3 on receipt of a CON message containing the **Transmission Medium Used** set to TMU_VALUE and the **ATP** set to ATP_VALUE sends a CONNECT message with the **Bearer capability** encoded ISDN_BC_VALUE	
ISDN Parameter values:	SETUP: **first Bearer Capability**: SETUP_BC1 **second Bearer Capability**: SETUP_BC2 CONNECT; **Bearer capability**: ISDN_BC_VALUE	
ISUP Parameter values:	CON; **TMU**: TMU_VALUE **ATP**: ATP_VALUE	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

Values for test purposes TP106009, TP106010			
Test purposes	**ACM parameter values**	**CONNECT parameter values**	**SETUP parameter values**
VA_01	TMU_VALUE: speech ATP_VALUE: speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
Additional ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_02	TMU_VALUE: speech ATP_VALUE: 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
Additional ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_03	TMU_VALUE: 3,1 kHz audio ATP_VALUE: speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1]) AND use the overlap operation in the forward address signalling (sending) [A.3/2]		
VA_04	TMU_VALUE: 3,1 kHz audio ATP_VALUE: 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2]) AND use the overlap operation in the forward address signalling (sending) [A.3/2]		

TP106011	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISUP selection criteria:	use the overlap operation in the forward address signalling (sending) [A.3/2]	
Test purpose:	Ensure that the SUT in the state N2 on receipt of a CON message containing the Transmission Medium Used set to TMU_VALUE and the ATP set to ATP_VALUE and containing the progress indicator set to "interworking has occurred and has resulted in a telecommunication service change" (#5) sends a CONNECT message with the Bearer capability encoded ISDN_BC_VALUE and the progress indication set to "interworking has occurred and has resulted in a telecommunication service change" (#5)	
ISDN Parameter values:	SETUP: first Bearer Capability: SETUP_BC1 second Bearer Capability: SETUP_BC2 CONNECT; Bearer capability: ISDN_BC_VALUE Progress indication: interworking has occurred and has resulted in a telecommunication service change(#5)	
ISUP Parameter values:	CON; TMU: TMU_VALUE ATP: ATP_VALUE Progress indication: interworking has occurred and has resulted in a telecommunication service change(#5)	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106012	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
Test purpose:	Ensure that the SUT in the state N3 on receipt of a CON message containing the **Transmission Medium Used** set to TMU_VALUE and the **ATP** set to ATP_VALUE and containing the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5) sends a CONNECT message with the **Bearer capability** encoded ISDN_BC_VALUE and the **progress indication** set to "interworking has occurred and has resulted in a telecommunication service change" (#5)	
ISDN Parameter values:	SETUP: **first Bearer Capability**: SETUP_BC1 **second Bearer Capability**: SETUP_BC2 CONNECT; **Bearer capability**: ISDN_BC_VALUE **Progress indication**: interworking has occurred and has resulted in a telecommunication service change(#5)	
ISUP Parameter values:	CON; **TMU**: TMU_VALUE **ATP**: ATP_VALUE **Progress indication**: interworking has occurred and has resulted in a telecommunication service change(#5)	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

Values for test purposes TP106011, TP106012			
Test purposes	**ACM parameter values**	**CONNECT parameter values**	**SETUP parameter values**
VA_01	TMU_VALUE: speech ATP_VALUE: speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_02	TMU_VALUE: speech ATP_VALUE: 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		
VA_03	TMU_VALUE: 3,1 kHz audio ATP_VALUE: speech	ISDN_BC_VALUE : speech	SETUP_BC1: speech SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	speech ([A.111/ISn.1.2.1]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND speech ([A.2/1])		
VA_04	TMU_VALUE: 3,1 kHz audio ATP_VALUE: 3,1 kHz audio	ISDN_BC_VALUE : 3,1 kHz audio	SETUP_BC1: 3,1 kHz audio SETUP_BC2: unrestricted digital information with tones and announcements
ISDN selection criteria:	3,1 kHz audio ([A.111/ISn.1.2.4]) AND unrestricted digital information with tones and announcements ([A.111/ISn.1.2.5])		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND 64 kbits/s unrestricted preferred ([A.2/4]) AND 3,1 kHz audio ([A.2/2])		

TP106013	**ISDN reference:** **EN 300 403-1 [6], clause 5.1**	**ISUP reference:** **EN 300 899-1 [1], clauses 2.1.1.6, 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:		
ISUP selection criteria:	Use the overlap operation in the forward address signalling (sending) [A.3/2]	
Test purpose:	Ensure that the SUT in the state N2 on receipt of a CON message containing the **ATP** containing an **HLC** set to HLC_VALUE sends a CONNECT message with the **HLC** set to HLC_VALUE	
ISDN Parameter values:	CONNECT; **HLC**: HLC_VALUE	
ISUP Parameter values:	CON; **ATP HLC**: HLC_VALUE	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106014	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clauses 2.1.1.6, 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of a CON message containing the **ATP** containing an **HLC** set to HLC_VALUE sends a CONNECT message with the **HLC** set to HLC_VALUE	
ISDN Parameter values:	CONNECT; **HLC**: HLC_VALUE	
ISUP Parameter values:	CON; **ATP HLC**: HLC_VALUE	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106015	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clauses 2.1.1.6, 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling (sending) [A.3/2] AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in the state N2 on receipt of a CON message containing the **ATP** containing an **HLC** set to HLC_VALUE and the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5) sends a CONNECT message with the **HLC** set to HLC_VALUE and the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5)	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) CONNECT; **HLC**: HLC_VALUE2 **progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	CON; **ATP HLC**: HLC_VALUE2 **ATP progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106016	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clauses 2.1.1.6, 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in the state N3 on receipt of a CON message containing the **ATP** containing an **HLC** set to HLC_VALUE and the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5) sends a CONNECT message with the **HLC** set to HLC_VALUE and the **progress indicator** set to "interworking has occurred and has resulted in a telecommunication service change" (#5)	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) CONNECT; **HLC**: HLC_VALUE2 **progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	CON; **ATP HLC**: HLC_VALUE2 **ATP progress indicator**: interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106017	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clauses 2.1.1.6, 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling (sending) [A.3/2]	
Test purpose:	Ensure that the SUT in the state N2 on receipt of a CON message without **ATP** containing an **HLC** sends a CONNECT message without the **HLC** information element	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) CONNECT; **no HLC**	
ISUP Parameter values:	CON; **ATP: no HLC**	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106018	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1] clauses 2.1.1.6, 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of a CON message without **ATP** containing an **HLC** sends a CONNECT message without the **HLC** information element	
ISDN Parameter values:	SETUP: **HLC**: HLC_VALUE1 (PIXIT), HLC_VALUE2 (PIXIT) CONNECT; **no HLC**	
ISUP Parameter values:	CON; **ATP: no HLC**	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106019	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clauses 2.1.1.6, 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling (sending) [A.3/2]	
Test purpose:	Ensure that the SUT in the state N2 on receipt of a CON message containing the **ATP** containing an **LLC** set to LLC_VALUE sends a CONNECT message with the **LLC** set to LLC_VALUE	
ISDN Parameter values:	CONNECT; **LLC**: LLC_VALUE	
ISUP Parameter values:	CON; **ATP LLC**: LLC_VALUE	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP106020	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clauses 2.1.1.6, 2.1.1.5 table 18; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Connect message (CON)	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 on receipt of a CON message containing the **ATP** containing an **LLC** set to LLC_VALUE sends a CONNECT message with the **LLC** set to LLC_VALUE	
ISDN Parameter values:	CONNECT; **LLC**: LLC_VALUE	
ISUP Parameter values:	CON; **ATP LLC**: LLC_VALUE	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

6.2.1.7 Receipt of the Release message (REL)

In some test purposes, PIXIT values are used for the ISUP indicator, the ISDN access indicator, the OBCI in-band information and the ISDN progress indicator. The following table shows the possible values and the relations between those PIXIT.

ISUP PIXIT values			ISDN PIXIT values
ISUP_IND	**ISDN_ACCESS_IND**	**OBCI In-band**	**PI_VAL**
ISUP is used all the way	ISDN	yes	in-band information or appropriate pattern now available (#8)
ISUP is used all the way	non-ISDN	no	destination address is non ISDN (#2)
ISUP not used all the way	-	no	Call is not end-to-end ISDN: further progress information may be available in-band (#1)
ISUP is used all the way	non-ISDN	yes	destination address is non ISDN (#2) AND in-band information or appropriate pattern now available (#8)
ISUP not used all the way	-	yes	Call is not end-to-end ISDN: further progress information may be available in-band (#1) AND in-band information or appropriate pattern now available (#8)

If tones/announcement are applied, a DISCONNECT message shall contain a progress indicator #8. As an alternative, a PROGRESS message may be sent containing progress indicator #8.

TP107001	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling ([A.3/2])	
Test purpose:	Ensure that the SUT in state N2, before having received an ACM message, on receipt of a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107002	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, before having received an ACM message, on receipt of a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107003	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", and the REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a CALL PROCEEDING message followed by a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	CALL PROCEEDING; DISCONNECT; **Cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no REL: **Cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107004	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI_VAL and the REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a CALL PROCEEDING message with a **progress indicator** PI_VAL followed by a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** PI_VAL (PIXIT) DISCONNECT; **Cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) REL: **Cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107005	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the REL message with **Cause value** CV_ISUP, **location** LOC_ISUP sends an ALERTING message followed by a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN.	
ISDN Parameter values:	ALERTING; DISCONNECT: **Cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN REL: **Cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107006	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND a and the OBCI in-band information set to OBCI and the REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a ALERTING message with a **progress indicator** set to PI_VAL followed by a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VAL (PIXIT) DISCONNECT: **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107007	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to Alerting and a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP sends a CALL PROCEEDING message followed by an ALERTING and a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	CALL PROCEEDING; ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** Alerting REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107008	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	**DSS1-ISUP/Basic call/**Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI followed by CPG message where the **Event indicator** is set to Alerting and a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP sends a CALL PROCEEDING message with a **progress indicator** PI_VAL followed by an ALERTING and a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN .	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** PI_VAL (PIXIT) ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) CPG; **Event indicator:** Alerting REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107009	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to Progress and a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP sends a CALL PROCEEDING message followed by a PROGRESS message and a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	CALL PROCEEDING; PROGRESS; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** Progress **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: non-ISDN REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107010	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI followed by CPG message where the **Event indicator** is set to Progress and a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP sends a CALL PROCEEDING message with a **progress indicator** PI_VAL followed by a PROGRESS message and a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN .	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** PI_VAL (PIXIT) PROGRESS; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) CPG; **Event indicator:** Progress **ISUP indicator**: CPG_ISUP_IND (PIXIT) **ISDN access indicator**: CPG_ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: CPG_OBCI (PIXIT) REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107011	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to in-band information or an appropriate pattern is now available and a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP sends a CALL PROCEEDING message followed by a PROGRESS message and a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	CALL PROCEEDING; PROGRESS; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** in-band information or an appropriate pattern is now available **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: non-ISDN REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107012	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI followed by CPG message where the **Event indicator** is set to in-band information or an appropriate pattern is now available and a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP sends a CALL PROCEEDING message with a **progress indicator** PI_VAL followed by a PROGRESS message and a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN .	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** PI_VAL (PIXIT) PROGRESS; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) CPG; **Event indicator:** in-band information or an appropriate pattern is now available **ISUP indicator**: CPG_ISUP_IND (PIXIT) **ISDN access indicator**: CPG_ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: CPG_OBCI (PIXIT) REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107013	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", and the REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107014	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI and the REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a PROGRESS message with a **progress indicator** set to PI_VALUE followed by a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN.	
ISDN Parameter values:	PROGRESS; **progress indicator**: PI_VALUE (PIXIT) DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) REL: **cause value**: CV_ISUP (PIXIT) **Location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107015	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the REL message with **Cause value** CV_ISUP, **location** LOC_ISUP sends an ALERTING message followed by a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN.	
ISDN Parameter values:	ALERTING; DISCONNECT: **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107016	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND, the **OBCI in-band information** set to OBCI and the REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a ALERTING message with a **progress indicator** set to PI_VAL followed by a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VAL (PIXIT) DISCONNECT: **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI in-band**: OBCI (PIXIT) REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107017	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" followed by an ANM message and REL message with **Cause value** CV_ISUP, **location** LOC_ISUP sends an ALERTING message followed by CONNECT and DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	ALERTING; CONNECT; DISCONNECT: **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN ANM; REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107018	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND, the **OBCI in-band information** set to OBCI followed by an ANM message and REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a ALERTING message with a **progress indicator** set to PI_VAL followed by a CONNECT and DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VAL (PIXIT) CONNECT; DISCONNECT: **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI in-band information**: OBCI ANM; REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107019	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2 after receiving the CON message and the REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a CONNECT message followed by a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN.	
ISDN Parameter values:	CONNECT; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107020	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" followed by an ANM message and REL message with **Cause value** CV_ISUP, **location** LOC_ISUP sends an ALERTING message followed by CONNECT and DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	ALERTING; CONNECT; DISCONNECT: **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN ANM; REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107021	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND, the **OBCI in-band information** set to OBCI followed by an ANM message and REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a ALERTING message with a **progress indicator** s "destination address is non-ISDN (#2)" **location** "public network serving local user" followed by a CONNECT and DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VAL (PIXIT) CONNECT; DISCONNECT: **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI in-band information**: OBCI ANM; REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP107022	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.7 table 19; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 after receiving the REL message with **Cause value** CV_ISUP, **location** LOC_ISUP, sends a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN.	
ISDN Parameter values:	CONNECT; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:		

6.2.1.8 Sending of the REL message

In some test purposes, PIXIT values are used for the ISUP indicator, the ISDN access indicator, the OBCI in-band information and the ISDN progress indicator. The following table shows the possible values and the relations between those PIXIT.

ISUP PIXIT values			ISDN PIXIT values
ISUP_IND	**ISDN_ACCESS_IND**	**OBCI In-band**	**PI_VAL**
ISUP is used all the way	ISDN	yes	in-band information or appropriate pattern now available (#8)
ISUP is used all the way	non-ISDN	no	destination address is non ISDN (#2)
ISUP not used all the way	-	no	Call is not end-to-end ISDN: further progress information may be available in-band (#1)
ISUP is used all the way	non-ISDN	yes	destination address is non ISDN (#2) AND in-band information or appropriate pattern now available (#8)
ISUP not used all the way	-	yes	Call is not end-to-end ISDN: further progress information may be available in-band (#1) AND in-band information or appropriate pattern now available (#8)

TP108011	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling ([A.3/2]	
Test purpose:	Ensure that the SUT in state N2 before having received an ACM message, on receipt of a message RELEASE COMPLETE with **Cause value** CV_ISDN, **location** LOC_ISDN, sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108012	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling ([A.3/2]	
Test purpose:	Ensure that the SUT in state N2 before having received an ACM message, on receipt of a message RELEASE with **Cause value** CV_ISDN, **location** LOC_ISDN, sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108013	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling ([A.3/2]	
Test purpose:	Ensure that the SUT in state N2 before having received an ACM message, on receipt of a message DISCONNECT with **Cause value** CV_ISDN, **location** LOC_ISDN, sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108014	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 before having received an ACM message, on receipt of a message RELEASE COMPLETE with **Cause value** CV_ISDN, **location** LOC_ISDN, sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108015	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 before having received an ACM message, on receipt of a message RELEASE with **Cause value** CV_ISDN, **location** LOC_ISDN, sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108016	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 before having received an ACM message, on receipt of a message DISCONNECT with **Cause value** CV_ISDN, **location** LOC_ISDN, sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108021	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", sends out a CALL PROCEEDING message and on receipt of a RELEASE COMPLETE message with **Cause value** CV_ISDN, **location** LOC_ISDN, sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	CALL PROCEEDING; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108022	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", sends out a CALL PROCEEDING message and on receipt of a RELEASE message with **Cause value** CV_ISDN, **location** LOC_ISDN, sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	CALL PROCEEDING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108203	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", sends out a CALL PROCEEDING message and on receipt of a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN, sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	CALL PROCEEDING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108024	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI sends out a CALL PROCEEDING message with a **progress indicator** PI_VAL and on receipt of the RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** PI_VAL (PIXIT) RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108205	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI sends out a CALL PROCEEDING message with a **progress indicator** PI_VAL and on receipt of the RELEASE message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** PI_VAL (PIXIT) RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108026	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI sends out a CALL PROCEEDING message with a **progress indicator** PI_VAL and on receipt of the DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** PI_VAL (PIXIT) DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108031	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5],clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" sends out an ALERTING message and on receipt of a RELEASE COMPLETE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108302	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" sends out an ALERTING message and on receipt of a RELEASE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108033	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" sends out an ALERTING message and on receipt of a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108304	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND sends out a ALERTING message with a **progress indicator** set to PI_VAL and on receipt of a RELEASE COMPLETE message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VAL (PIXIT) RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108035	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND sends out a ALERTING message with a **progress indicator** set to PI_VAL and on receipt of a RELEASE message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VAL (PIXIT) RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108036	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND sends out a ALERTING message with a **progress indicator** set to PI_VAL and on receipt of a DISCONNECT message with Cause value CV_ISDN, location LOC_ISDN, sends a REL message with Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VAL (PIXIT) DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108041	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to Alerting sends out a CALL PROCEEDING message followed by an ALERTING and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; ALERTING; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** Alerting REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108042	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to Alerting sends out a CALL PROCEEDING message followed by an ALERTING and on receipt of a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; ALERTING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** Alerting REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108043	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to Alerting sends out a CALL PROCEEDING message followed by an ALERTING and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** Alerting REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108044	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "Yes" followed by CPG message where the **Event indicator** is set to ALeRTIng sends out a CALL PROCEEDING message with a **progress indicator** "in-band information or appropriate pattern now available (#8)" location "public network serving local user" followed by an ALERTING and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** "in-band information or appropriate pattern now available (#8)" location "public network serving local user" ALERTING; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: Yes CPG; **Event indicator:** ALeRTIng REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108045	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "Yes" followed by CPG message where the **Event indicator** is set to ALeRTIng sends out a CALL PROCEEDING message with a **progress indicator** "in-band information or appropriate pattern now available (#8)" location "public network serving local user" followed by an ALERTING and on receipt of a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** "in-band information or appropriate pattern now available (#8)" location "public network serving local user" ALERTING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: Yes CPG; **Event indicator:** ALeRTIng REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108046	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "Yes" followed by CPG message where the **Event indicator** is set to ALeRTIng sends out a CALL PROCEEDING message with a **progress indicator** "in-band information or appropriate pattern now available (#8)" location "public network serving local user" followed by an ALERTING and on receipt of a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** "in-band information or appropriate pattern now available (#8)" location "public network serving local user" ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: Yes CPG; **Event indicator:** ALeRTIng REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108051	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to Progress sends out a CALL PROCEEDING message followed by a PROGRESS message and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; PROGRESS; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** Progress **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: non-ISDN REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108502	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to Progress sends out a CALL PROCEEDING message followed by a PROGRESS message and on receipt of a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; PROGRESS; RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** Progress **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: non-ISDN REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108053	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to Progress sends out a CALL PROCEEDING message followed by a PROGRESS message and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; PROGRESS; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** Progress **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: non-ISDN REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108054	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI followed by CPG message where the **Event indicator** is set to PRoGREss sends out a CALL PROCEEDING message with a **progress indicator** PI_VAL followed by a PROGRESS message and on receipt of a RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** PI_VAL (PIXIT) PROGRESS; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) CPG; **Event indicator:** PRoGREss **ISUP indicator**: CPG_ISUP_IND (PIXIT) **ISDN access indicator**: CPG_ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: CPG_OBCI (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108055	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI followed by CPG message where the **Event indicator** is set to Progress sends out a CALL PROCEEDING message with a **progress indicator** PI_VAL followed by a PROGRESS message and on receipt of a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** PI_VAL (PIXIT) PROGRESS; RELEASE ; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) CPG; **Event indicator:** Progress **ISUP indicator**: CPG_ISUP_IND (PIXIT) **ISDN access indicator**: CPG_ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: CPG_OBCI (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108056	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI followed by CPG message where the **Event indicator** is set to PRoGREss sends out a CALL PROCEEDING message with a **progress indicator** PI_VAL followed by a PROGRESS message and on receipt of a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator** PI_VAL (PIXIT) PROGRESS; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) CPG; **Event indicator:** PRoGREss **ISUP indicator**: CPG_ISUP_IND (PIXIT) **ISDN access indicator**: CPG_ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: CPG_OBCI (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108061	ISDN reference: EN 300 403-1 [6], clause 5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to "in-band information or an appropriate pattern is now available" sends out a CALL PROCEEDING message followed by a PROGRESS message and a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; PROGRESS ; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** in-band information or an appropriate pattern is now available REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108062	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to "in-band information or an appropriate pattern is now available" sends out a CALL PROCEEDING message followed by a PROGRESS message and a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; PROGRESS ; RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** in-band information or an appropriate pattern is now available REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108063	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to "in-band information or an appropriate pattern is now available" sends out a CALL PROCEEDING message followed by a PROGRESS message and a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; PROGRESS ; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** in-band information or an appropriate pattern is now available REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108064	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI followed by CPG message where the **Event indicator** is set to "in-band information or an appropriate pattern is now available" sends out a CALL PROCEEDING message with a **progress indicator** set to PI_VAL followed by a PROGRESS message and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: PI_VAL (PIXIT) PROGRESS; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) CPG; **Event indicator:** in-band information or an appropriate pattern is now available REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108065	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI followed by CPG message where the **Event indicator** is set to "in-band information or an appropriate pattern is now available" sends out a CALL PROCEEDING message with a **progress indicator** set to PI_VAL followed by a PROGRESS message and on receipt of a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: PI_VAL (PIXIT) PROGRESS; RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) CPG; **Event indicator:** in-band information or an appropriate pattern is now available REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108066	ISDN reference: EN 300 403-1 [6], clause 5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI followed by CPG message where the **Event indicator** is set to "in-band information or an appropriate pattern is now available" sends out a CALL PROCEEDING message with a **progress indicator** set to PI_VAL followed by a PROGRESS message and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: PI_VAL (PIXIT) PROGRESS; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI (PIXIT) CPG; **Event indicator:** in-band information or an appropriate pattern is now available REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108071	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", and on receipt of a RELEASE COMPLETE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108072	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", and on receipt of a RELEASE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108073	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", and on receipt of a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108074	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI sends out a PROGRESS message with a **progress indicator** PI_VALUE and on receipt of a RELEASE COMPLETE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	PROGRESS; **progress indicator** PI_VALUE (PIXIT) RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND **OBCI** in-band information: OBCI (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108075	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI sends out a PROGRESS message with a **progress indicator** PI_VALUE and on receipt of a RELEASE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	PROGRESS; **progress indicator** PI_VALUE (PIXIT) RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND **OBCI** in-band information: OBCI (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108706	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND and the **OBCI** with the in-band information is set to OBCI sends out a PROGRESS message with a **progress indicator** PI_VALUE and on receipt of a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	PROGRESS; **progress indicator** PI_VALUE (PIXIT) DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND **OBCI** in-band information: OBCI (PIXIT) REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108081	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" sends out an ALERTING message and on receipt of a RELEASE COMPLETE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108082	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" sends out an ALERTING message and on receipt of a RELEASE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108083	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" sends out an ALERTING message and on receipt of a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108804	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND, the **OBCI** in-band information is set to OBCI, sends out an ALERTING message with a **progress indicator** set to PI_VAL and on receipt of a RELEASE COMPLETE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress Indicator**: PI_VAL (PIXIT) RELEASE COMPLETE: **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108085	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND, the **OBCI** in-band information is set to OBCI, sends out an ALERTING message with a **progress indicator** set to PI_VAL and on receipt of a RELEASE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress Indicator**: PI_VAL (PIXIT) RELEASE: **cause value**: CV_ISDN (PIXIT) **location:** LOC_ISDN (PIXIT)	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108086	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND, the **OBCI** in-band information is set to OBCI, sends out an ALERTING message with a **progress indicator** set to PI_VAL and on receipt of a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress Indicator**: PI_VAL (PIXIT) DISCONNECT: **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI** in-band information: OBCI REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108091	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" followed by an ANM message, **location** LOC_ISDN sends out an ALERTING message followed by CONNECT and on receipt of a RELEASE COMPLETE message with **Cause value** CV_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; CONNECT; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108902	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" followed by an ANM message, **location** LOC_ISDN sends out an ALERTING message followed by CONNECT and on receipt of a RELEASE message with **Cause value** CV_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; CONNECT; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108093	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" followed by an ANM message, **location** LOC_ISDN sends out an ALERTING message followed by CONNECT and on receipt of a DISCONNECT message with **Cause value** CV_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; CONNECT; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108904	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND followed by an ANM message sends out a ALERTING message with a **progress indicator** set to PI_VAL followed by a CONNECT and on receipt of a RELEASE COMPLETE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress Indicator**: PI_VAL (PIXIT) CONNECT; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP108095	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND followed by an ANM message sends out a ALERTING message with a **progress indicator** set to PI_VAL followed by a CONNECT and on receipt of a RELEASE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress Indicator**: PI_VAL (PIXIT) CONNECT; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108096	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND followed by an ANM message sends out a ALERTING message with a **progress indicator** set to PI_VAL followed by a CONNECT and on receipt of a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress Indicator**: PI_VAL (PIXIT) CONNECT; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108101	ISDN reference: EN 300 403-1 [6], clause 5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2 after receiving the CON message sends out a CONNECT message and on receipt of a RELEASE COMPLETE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CONNECT; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:		

TP108102	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2 after receiving the CON message sends out a CONNECT message and on receipt of a RELEASE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CONNECT; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108103	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2 after receiving the CON message sends out a CONNECT message and on receipt of a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	CONNECT; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108111	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" followed by an ANM message sends out an ALERTING message followed by CONNECT message and on receipt of a RELEASE COMPLETE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; CONNECT; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:		

TP108112	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" followed by an ANM message sends out an ALERTING message followed by CONNECT message and on receipt of a RELEASE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; CONNECT; RELEASE ; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108113	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" followed by an ANM message sends out an ALERTING message followed by CONNECT message and on receipt of a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; CONNECT; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108114	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND, the **OBCI in-band information** set to OBCI followed by an ANM message sends out an ALERTING message with a **progress indicator** set to PI_VAL followed by a CONNECT message and on receipt of a RELEASE COMPLETE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress indicator**: destination address is non-ISDN (#2) **location** public network serving local user CONNECT; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI in-band information**: OBCI (PIXIT) ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:		

TP108115	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND, the **OBCI in-band information** set to OBCI followed by an ANM message sends out an ALERTING message with a **progress indicator** set to PI_VAL followed by a CONNECT message and on receipt of a RELEASE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress indicator**: destination address is non-ISDN (#2) **location** public network serving local user CONNECT; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI in-band information**: OBCI (PIXIT) ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108116	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to ISUP_IND, the **ISDN access indicator** is set to ISDN_ACCESS_IND, the **OBCI in-band information** set to OBCI followed by an ANM message sends out an ALERTING message with a **progress indicator** set to PI_VAL followed by a CONNECT message and on receipt of a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	ALERTING; **progress indicator**: destination address is non-ISDN (#2) **location** public network serving local user CONNECT; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free, **ISUP indicator**: ISUP_IND (PIXIT) **ISDN access indicator**: ISDN_ACCESS_IND (PIXIT) **OBCI in-band information**: OBCI (PIXIT) ANM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP108121	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 on receipt of a CON message followed by a RELEASE COMPLETE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	CON; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:		

TP108122	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 on receipt of a CON message followed by a RELEASE message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	CON; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP108123	ISDN reference: EN 300 403-1 [6], clauses 5.3 and 5.8.3	ISUP reference: EN 300 899-1 [1], clause 2.1.1.8 table 20; ETS 300 356-1 [5], clause 2.3
TSS reference:	DSS1-ISUP/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 on receipt of a CON message followed by a DISCONNECT message with **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	CON; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

6.2.1.9 Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented

6.2.1.9.1 Receipt of Reset Circuit message (RSC)

TP109001	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, having received the ACM message, on receipt of a RSC message, sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal unspecified (31)	
ISUP Parameter values:	RSC	
Comments:	ISUP RSC -> SUT -> DISCONNECT ISDN	

TP109002	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 having received the ACM message, on receipt of a RSC message, sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	RSC	
Comments:	ISUP RSC -> SUT -> DISCONNECT ISDN	

TP109003	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a RSC message, sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	RSC	
Comments:	ISUP RSC -> SUT -> DISCONNECT ISDN	

TP109004	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2, on receipt of a RSC message, does not send the DISCONNECT message	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	RSC	
Comments:	ISUP RSC -> SUT -> DISCONNECT ISDN	

TP109005	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of a RSC message, does not send the DISCONNECT message	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	RSC	
Comments:	ISUP RSC -> SUT -> DISCONNECT ISDN	

6.2.1.9.2 Receipt of Circuit Group Reset message (GRS)

TP109006	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, having received the ACM message, on receipt of a GRS message , sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal unspecified (31)	
ISUP Parameter values:	GRS;	
Comments:	ISUP GRS -> SUT -> DISCONNECT ISDN	

TP109007	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having received the ACM message, on receipt of a GRS message, sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	GRS;	
Comments:	ISUP GRS -> SUT -> DISCONNECT ISDN	

TP109008	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a GRS message, sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	GRS;	
Comments:	ISUP GRS -> SUT -> DISCONNECT ISDN	

TP109009	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2, on receipt of a GRS message, does not send the DISCONNECT message	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	GRS;	
Comments:	ISUP GRS -> SUT -> DISCONNECT ISDN	

TP109010	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of a GRS message, does not send the DISCONNECT message	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	GRS;	
Comments:	ISUP GRS -> SUT -> DISCONNECT ISDN	

6.2.1.9.3 Receipt of Circuit Group blocking message (CGB) with the indication "hardware failure oriented"

TP109011	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.8.2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, having received the ACM message, on receipt of a CGB message with the **Circuit group supervision message type** set to "hardware failure oriented", sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal unspecified (31)	
ISUP Parameter values:	CGB; **Circuit group supervision message type**: hardware failure oriented	
Comments:	ISUP CGB -> SUT -> DISCONNECT ISDN	

TP109012	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.8.2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having received the ACM message, on receipt of a CGB message with the **Circuit group supervision message type** set to "hardware failure oriented", sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	CGB; **Circuit group supervision message type**: hardware failure oriented	
Comments:	ISUP CGB -> SUT -> DISCONNECT ISDN	

TP109013	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.8.2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a CGB message with the **Circuit group supervision message type** set to "hardware failure oriented", sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	CGB; **Circuit group supervision message type**: hardware failure oriented	
Comments:	ISUP CGB -> SUT -> DISCONNECT ISDN	

TP109014	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.8.2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2, on receipt of a CGB message with the **Circuit group supervision message type** set to "hardware failure oriented", does not send the DISCONNECT message	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	CGB; **Circuit group supervision message type**: hardware failure oriented	
Comments:	ISUP CGB -> SUT ->	

TP109015	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.8.2.2
TSS reference:	DSS1-ISUP/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of a CGB message with the **Circuit group supervision message type** set to "hardware failure oriented", does not send the DISCONNECT message	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	CGB; **Circuit group supervision message type**: hardware failure oriented	
Comments:	ISUP CGB -> SUT ->	

6.2.1.10 DSS1 Data link reset and Data Link failure procedures

TP111001	ISDN reference: EN 300 403-1 [6], clause 5.8.8	ISUP reference: EN 300 899-1 [1], clause 2.1.1.10 table 22; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2, on receipt of a data link reset primitive (DL-ESTABLISH-INDICATION) sends a DISCONNECT message with the **cause value** set to "temporary failure (41)" and sends a REL message with the **cause value** set to "temporary failure (41)";	
ISDN Parameter values:	DISCONNECT; **cause value**: temporary failure (41)	
ISUP Parameter values:	REL; **cause value**: temporary failure (41)	
Comments:	ISDN DL-ESTABLISH IND -> SUT -> REL ISUP -> DISCONNECT ISDN	

TP111002	ISDN reference: EN 300 403-1 [6], clause 5.8.8	ISUP reference: EN 300 899-1 [1], clause 2.1.1.10 table 22; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a data link reset primitive (DL-ESTABLISH-INDICATION) does not send a DISCONNECT message and REL message	
ISDN Parameter values:		
ISUP Parameter values:		
Comments:	ISDN DL-ESTABLISH IND -> SUT ->	

TP111003	ISDN reference: EN 300 403-1 [6], clause 5.8.8	ISUP reference: EN 300 899-1 [1], clause 2.1.1.10 table 22; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a data link reset primitive (DL-ESTABLISH-INDICATION) does not send a DISCONNECT message and REL message	
ISDN Parameter values:		
ISUP Parameter values:		
Comments:	ISDN DL-ESTABLISH IND -> SUT ->	

TP111004	ISDN reference: EN 300 403-1 [6], clause 5.8.8	ISUP reference: EN 300 899-1 [1], clause 2.1.1.10; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a data link reset primitive (DL-ESTABLISH-INDICATION) does not send a DISCONNECT message and REL message	
ISDN Parameter values:		
ISUP Parameter values:		
Comments:	ISDN DL-ESTABLISH IND -> SUT ->	

TP111005	ISDN reference: EN 300 403-1 [6], clause 5.8.9	ISUP reference: EN 300 899-1 [1], clause 2.1.1.10; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2, on receipt of a data link failure primitive (DL-RELEASE) sends a REL message with the **cause value** set to "destination out of order (27)" and does not send any DISCONNECT message but release the call internally.	
ISDN Parameter values:	DL-RELEASE	
ISUP Parameter values:	REL; **cause value**: destination out of order (27)	
Comments:	ISDN DL-RELEASE -> SUT -> REL ISUP	

TP111006	ISDN reference: EN 300 403-1 [6], clause 5.8.9	ISUP reference: EN 300 899-1 [1], clause 2.1.1.10; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a data link failure primitive (DL-RELEASE) sends a REL message with the **cause value** set to "destination out of order (27)" and does not send any DISCONNECT message but release the call internally.	
ISDN Parameter values:		
ISUP Parameter values:	REL; **cause value**: destination out of order (27)	
Comments:	ISDN DL-RELEASE -> SUT -> REL ISUP	

TP111007	ISDN reference: EN 300 403-1 [6], clause 5.8.9	ISUP reference: EN 300 899-1 [1], clause 2.1.1.10; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a data link failure primitive (DL-RELEASE) sends a REL message with the **cause value** set to "destination out of order (27)" and does not send any DISCONNECT message but release the call internally.	
ISDN Parameter values:	DL-RELEASE	
ISUP Parameter values:	REL; **cause value**: destination out of order (27)	
Comments:	ISDN DL-RELEASE -> SUT -> REL ISUP	

TP1011008	ISDN reference: EN 300 403-1 [6], clause 5.8.9	ISUP reference: EN 300 899-1 [1], clause 2.1.1.10; ETS 300 356-1 [5], clause 2.2
TSS reference:	DSS1-ISUP/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a data link failure primitive (DL-RELEASE), sends DL-ESTABLISH INDICATION primitive, after expire of timer T309 without data link re-establishment sends a REL message with the **cause value** set to "destination out of order (27)" and does not send any DISCONNECT message but release the call internally.	
ISDN Parameter values:	DL-RELEASE DL-ESTABLISH IND;	
ISUP Parameter values:	REL; **cause value**: destination out of order (27)	
Comments:	ISDN DL-RELEASE -> SUT -> REL ISUP	

6.2.1.11 Receipt of the Suspend message (SUS) network initiated

TP112001	ISDN reference: EN 300 403-1 [6], clause 5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.11; ETS 300 356-1 [5], clause 2.4.1
TSS reference:	DSS1-ISUP/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a SUSPEND message with the **suspend indicator** set to "network initiated" does not send any message.	
ISDN Parameter values:		
ISUP Parameter values:	SUS; **Suspend indicator**: network initiated	
Comments:	ISUP SUS -> SUT ->	

6.2.1.12 Receipt of the Resume message (RES) network initiated

TP113001	ISDN reference: EN 300 403-1 [6], clause 5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.12; ETS 300 356-1 [5], clause 2.4.1
TSS reference:	DSS1-ISUP/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a SUSPEND message followed by the RES message both containing the suspend/resume indicator set to "network initiated" does not send any message.	
ISDN Parameter values:		
ISUP Parameter values:	SUS; **Suspend indicator**: network initiated RES**; Resume indicator**: network initiated	
Comments:	ISUP RES -> SUT ->	

6.2.1.13 Release by the exchange

TP114001	ISDN reference: EN 300 403-1 [6], clause 5	ISUP reference: EN 300 899-1 [1], clause 2.1.1.13 table 23; ETS 300 356-1 [5], clause 2.4.3
TSS reference:	DSS1-ISUP/Basic call/Release by the exchange/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, having received a SUSPEND message containing the **suspend/resume indicator** set to "network initiated", at expire of timer T6, sends a REL message with the **cause parameter** set to "recovery on timer expire (102)" and a DISCONNECT message with the **cause information element** set to "normal call clearing (16)".	
ISDN Parameter values:	DISCONNECT; **Cause information element**: normal call clearing (16)	
ISUP Parameter values:	SUS; **Suspend indicator**: network initiated REL; **Cause parameter**: recovery on timer expire (102)	
Comments:	SUT -> REL ISUP + RELEASE ISDN	

6.2.1.14 Receipt of the release complete (RLC)

TP115001	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:	use the overlap operation in the forward address signalling ([A.3/2])	
Test purpose:	Ensure that the SUT in state N2, before having received an ACM message, on receipt of a RLC message, sends a DISCONNECT message and a REL message	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115002	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, before having received an ACM message, on receipt of a RLC message, sends a DISCONNECT and a REL message	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115003	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", and the RLC message, sends a CALL PROCEEDING message followed by a DISCONNECT and a REL message	
ISDN Parameter values:	CALL PROCEEDING; DISCONNECT;	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115004	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "subscriber free", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the RLC message, sends an ALERTING message followed by a DISCONNECT and a REL message.	
ISDN Parameter values:	ALERTING; DISCONNECT;	
ISUP Parameter values:	ACM; **CPS indicator**: subscriber free **ISUP indicator**: ISUP is used all the way, **ISDN access indicator**: ISDN RLC REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115005	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to Alerting and a RLC message sends a CALL PROCEEDING message followed by an ALERTING and a DISCONNECT and a REL message	
ISDN Parameter values:	CALL PROCEEDING; ALERTING; DISCONNECT;	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** Alerting RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115006	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to Progress and a RLC message sends a CALL PROCEEDING message followed by a PROGRESS message and a DISCONNECT and a REL message.	
ISDN Parameter values:	CALL PROCEEDING; PROGRESS; DISCONNECT;	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** Progress **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: non-ISDN RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115007	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", followed by CPG message where the **Event indicator** is set to in-band information or an appropriate pattern is now available and a RLC message sends a CALL PROCEEDING message followed by a PROGRESS message and a DISCONNECT and REL message.	
ISDN Parameter values:	CALL PROCEEDING; PROGRESS; DISCONNECT;	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no CPG; **Event indicator:** in-band information or an appropriate pattern is now available **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: non-ISDN RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115008	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the **CPS indicator** is set to "no indication", the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN" and the **OBCI** with the in-band information is set to "no", and the RLC message, sends a DISCONNECT and a REL.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	ACM; **CPS indicator**: no indication, **ISUP indicator**: ISUP is used all the way **ISDN access indicator**: ISDN **OBCI** in-band information: no RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115009	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "no indication", the ISUP indicator is set to ISUP_IND, the ISDN access indicator is set to ISDN_ACCESS_IND and the OBCI with the in-band information is set to OBCI and the RLC message, sends a PROGRESS message with a progress indicator set to PI_VALUE followed by a DISCONNECT and a REL message.	
ISDN Parameter values:	PROGRESS; progress indicator: PI_VALUE (PIXIT) DISCONNECT;	
ISUP Parameter values:	ACM; CPS indicator: no indication, ISUP indicator: ISUP_IND (PIXIT) ISDN access indicator: ISDN_ACCESS_IND (PIXIT) OBCI in-band information: OBCI (PIXIT) RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115010	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 after receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" and the RLC message sends an ALERTING message followed by a DISCONNECT and a REL message.	
ISDN Parameter values:	ALERTING; DISCONNECT	
ISUP Parameter values:	ACM; CPS indicator: subscriber free ISUP indicator: ISUP is used all the way, ISDN access indicator: ISDN RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115011	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N2 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message and RLC message sends an ALERTING message followed by CONNECT and DISCONNECT and a REL message	
ISDN Parameter values:	ALERTING; CONNECT; DISCONNECT	
ISUP Parameter values:	ACM; CPS indicator: subscriber free ISUP indicator: ISUP is used all the way, ISDN access indicator: ISDN ANM; RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115012	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2 after receiving the CON message and the RLC message, sends a CONNECT message followed by a DISCONNECT and a REL message.	
ISDN Parameter values:	CONNECT; DISCONNECT;	
ISUP Parameter values:	RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

TP115013	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	DSS1-ISUP/Basic call/Receipt of the release complete (RLC)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N3 receiving the ACM message where the CPS indicator is set to "subscriber free", the ISUP indicator is set to "ISUP is used all the way", the ISDN access indicator is set to "ISDN" followed by an ANM message and RLC message sends an ALERTING message followed by CONNECT and DISCONNECT and a REL message	
ISDN Parameter values:	ALERTING; CONNECT; DISCONNECT	
ISUP Parameter values:	ACM; CPS indicator: subscriber free ISUP indicator: ISUP is used all the way, ISDN access indicator: ISDN ANM; RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN + REL ISUP	

6.2.2 Interworking from Non-ISDN to ISUP (Outgoing Call)

6.2.2.1 Sending of the Initial address message (IAM)

TP201001	ISUP reference: EN 300 899-1 [1], clause 2.2.1.1
TSS reference:	NON ISDN-ISUP/Basic call/Sending of the Initial address message (IAM)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on receipt of the Address signals sends an IAM message, with the **TMR** set to "3,1 kHz audio" and the **FCI** encoded as followed: **National/international call indicator**: "call to be treated as a national call" **Interworking indicator**: "no interworking encountered (No7 signalling all the way)" **ISUP indicator**: "ISUP used all the way" **ISDN access indicator**: "originating access non-ISDN"
ISUP Parameter values:	IAM; **TMR:** 3,1 kHz audio **FCI National/international call indicator**: call to be treated as a national call **FCI Interworking indicator**: no interworking encountered (No7 signalling all the way) **FCI ISUP indicator**: ISUP used all the way **FCI ISDN access indicator**: originating access non-ISDN
Comments:	

6.2.2.2 Receipt of the Address complete message (ACM)

TP202001	ISUP reference: EN 300 899-1 [1], clause 2.2.1.2
TSS reference:	NON ISDN-ISUP/Basic call/Receipt of the Address complete message (ACM)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on receipt of the ACM message does not send any message on the non-ISDN side.
ISUP Parameter values:	IAM; ACM;
Comments:	

6.2.2.3 Receipt of the Call progress message (CPG)

TP203001	ISUP reference: EN 300 899-1 [1], clause 2.2.1.3
TSS reference:	NON ISDN-ISUP/Basic call/Receipt of the Call progress message (CPG)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on receipt of the CPG message does not send any message on the non-ISDN side.
ISUP Parameter values:	IAM; ACM; CPG;
Comments:	

6.2.2.4 Sending of the Release Message (REL)

TP204001	ISUP reference: EN 300 899-1 [1], clause 2.2.1.7
TSS reference:	NON ISDN-ISUP/Basic call/Sending of the Release Message (REL)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the IAM message, on receipt of the message indicating the release procedure sends the REL message with the **cause indicator** coded to No 16.
ISUP Parameter values:	IAM; REL; **cause indicator**: No. 16
Comments:	

TP204002	ISUP reference: EN 300 899-1 [1], clause 2.2.1.7
TSS reference:	NON ISDN-ISUP/Basic call/Sending of the Release Message (REL)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the SAM message, on receipt of the message indicating the release procedure sends the REL message with the **cause indicator** coded to No 16.
ISUP Parameter values:	SAM; REL; **cause indicator**: No. 16
Comments:	

TP20403	ISUP reference: EN 300 899-1 [1], clause 2.2.1.7
TSS reference:	NON ISDN-ISUP/Basic call/Sending of the Release Message (REL)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the ACM message, on receipt of the message indicating the release procedure sends the REL message with the **cause indicator** coded to No 16.
ISUP Parameter values:	ACM; REL; **cause indicator**: No. 16
Comments:	

TP204004	ISUP reference: EN 300 899-1 [1], clause 2.2.1.7
TSS reference:	NON ISDN-ISUP/Basic call/Sending of the Release Message (REL)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the CPG message, on receipt of the message indicating the release procedure sends the REL message with the **cause indicator** coded to No 16.
ISUP Parameter values:	CPG; REL; **cause indicator**: No. 16
Comments:	

TP204005	ISUP reference: EN 300 899-1 [1], clause 2.2.1.7
TSS reference:	NON ISDN-ISUP/Basic call/Sending of the Release Message (REL)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the ANM message, on receipt of the message indicating the release procedure sends the REL message with the **cause indicator** coded to No 16.
ISUP Parameter values:	ANM; REL; **cause indicator**: No. 16
Comments:	

TP204006	ISUP reference: EN 300 899-1 [1], clause 2.2.1.7
TSS reference:	NON ISDN-ISUP/Basic call/Sending of the Release Message (REL)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the CON message, on receipt of the message indicating the release procedure sends the REL message with the **cause indicator** coded to No 16.
ISUP Parameter values:	CON; REL; **cause indicator**: No. 16
Comments:	

6.2.2.5 Receipt of the Suspend message (SUS) network initiated

TP205001	ISUP reference: EN 300 899-1 [1], clause 2.2.1.8
TSS reference:	NON ISDN-ISUP/Basic call/Sending of the Release Message (REL)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on receipt of the SUS message does not send any message on the non-ISDN side.
ISUP Parameter values:	SUS;
Comments:	

6.2.2.6 Receipt of the Resume message (RES) network initiated

TP206001	ISUP reference: EN 300 899-1 [1], clause 2.2.1.8
TSS reference:	NON ISDN-ISUP/Basic call/Sending of the Release Message (REL)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on receipt of the RES message does not send any message on the non-ISDN side.
ISUP Parameter values:	SUS; RES;
Comments:	

6.2.2.7 Release by the Exchange

TP207001	ISUP reference: EN 300 899-1 [1], clause 2.2.1.8
TSS reference:	NON ISDN-ISUP/Basic call/Sending of the Release Message (REL)/
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having received a SUSPEND message containing the **suspend/resume indicator** set to "network initiated", at expire of timer T6, sends a REL message with the **cause parameter** set to "recovery on timer expire (102)"
ISUP Parameter values:	SUS; RES; REL; **cause parameter**: recovery on timer expire (102)
Comments:	

6.2.3 Interworking from ISUP to DSS1

6.2.3.1 Sending of the SETUP message

TP301001	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message containing the complete **called party number** and the **sending complete** indication, sends the SETUP message.	
ISDN Parameter values:	SETUP;	
ISUP Parameter values:	IAM; **Called party number**: complete number **sending complete**	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301002	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message containing in the **called party number** with some digits, followed by SAM messages including the rest of the digits and the last SAM providing in addition the **sending complete** indication, sends the SETUP message after having received the last SAM message.	
ISDN Parameter values:	SETUP;	
ISUP Parameter values:	IAM; **Called party number** : digits SAM1; **subsequent number**: additional digits SAM2; **subsequent number digits**: last digits and sending complete address signal	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301003	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:	called party addressing information split across, and sent in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message containing in the **called party number** with some digits, followed by SAM messages including the rest of the digits and the last SAM providing in addition the **sending complete** indication, sends the SETUP message.	
ISDN Parameter values:	SETUP;	
ISUP Parameter values:	IAM; **Called party number** : digits SAM1; **subsequent number**: additional digits SAM2; **subsequent number digits**: last digits and sending complete address signal	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301004	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1; ETS 300 356-1 [5], clauses 2.1.1, 2.1.8
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message with **the nature of connection indicator** set to "continuity check required on this circuit (01)", does not send the SETUP message before it has received the COT message with the **continuity indicator** set to "continuity check successful (1)".	
ISDN Parameter values:	SETUP;	
ISUP Parameter values:	IAM; **nature of connection indicator**: continuity check required on this circuit (01) COT; **continuity indicator** set to "continuity check successful (1)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301005	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1; ETS 300 356-1 [5], clauses 2.1.1, 2.1.8
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message with **the nature of connection indicator** set to "continuity check required on a previous circuit (10)", does not send the SETUP message before it has received the COT message with the **continuity indicator** set to "continuity check successful (1)".	
ISDN Parameter values:	SETUP;	
ISUP Parameter values:	IAM; **nature of connection indicator**: continuity check required on a previous circuit (01) COT; **continuity indicator** set to "continuity check successful (1)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301006	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1 table 73; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:	3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	3,1 kHz audio [a.2/2]	
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message containing a **Transmission Medium Requirement** (TMR) set to "3,1 kHz audio" and without **User Service Information** (USI), sends the SETUP message with the **Bearer Capability** (BC) encoded as followed: the **Coding standard** set to " ITU-T standardized coding", the **Information transfer capability** set to "3,1 kHz audio" , the **transfer mode** set to "circuit mode" and the **information transfer rate** set to "64 kbits/s".	
ISDN Parameter values:	SETUP; BC **Coding standard**: ITU-T standardized coding **Information transfer capability**: 3,1 kHz audio **transfer mode**: circuit mode **information transfer rate**: 64 kbits/s	
ISUP Parameter values:	IAM; **TMR**: 3,1 kHz audio no **USI**	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301007	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1 table 73; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:	unrestricted digital information [A.111/ISn1.2.2] AND 64 kbits/s [A.111/ISn1.4.1]	
ISUP selection criteria:	64 kbit/s unrestricted [A.2/3]	
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message containing a **TMR** set to "64 kbit/s unrestricted" and without **User Service Information** (USI), sends the SETUP message with the **Bearer Capability** (BC) encoded as followed: the **Coding standard** set to "ITU-T standardized coding", the **Information transfer capability** set to "unrestricted digital information" , the **transfer mode** set to "circuit mode" and the **information transfer rate** set to "64 kbits/s".	
ISDN Parameter values:	SETUP; BC **Coding standard**: ITU-T standardized coding **Information transfer capability**: unrestricted digital information **transfer mode**: circuit mode **information transfer rate**: 64 kbits/s	
ISUP Parameter values:	IAM; **TMR**: 64 kbit/s unrestricted no **USI**	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301008	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1 table 73; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message **User Service Information** (USI) set to USI_VALUE, sends the SETUP message with the **Bearer Capability** (BC) set to USI_VALUE.	
ISDN Parameter values:	SETUP; **BC**: USI_VALUE (PIXIT)	
ISUP Parameter values:	IAM; **USI:** USI_VALUE (PIXIT)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301009	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1 table 73; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:	speech [A.111/ISn1.2.1] AND unrestricted digital information with tones and announcements [A.111/ISn1.2.5]	
ISUP selection criteria:	speech [A.2/1] AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message **USI** set to "speech" and the **USI Prime** set to "unrestricted digital information with tones and announcements", sends the SETUP message with the **first Bearer Capability** set to "speech" (the USI value) and the **second BC** set to "unrestricted digital information with tones and announcements" (the USI prime value).	
ISDN Parameter values:	SETUP; **first BC**: speech **second BC**: unrestricted digital information with tones and announcements	
ISUP Parameter values:	IAM; **USI:** speech **USI Prime**: unrestricted digital information with tones and announcement	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301011	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1 table 74; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message containing the **ISUP indicator** set to "ISUP not used all the way", sends the SETUP message with the **progress indicator** set to "call is not end-to-end ISDN: further call progress information may be available in-band (#1)".	
ISDN Parameter values:	SETUP; **progress indicator**: call is not end-to-end ISDN: further call progress information may be available in-band (#1)	
ISUP Parameter values:	IAM; **ISUP indicator**: ISUP not used all the way	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301012	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1 table 74; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message containing the **ISUP indicator** set to "ISUP used all the way" and the **ISDN access indicator** set to "originating access non-ISDN", sends the SETUP message with the **progress indicator** se tot "Originating access id non ISDN (#3)".	
ISDN Parameter values:	SETUP; **progress indicator**: Originating access id non ISDN (#3)	
ISUP Parameter values:	IAM; **ISUP indicator**: ISUP used all the way **ISDN access indicator**: originating access non-ISDN	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301013	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1 table 74; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message containing the **ISUP indicator** set to "ISUP used all the way" and the **ISDN access indicator** set to "originating access ISDN" and an Access Transport Parameter (ATP) containing a **progress indicator** set to PI_VALUE, sends the SETUP message with the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	SETUP; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	IAM; **ISUP indicator**: ISUP used all the way **ISDN access indicator**: originating access ISDN **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301014	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message containing the Access Transport Parameter (ATP) containing the **Low Layer Compatibility** (LLC) set to LLC_VALUE, sends the SETUP message with the **LLC** set to LLC_VALUE.	
ISDN Parameter values:	SETUP; **LLC**: LLC_VALUE (PIXIT)	
ISUP Parameter values:	IAM; **ATP LLC**: LLC_VALUE (PIXIT)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301015	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message containing the Access Transport Parameter (ATP) containing the **High Layer Compatibility** (HLC) set to HLC_VALUE, sends the SETUP message with the **HLC** set to HLC_VALUE.	
ISDN Parameter values:	SETUP; **HLC**: HLC_VALUE (PIXIT)	
ISUP Parameter values:	IAM; **ATP HLC**: HLC_VALUE (PIXIT)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP301016	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.1; ETS 300 356-1 [5], clause 2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the SETUP message	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of an IAM message containing the Access Transport Parameter (ATP) containing two **High Layer Compatibility** (HLC) set to respectively HLC_VALUE1 and HLC_VALUE2, sends the SETUP message with two **HLC** in the same order HLC_VALUE1 and HLC_VALUE2.	
ISDN Parameter values:	SETUP; **first HLC**: HLC_VALUE1 (PIXIT) **second HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	IAM; **ATP first HLC**: HLC_VALUE1 (PIXIT) **ATP second HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

6.2.3.2 Receipt of the SAM message

TP302001	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.2; ETS 300 356-1 [5], clause 2.1.2
TSS reference:	ISUP-DSS1/Basic call/receipt of the Subsequent Address Message (SAM)/	
ISDN selection criteria:	called party addressing information split across, and sent in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:	use the overlap operation in the forward address signalling (receiving) [A3/8]	
Test purpose:	Ensure that the SUT in call state N25 on receipt of a SAM message, containing **additional digits** without sending complete indication, sends the INFORMATION message providing **additional digits.**	
ISDN Parameter values:	INFORMATION messages; **additional digits** (PIXIT)	
ISUP Parameter values:	SAM; **subsequent number** (PIXIT)	
Comments:	ISUP SAM -> SUT -> INFORMATION ISDN	

6.2.3.3 Sending of the ACM message

If tones/announcement are applied, the awaiting answer indication (e.g. ring tone) is sent to the calling party upon receipt of the first ALERTING message. In this case the ACM message shall contain the OBCI with "in -band information" set to: yes.

TP303001	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N25, on receipt the ALERTING message sends the ACM message with the **Called Party's Status** (CPS) **indicator** set to " subscriber free (01)", the **Called party's category indicator** set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the **interworking indicator** set to "no interworking encountered (0)", the **ISUP indicator** set to "ISUP used all the way" and the **ISDN access indicator** set to "ISDN" and if included the **access delivery information** is set to "Set-up message generated".	
ISDN Parameter values:	ALERTING;	
ISUP Parameter values:	ACM, **CPS indicator:** subscriber free (01) **Called party's category indicator**: no indication(00) or ordinary subscriber (01) or payphone (10) **interworking indicator**: no interworking encountered (0) **ISUP indicator**: ISUP used all the way **ISDN access indicator:** ISDN **access delivery information**: Set-up message generated (IF PRESENT)	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303002	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N6, on receipt the ALERTING message sends the ACM message with the **CPS indicator** set to " subscriber free (01)", the **Called party's category indicator** set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the **interworking indicator** set to "no interworking encountered (0)", the **ISUP indicator** set to "ISUP used all the way" and the **ISDN access indicator** set to "ISDN" and if included the **access delivery information** is set to "Set-up message generated".	
ISDN Parameter values:	ALERTING;	
ISUP Parameter values:	ACM, **CPS indicator:** subscriber free (01) **Called party's category indicator**: no indication(00) or ordinary subscriber (01) or payphone (10) **interworking indicator**: no interworking encountered (0) **ISUP indicator**: ISUP used all the way **ISDN access indicator:** ISDN **access delivery information**: Set-up message generated (IF PRESENT)	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303003	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, on receipt the ALERTING message sends the ACM message with the **CPS indicator** set to " subscriber free (01)", the **Called party's category indicator** set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the **interworking indicator** set to "no interworking encountered (0)", the **ISUP indicator** set to "ISUP used all the way" and the **ISDN access indicator** set to "ISDN" and if included the **access delivery information** is set to "Set-up message generated".	
ISDN Parameter values:	ALERTING;	
ISUP Parameter values:	ACM, **CPS indicator:** subscriber free (01) **Called party's category indicator**: no indication(00) or ordinary subscriber (01) or payphone (10) **interworking indicator**: no interworking encountered (0) **ISUP indicator**: ISUP used all the way **ISDN access indicator:** ISDN **access delivery information**: Set-up message generated (IF PRESENT)	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303004	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N25, on receipt of the CALL PROCEEDING message sends the ACM message with the **CPS indicator** set to " no indication (00)", the **Called party's category indicator** set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the **interworking indicator** set to "no interworking encountered (0)", the **ISUP indicator** set to "ISUP used all the way" and the **ISDN access indicator** set to "ISDN" and if included the **access delivery information** is set to "Set-up message generated".	
ISDN Parameter values:	CALL PROCEEDING;	
ISUP Parameter values:	ACM, **CPS indicator:** no indication (00) **Called party's category indicator**: no indication(00) or ordinary subscriber (01) or payphone (10) **interworking indicator**: no interworking encountered (0) **ISUP indicator**: ISUP used all the way **ISDN access indicator:** ISDN **access delivery information**: Set-up message generated (IF PRESENT)	
Comments:	ISDN CALL PROCEEDING -> SUT -> ACM ISUP	

TP303005	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message containing a **progress indicator** set to PI_VALUE, sends the ACM message with the **CPS indicator** set to " no indication (00)", the **Called party's category indicator** set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the **interworking indicator** set to "no interworking encountered (0)", the **ISUP indicator** set to "ISUP used all the way", the **ISDN access indicator** set to "ISDN", the **Access Transport Parameter** (ATP) containing the **progress indicator** set to PI_VALUE and if included the **access delivery information** is set to "Set-up message generated".	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: PI_VALUE	
ISUP Parameter values:	ACM, **CPS indicator:** no indication (00) **Called party's category indicator**: no indication(00) or ordinary subscriber (01) or payphone (10) **interworking indicator**: no interworking encountered (0) **ISUP indicator**: ISUP used all the way **ISDN access indicator:** ISDN **ATP progress indicator**: PI_VALUE **access delivery information**: Set-up message generated (IF PRESENT)	
Comments:	ISDN CALL PROCEEDING -> SUT -> ACM ISUP	

TP303006	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, on receipt of a PROGRESS message containing the **progress indicator** set to PI_VALUE, sends the ACM message with the **CPS indicator** set to " no indication (00)", the **Called party's category indicator** set to "no indication(00)" or "ordinary subscriber (01)" or "payphone (10)", the **interworking indicator** set to "no interworking encountered (0)", the **ISUP indicator** set to "ISUP used all the way", the **ISDN access indicator** set to "ISDN", the **Access Transport Parameter** (ATP) containing the **progress indicator** set to PI_VALUE and if included the **access delivery information** is set to "Set-up message generated".	
ISDN Parameter values:	PROGRESS; **progress indicator**: PI_VALUE	
ISUP Parameter values:	ACM, **CPS indicator:** no indication (00) **Called party's category indicator**: no indication(00) or ordinary subscriber (01) or payphone (10) **interworking indicator**: no interworking encountered (0) **ISUP indicator**: ISUP used all the way **ISDN access indicator:** ISDN **ATP progress indicator**: PI_VALUE **access delivery information**: Set-up message generated (IF PRESENT)	
Comments:	ISDN PROGRESS -> SUT -> ACM ISUP	

Values for test purposes TP303005 and TP303006	
VA_01	PI_VALUE: Call is not end-to-end ISDN: further call progress information may be available in-band (#1)
VA_02	PI_VALUE: Destination address is non-ISDN (#2)

TP303007	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message containing a **progress indicator** set to PI_VALUE, does not send the ACM message.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: PI_VALUE	
ISUP Parameter values:		
Comments:	ISDN CALL PROCEEDING -> SUT ->	

TP303008	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, on receipt of a PROGRESS message containing the **progress indicator** set to PI_VALUE, does not send the ACM message.	
ISDN Parameter values:	PROGRESS; **progress indicator**: PI_VALUE	
ISUP Parameter values:		
Comments:	ISDN PROGRESS -> SUT ->	

Values for test purposes TP303007 and TP303008	
VA_01	PI_VALUE: originating address is non-ISDN (#3)
VA_02	PI_VALUE: Call has returned to ISDN (#4)

TP303009	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N25, on receipt the ALERTING message containing a **progress indicator** set to PI_VALUE sends the ACM message with the **CPS indicator** set to " subscriber free (01)" and the **Access Transport Parameter** (ATP) containing the **progress indicator** PI_VALUE.	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	ACM, **CPS indicator:** subscriber free (01) **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303010	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N6, on receipt the ALERTING message containing a **progress indicator** set to PI_VALUE sends the ACM message with the **CPS indicator** set to " subscriber free (01)" and the **ATP** containing the **progress indicator** PI_VALUE.	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	ACM, **CPS indicator:** subscriber free (01) **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303011	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, on receipt the ALERTING message containing a **progress indicator** set to PI_VALUE sends the ACM message with the **CPS indicator** set to " subscriber free (01)" and the **ATP** containing the **progress indicator** PI_VALUE.	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	ACM, **CPS indicator:** subscriber free (01) **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303012	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N25, on receipt of the CALL PROCEEDING message containing a **progress indicator** set to PI_VALUE sends the ACM message with the **CPS indicator** set to " no indication (00)" and the **ATP** containing the **progress indicator** PI_VALUE.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	ACM, **CPS indicator:** no indication (00) **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISDN CALL PROCEEDING -> SUT -> ACM ISUP	

TP303013	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3 table 75; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2] AND T reference point [A1/R.3.2] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND speech [a.2/1] AND 3,1 kHz audio	
Test purpose:	Ensure that the SUT in call state N25, on receipt the ALERTING message containing the **Bearer Capability** (BC) set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the **CPS indicator** set to " subscriber free (01)", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)"" and the **Transmission Medium Used** (TMU) set to USI_VALUE.	
ISDN Parameter values:	ALERTING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ACM, **CPS indicator:** subscriber free (01) **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303014	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3 table 75; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	T reference point [A1/R.3.2] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND speech [a.2/1] AND 3,1 kHz audio	
Test purpose:	Ensure that the SUT in call state N6, on receipt the ALERTING message containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the **CPS indicator** set to " subscriber free (01)", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)"" and the **TMU** set to USI_VALUE.	
ISDN Parameter values:	ALERTING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ACM, **CPS indicator:** subscriber free (01) **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303015	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3 table 75; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1] AND T reference point [A1/R.3.2] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND speech [a.2/1] AND 3,1 kHz audio	
Test purpose:	Ensure that the SUT in call state N9, on receipt the ALERTING message containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the **CPS indicator** set to " subscriber free (01)", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)"" and the **TMU** set to USI_VALUE.	
ISDN Parameter values:	ALERTING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ACM, **CPS indicator:** subscriber free (01) **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303016	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3 table 75; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2] AND T reference point [A1/R.3.2] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND speech [a.2/1] AND 3,1 kHz audio	
Test purpose:	Ensure that the SUT in call state N25, on receipt of the CALL PROCEEDING message containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the **CPS indicator** set to " no indication (00)", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)"" and the **TMU** set to USI_VALUE.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ACM, **CPS indicator:** no indication (00) **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN CALL PROCEEDING -> SUT -> ACM ISUP	

TP303017	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3 table 75; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1] AND T reference point [A1/R.3.2] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND speech [a.2/1] AND 3,1 kHz audio	
Test purpose:	Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the **CPS indicator** set to " no indication (00)", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)"" and the **TMU** set to USI_VALUE.	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ACM, **CPS indicator:** no indication (00) **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN CALL PROCEEDING -> SUT -> ACM ISUP	

TP303018	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3 table 75; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1] AND T reference point [A1/R.3.2] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND speech [a.2/1] AND 3,1 kHz audio	
Test purpose:	Ensure that the SUT in call state N9, on receipt of a PROGRESS message containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ACM message with the **CPS indicator** set to " no indication (00)")", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the **TMU** set to USI_VALUE.	
ISDN Parameter values:	PROGRESS; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ACM, **CPS indicator:** no indication (00) **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN PROGRESS -> SUT -> ACM ISUP	

Values and additional selection criteria for test purposes TP303013 to TP303018		
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA	BC_VALUE: speech
VA_02	USI_VALUE: 3.1 ISUP_VALUE: UDI/TA	BC_VALUE: 3.1

TP303019	**ISDN reference:** **EN 300 403-1 [6], clause 5.2.5**	**ISUP reference:** **EN 300 899-1 [1], clause 3.1.1.3 table 76;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2] AND T reference point [A.1/R3.2.]	
ISUP selection criteria:	Support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N25, on receipt the ALERTING message with a **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a **HLC** set to HLC_VALUE sends the ACM message with the **CPS indicator** set to "subscriber free (01)", the **ATP** including the HLC set to HLC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	ALERTING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	IAM; **ATP first HLC**: HLC_VALUE1 (PIXIT) **ATP second HLC**: HLC_VALUE2 (PIXIT) ACM, **CPS indicator:** subscriber free (01) **ATP HLC**: HLC_VALUE2 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303020	**ISDN reference:** **EN 300 403-1 [6], clause 5.2.5**	**ISUP reference:** **EN 300 899-1 [1], clause 3.1.1.3 table 76;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	T reference point [A.1/R3.2.]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback [A.13/10]	
Test purpose:	Ensure that the SUT in call state N6, on receipt the ALERTING message with a **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a **HLC** set to HLC_VALUE sends the ACM message with the **CPS indicator** set to "subscriber free (01)", the **ATP** including the HLC set to HLC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	ALERTING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	IAM; **ATP first HLC**: HLC_VALUE1 (PIXIT) **ATP second HLC**: HLC_VALUE2 (PIXIT) ACM, **CPS indicator:** subscriber free (01) **ATP HLC**: HLC_VALUE2 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303021	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3 table 76; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1] AND T reference point [A.1/R3.2.]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, on receipt the ALERTING message with a **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a **HLC** set to HLC_VALUE sends the ACM message with the **CPS indicator** set to "subscriber free (01)", the **ATP** including the HLC set to HLC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	ALERTING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	IAM; **ATP first HLC**: HLC_VALUE1 (PIXIT) **ATP second HLC**: HLC_VALUE2 (PIXIT) ACM, **CPS indicator:** subscriber free (01) **ATP HLC**: HLC_VALUE2 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP303022	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3 table 76; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2] AND T reference point [A.1/R3.2.]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N25, on receipt of the CALL PROCEEDING message with a **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a **HLC** set to HLC_VALUE sends the ACM message with the **CPS indicator** set to " no indication (00)", the **ATP** including the HLC set to HLC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	IAM; **ATP first HLC**: HLC_VALUE1 (PIXIT) **ATP second HLC**: HLC_VALUE2 (PIXIT) ACM, **CPS indicator:** no indication (00) **ATP HLC**: HLC_VALUE2 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN CALL PROCEEDING -> SUT -> ACM ISUP	

TP303023	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3 table 76; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1 AND T reference point [A.1/R3.2.]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message with a **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a **HLC** set to HLC_VALUE sends the ACM message with the **CPS indicator** set to " no indication (00)", the **ATP** including the HLC set to HLC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	IAM; **ATP first HLC**: HLC_VALUE1 (PIXIT) **ATP second HLC**: HLC_VALUE2 (PIXIT) ACM, **CPS indicator:** no indication (00) **ATP HLC**: HLC_VALUE2 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN CALL PROCEEDING -> SUT -> ACM ISUP	

TP303024	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1] AND T reference point [A.1/R3.2.]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, on receipt of a PROGRESS message with a **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a **HLC** set to HLC_VALUE sends the ACM message with the **CPS indicator** set to " no indication (00)", the **ATP** including the HLC set to HLC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	PROGRESS; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	IAM; **ATP first HLC**: HLC_VALUE1 (PIXIT) **ATP second HLC**: HLC_VALUE2 (PIXIT) ACM, **CPS indicator:** no indication (00) **ATP HLC**: HLC_VALUE2 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN PROGRESS -> SUT -> ACM ISUP	

TP303025	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N6, on receipt of the CALL PROCEEDING message containing no **progress indicator**, does not send the ACM message.	
ISDN Parameter values:	CALL PROCEEDING; no **progress indicator**:	
ISUP Parameter values:		
Comments:	ISDN CALL PROCEEDING -> SUT ->	

TP303026	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, on receipt of a PROGRESS message containing no **progress indicator** does not send the ACM message.	
ISDN Parameter values:	PROGRESS; no **progress indicator**	
ISUP Parameter values:		
Comments:	ISDN PROGRESS -> SUT ->	

TP303027	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N25, on receipt of the PROGRESS message containing a **progress indicator** set to PI_VALUE, does not send the ACM message.	
ISDN Parameter values:	PROGRESS; **progress indicator**: PI_VALUE (PIXIT VALUE different from: In-band tone information or an appropriate pattern now available (#8))	
ISUP Parameter values:		
Comments:	ISDN PROGRESS -> SUT ->	

TP303028	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT, having received enough information in the IAM message, sends the ACM message with the **CPS indicator** set to "no indication", the **ISUP indicator** set to "ISUP used all the way" and the **ISDN access indicator** set to "ISDN" and sends a SETUP message.	
ISDN Parameter values:		
ISUP Parameter values:	ACM; **CPS indicator** : no indication **ISUP indicator:** ISUP used all the way **ISDN access indicator**: ISDN	
Comments:	ISDN -> SUT -> ISUP ACM	

TP303029	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.3; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Address Complete Message (ACM)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having received enough information in the IAM and having send automatically the ACM, on receipt of the CALL PROCEEDING message does not send any message.	
ISDN Parameter values:	CALL PROCEEDING	
ISUP Parameter values:		
Comments:	ISDN CALL PROCEEDING -> SUT ->	

6.2.3.4 Sending of the CPG message

If tones/announcement are applied, the awaiting answer indication (e.g. ring tone) is sent to the calling party upon receipt of the first ALERTING message. In this case the CPG message shall contain the OBCI with "in -band information" set to: yes.

TP304001	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a PROGRESS message, sends the CPG message with the **event indicator** set to "progress".	
ISDN Parameter values:	PROGRESS;	
ISUP Parameter values:	CPG; **event indicator**: progress	
Comments:	ISDN PROGRESS -> SUT -> CPG ISUP	

TP304002	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message, sends the CPG message with the **event indicator** set to "progress".	
ISDN Parameter values:	PROGRESS;	
ISUP Parameter values:	CPG; **event indicator**: progress	
Comments:	ISDN PROGRESS -> SUT -> CPG ISUP	

TP304003	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of an ALERTING message, sends the CPG message with the **event indicator** set to "Alerting".	
ISDN Parameter values:	ALERTING;	
ISUP Parameter values:	CPG; **event indicator**: Alerting	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP304004	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message followed by an ALERTING message, sends two CPG messages respectively with the **event indicator** set to "Progress" and "Alerting".	
ISDN Parameter values:	PROGRESS; ALERTING;	
ISUP Parameter values:	CPG 1; **event indicator**: Progress CPG 2; **event indicator**: Alerting	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP304005	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a PROGRESS message containing the **progress indicator** set to PI_VALUE, sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	PROGRESS; **progress indicator**: PI_VALUE	
ISUP Parameter values:	CPG; **event indicator**: Progress **ATP progress indicator**: PI_VALUE	
Comments:	ISDN PROGRESS -> SUT -> CPG ISUP	

TP304006	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message containing the **progress indicator** set to PI_VALUE, sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	PROGRESS; **progress indicator**: PI_VALUE	
ISUP Parameter values:	CPG; **event indicator**: Progress **ATP progress indicator**: PI_VALUE	
Comments:	ISDN PROGRESS -> SUT -> CPG ISUP	

Values and additional selection criteria for test purposes TP304005 and TP304006	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Destination address is non-ISDN (#2)

TP304007	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message with the ATP containing the **progress indicator** set to "Destination address is non-ISDN (#2)", on receipt of a PROGRESS message containing the **progress indicator** set to " Call has returned to the ISDN(#4)", sends the CPG message with the **event indicator** set to "Progress" and the **ATP** containing the **progress indicator** set to " Call has returned to the ISDN(#4)".	
ISDN Parameter values:	CALL PROCEEDING; **progress indicator**: Destination address is non-ISDN (#2) PROGRESS; **progress indicator**: Call has returned to the ISDN(#4)	
ISUP Parameter values:	ACM; **progress indicator**: Destination address is non-ISDN (#2) CPG; **event indicator**: Progress **ATP progress indicator**: Call has returned to the ISDN(#4)	
Comments:	ISDN PROGRESS -> SUT -> CPG ISUP	

TP304008	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message with the ATP containing the **progress indicator** set to "Destination address is non-ISDN (#2)", on receipt of a PROGRESS message containing the **progress indicator** set to " Call has returned to the ISDN(#4)", sends the CPG message with the **event indicator** set to "Progress" and the **ATP** containing the **progress indicator** set to " Call has returned to the ISDN(#4)".	
ISDN Parameter values:	ALERTING; **progress indicator**: Destination address is non-ISDN (#2) PROGRESS; **progress indicator**: Call has returned to the ISDN(#4)	
ISUP Parameter values:	ACM; **progress indicator**: Destination address is non-ISDN (#2) CPG; **event indicator**: Progress **ATP progress indicator**: Call has returned to the ISDN(#4)	
Comments:	ISDN PROGRESS -> SUT -> CPG ISUP	

TP304009	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4.a; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of an ALERTING message containing the **progress indicator** set to "Call is not end-to-end ISDN (#1)", sends a CPG message with the **event indicator** set to "Alerting" and the **ATP** including the **progress indicator** set to "Call is not end-to-end ISDN (#1)".	
ISDN Parameter values:	ALERTING; **progress indicator**: Call is not end-to-end ISDN (#1)	
ISUP Parameter values:	CPG; **Event indicator**: Alerting **ATP progress indicator**: Call is not end-to-end ISDN (#1)	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP304010	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of an ALERTING message containing the **progress indicator** set to "Destination address is non-ISDN (#2)", sends a CPG message with the **event indicator** set to "Alerting" and the **ATP** including the **progress indicator** set to "Destination address is non ISDN (#2)".	
ISDN Parameter values:	ALERTING; **progress indicator**: Destination address is non-ISDN (#2)	
ISUP Parameter values:	CPG; **Event indicator**: Alerting **ATP progress indicator**: Destination address is non-ISDN (#2)	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP304011	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message containing the **progress indicator** set to "Call is not end-to-end ISDN (#1)" followed by an ALERTING message, sends a first CPG message with the **Event indicator** set to "Progress", the **ATP** including a **progress indicator** set to "Call is not end-to-end ISDN (#1)" and a second CPG message with the **Event indicator** set to " Alerting".	
ISDN Parameter values:	PROGRESS; **progress indicator:** Call is not end-to-end ISDN (#1) ALERTING	
ISUP Parameter values:	CPG1 ; **Event indicator**: Progress **ATP progress indicator**: Call is not end-to-end ISDN (#1) CPG2; **Event indicator**: Alerting	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP304012	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message containing the **progress indicator** set to "Destination address is non-ISDN (#2)" followed by an ALERTING message, sends a first CPG message with the **Event indicator** set to "Progress", the ATP **progress indicator** set to "to "Destination address is non-ISDN (#2)" and a second CPG message with the **Event indicator** set to " Alerting".	
ISDN Parameter values:	PROGRESS; **progress indicator:** Destination address is non-ISDN (#2) ALERTING	
ISUP Parameter values:	CPG1 ; **Event indicator**: Progress **ATP progress indicator**: Destination address is non-ISDN (#2) CPG2; **Event indicator**: Alerting	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP304013	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4 table 75; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISN1.2.4]	
ISUP selection criteria:	speech [A.2/1] AND 3,1 kHz audio [A.2/2] AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9 having sent the ACM message, on receipt of a PROGRESS message containing the **BC** SET to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CPG message with the **event indicator** set to "Progress", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the **TMU** set to USI_VALUE.	
ISDN Parameter values:	PROGRESS; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CPG, **event indicator:** Progress **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN PROGRESS -> SUT -> CPG ISUP	

TP304014	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4 table 75; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISN1.2.4]	
ISUP selection criteria:	speech [A.2/1] AND 3,1 kHz audio [A.2/2] AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N7 having sent the ACM message, on receipt of a PROGRESS message containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CPG message with the **event indicator** set to "Progress", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the **TMU** set to USI_VALUE.	
ISDN Parameter values:	PROGRESS; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CPG; **event indicator**: Progress **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN PROGRESS -> SUT -> CPG ISUP	

TP304015	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4 table 75; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISN1.2.4]	
ISUP selection criteria:	speech [A.2/1] AND 3,1 kHz audio [A.2/2] AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9 having sent the ACM message, on receipt of an ALERTING message containing the **BC** SET to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CPG message with the **event indicator** set to "Alerting", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the **TMU** set to USI_VALUE.	
ISDN Parameter values:	ALERTING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CPG; **event indicator**: Alerting **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP304016	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4 table 75; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISN1.2.4]	
ISUP selection criteria:	speech [A.2/1] AND 3,1 kHz audio [A.2/2] AND support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N7 having sent the ACM message, on receipt of a PROGRESS message containing the **BC** SET to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and "In-band information or appropriate pattern is now available (#8)", sends the CPG message with the **event indicator** set to "In-band information or appropriate pattern is now available", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the **TMU** set to USI_VALUE.	
ISDN Parameter values:	PROGRESS; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **progress indicator**: In-band information or appropriate pattern is now available (#8) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CPG; **event indicator**: In-band information or appropriate pattern is now available **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN PROGRESS -> SUT -> CPG ISUP	

Values and additional selection criteria for test purposes TP304013 to TP304016		
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA	BC_VALUE: speech
VA_02	USI_VALUE: 3.1 ISUP_VALUE: UDI/TA	BC_VALUE: 3.1

TP304017	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4 table 76; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a PROGRESS message with a **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a **HLC** set to HLC_VALUE sends the CPG message with **event indicator** set to "Progress", the **ATP** including the HLC set to HLC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	PROGRESS; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	CPG, **Event indicator**: Progress **ATP HLC**: HLC_VALUE2 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN PROGRESS -> SUT -> ACM ISUP	

TP304018	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4 table 76; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a PROGRESS message with a **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a **HLC** set to HLC_VALUE sends the CPG message with **event indicator** set to "Progress", the **ATP** including the HLC set to HLC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	PROGRESS; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	CPG, **Event indicator**: Progress **ATP HLC**: HLC_VALUE2 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN PROGRESS -> SUT -> ACM ISUP	

TP304019	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.4 table 76; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of an ALERTING message with a **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a **HLC** set to HLC_VALUE sends the CPG message with **event indicator** set to "Alert", the **ATP** including the HLC set to HLC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	ALERTING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE2 (PIXIT)	
ISUP Parameter values:	CPG, **Event indicator**: Alerting **ATP HLC**: HLC_VALUE2 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN PROGRESS -> SUT -> ACM ISUP	

TP304020	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of an ALERTING message, sends the CPG message with the **event indicator** set to "Alerting".	
ISDN Parameter values:	ALERTING;	
ISUP Parameter values:	CPG; **event indicator**: Alerting	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP304021	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of an ALERTING message followed by a PROGRESS message, sends two CPG message respectively with the **event indicator** set to "Alerting" and "Progress".	
ISDN Parameter values:	ALERTING; PROGRESS;	
ISUP Parameter values:	CPG 1; **event indicator**: Alerting CPG 2; **event indicator**: Progress	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP304023	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4.a; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of an ALERTING message containing the **progress indicator** set to PI_VALUE, sends two CPG message with the **event indicator** set to "Alerting" and the **ATP** including the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	ALERTING; **progress indicator**: PI_VALUE	
ISUP Parameter values:	CPG; **Event indicator**: Alerting **ATP progress indicator**: PI_VALUE	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

Values and additional selection criteria for test purposes TP304023 and TP304024	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Destination address is non-ISDN (#2)

TP304024	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having received an IAM with the **USI field** indicating USI_VALUE and having sent automatically the ACM message, on receipt of an ALERTING message, sends a CPG message with the **event indicator** set to "Alerting" and **OBCI in-band** information set to "yes".	
ISDN Parameter values:	ALERTING;	
ISUP Parameter values:	IAM: **USI**: USI_VALUE; CPG; **Event indicator**: Alerting **OBCI in-band**: yes	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

Values and additional selection criteria for test purposes TP304024	
VA_01	USI_VALUE = speech
VA_02	USI_VALUE = 3,1 kHz

TP304025	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N9, having sent automatically the ACM message, on receipt of a PROGRESS message containing the **progress indicator** set PI_VALUE followed by an ALERTING message, sends a first CPG message with the **Event indicator** set PI_VALUE and a second CPG message with the **Event indicator** set to " Alerting".	
ISDN Parameter values:	PROGRESS; **progress indicator** : PI_VALUE (PIXIT) ALERTING;	
ISUP Parameter values:	CPG1 ; **Event indicator**: PI_VALUE (PIXIT) CPG2; **Event indicator**: Alerting	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

Values and additional selection criteria for test purposes TP304025	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Destination address is non-ISDN (#2)

TP304026	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4 table 75; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:	S/T reference point [A.1/R.3.1] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISN1.2.4]	
ISUP selection criteria:	speech [A.2/1] AND 3,1 kHz audio [A.2/2] AND support signalling procedures for connection type allowing fallback ([A.13/10]) AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N9 having sent automatically the ACM message, on receipt of a PROGRESS message containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CPG message with the **event indicator** set to "Progress", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the **TMU** set to USI_VALUE.	
ISDN Parameter values:	PROGRESS; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CPG; **event indicator**: Progress **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN PROGRESS -> SUT -> CPG ISUP	

TP304027	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4 table 75; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:	S/T reference point [A.1/R.3.1] AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISN1.2.4]	
ISUP selection criteria:	speech [A.2/1] AND 3,1 kHz audio [A.2/2] AND support signalling procedures for connection type allowing fallback ([A.13/10]) AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6 having sent automatically the ACM message, on receipt of an ALERTING message containing the **BC** SET to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CPG message with the **event indicator** set to "Alerting", the **ATP** containing the **BC** set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and the **TMU** set to USI_VALUE.	
ISDN Parameter values:	ALERTING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CPG; **event indicator**: Alerting **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

Values and additional selection criteria for test purposes TP304026 to TP304027		
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA	BC_VALUE: speech
VA_02	USI_VALUE: 3.1 ISUP_VALUE: UDI/TA	BC_VALUE: 3.1

TP304028	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4 table 76; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:	S/T reference point [A.1/R.3.1] AND	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N9, having sent automatically the ACM message, on receipt of a PROGRESS message with a **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a **HLC** set to HLC_VALUE sends the CPG message with **event indicator** set to "Progress", the **ATP** including the HLC set to HLC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	PROGRESS; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE (PIXIT)	
ISUP Parameter values:	CPG, **Event indicator**: Progress **ATP HLC**: HLC_VALUE (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN PROGRESS -> SUT -> ACM ISUP	

TP304029	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4 table 76; ETS 300 356-1 [5], clause 2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call Progress Message (CPG)/	
ISDN selection criteria:	S/T reference point [A.1/R.3.1] AND	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of an ALERTING message with a **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" and with a **HLC** set to HLC_VALUE sends the CPG message with **event indicator** set to "Alert", the **ATP** including the HLC set to HLC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	ALERTING; **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **HLC**: HLC_VALUE (PIXIT)	
ISUP Parameter values:	CPG, **Event indicator**: Alerting **ATP HLC**: HLC_VALUE (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN PROGRESS -> SUT -> ACM ISUP	

6.2.3.5 Sending of the ANM message

TP305001	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a CONNECT message sends the ANM message.	
ISDN Parameter values:	CONNECT;	
ISUP Parameter values:	ANM;	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305002	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a CONNECT message sends the ANM message.	
ISDN Parameter values:	CONNECT;	
ISUP Parameter values:	ANM;	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305003	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 77; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a CONNECT message containing the **progress indicator** set to PI_VALUE sends the ANM message with the **ATP** including the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305004	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 77; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a CONNECT message containing the **progress indicator** set to PI_VALUE sends the ANM message with the **ATP** including the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305005	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 77; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a CONNECT message containing the **LLC** set to LLC_VALUE sends the ANM message with the **ATP** including the **LLC** set to LLC_VALUE.	
ISDN Parameter values:	CONNECT; **LLC**: LLC_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP LLC**: PI_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305006	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 77; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a CONNECT message containing the **LLC** set to LLC_VALUE sends the ANM message with the **ATP** including the **LLC** set to LLC_VALUE.	
ISDN Parameter values:	CONNECT; **LLC**: LLC_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP LLC**: PI_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305007	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 tables 79 & 81; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 sends the ANM message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; **HLC**: LLC_VALUE2 (PIXIT)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **ATP HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305008	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 tables 79 & 81; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 sends the ANM message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; **HLC**: LLC_VALUE2 (PIXIT)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **ATP HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305009	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 79; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	coincidence S and T reference [A.1/R.3.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and having sent the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the ANM message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **ATP HLC**: HLC_VALUE1 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305010	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 79; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	coincidence S and T reference [A.1/R.3.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N7, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and having sent the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the ANM message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **ATP HLC**: HLC_VALUE1 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305011	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 tables 78 & 80; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback [A.13/10] AND speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N7, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE, sends the ANM message with the **ATP** including the **BC** set to BC_VALUE and the TMU set to USI_VALUE.	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ANM; **ATP BC**: BC_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305012	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 tables 78 & 80; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	AND speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback [A.13/10] AND speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE, sends the ANM message with the **ATP** including the **BC** set to BC_VALUE and the TMU set to USI_VALUE.	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ANM; **ATP BC**: BC_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

Values and additional selection criteria for test purposes TP305011 and TP305012		
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA	BC_VALUE: speech
VA_02	USI_VALUE: 3.1 ISUP_VALUE: UDI/TA	BC_VALUE: 3.1

TP305013	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 tables 78 & 80; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with **BC** information element set to "unrestricted digital information with tones and announcements", sends the ANM message with the **ATP** including the **BC** set to "unrestricted digital information with tones and announcements", and without TMU.	
ISDN Parameter values:	CONNECT; **BC**: unrestricted digital information with tones and announcements	
ISUP Parameter values:	IAM; **USI**: USI_VALUE (PIXIT) **USI** prime: unrestricted digital information with tones and announcements **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE (PIXIT) ANM; **ATP BC**: unrestricted digital information with tones and announcements"	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305014	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 tables 78 & 80; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N7, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with **BC** information element set to "unrestricted digital information with tones and announcements", sends the ANM message with the **ATP** including the **BC** set to "unrestricted digital information with tones and announcements", and without TMU.	
ISDN Parameter values:	CONNECT; **BC**: unrestricted digital information with tones and announcements	
ISUP Parameter values:	IAM; **USI**: USI_VALUE (PIXIT) **USI** prime: unrestricted digital information with tones and announcements **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE (PIXIT) ANM; **ATP BC**: unrestricted digital information with tones and announcements"	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305015	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 tables 78 & 80; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message without **BC** information element, sends the ANM message with the **ATP** including the **BC** set to USI_VALUE and the TMU set to USI_VALUE.	
ISDN Parameter values:	CONNECT; **no BC**	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ANM; **ATP BC**: USI_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305016	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 tables 78 & 80; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N7, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message without **BC** information element, sends the ANM message with the **ATP** including the **BC** set to USI_VALUE and the TMU set to USI_VALUE.	
ISDN Parameter values:	CONNECT; **no BC**	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ANM; **ATP BC**: USI_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

Values and additional selection criteria for test purposes TP305015 and TP305016	
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA
VA_02	USI_VALUE: 3,1 kHz audio ISUP_VALUE: UDI/TA

TP305017	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 81; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the **ATP** including the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **HLC**: HLC_VALUE1 (PIXIT) **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **ATP HLC**: HLC_VALUE1 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305018	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 81; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the **ATP** including the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **HLC**: HLC_VALUE1 (PIXIT) **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **ATP HLC**: HLC_VALUE1 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305019	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 81; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and having sent the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the ANM message without the **ATP** including the **HLC**.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **ATP no HLC**	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305020	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 81; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N7, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and having sent the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the ANM message without the **ATP** including the **HLC**.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **no HLC**	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305021	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 80; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the **ATP** including the **BC** set to BC_VALUE and the **TMU** set to USI_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ANM; **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305022	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.5 table 80; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N7, having received the IAM message indicating BC fallback and having sent the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the **ATP** including the **BC** set to BC_VALUE and the **TMU** set to USI_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ANM; **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

Values and additional selection criteria for test purposes TP305021 and TP305022		
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA	BC_VALUE: speech
VA_02	USI_VALUE: 3.1 ISUP_VALUE: UDI/TA	BC_VALUE: 3.1

TP305023	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of a CONNECT message sends the ANM message.	
ISDN Parameter values:	CONNECT;	
ISUP Parameter values:	ANM;	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305024	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 table 77; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of a CONNECT message containing the **progress indicator** set to PI_VALUE sends the ANM message with the **ATP** including the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305025	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 table 77; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of a CONNECT message containing the **LLC** set to LLC_VALUE sends the ANM message with the **ATP** including the **LLC** set to LLC_VALUE.	
ISDN Parameter values:	CONNECT; **LLC**: LLC_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP LLC**: PI_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305026	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 tables 79 & 81; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 sends the ANM message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; **HLC**: LLC_VALUE2 (PIXIT)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **ATP HLC**: HLC_VALUE2 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305027	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 table 79; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	coincidence S and T reference [A.1/R.3.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and having sent automatically the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the ANM message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **ATP HLC**: HLC_VALUE1 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305028	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 tables 78 & 80; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback [A.13/10] AND speech [A.2/1] AND 3,1 kHz audio [A.2/2] AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback allowed and having sent automatically the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE, sends the ANM message with the **ATP** including the **BC** set to BC_VALUE and the TMU set to USI_VALUE.	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ANM; **ATP BC**: BC_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

Values and additional selection criteria for test purposes TP305028		
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA	BC_VALUE: speech
VA_02	USI_VALUE: 3.1 ISUP_VALUE: UDI/TA	BC_VALUE: 3.1

TP305029	**ISDN reference:** **EN 300 403-1 [6], clause 5.2.5**	**ISUP ref. to:** **EN 300 899-1 [1], clause 3.1.1.5 tables 78 & 80;** **ETS 300 356-1 [5], clause 2.1.7**
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback allowed and having sent automatically the ACM message, on receipt of a CONNECT message with **BC** information element set to "unrestricted digital information with tones and announcements", sends the ANM message with the **ATP** including the **BC** set to "unrestricted digital information with tones and announcements", and without TMU.	
ISDN Parameter values:	CONNECT; **BC**: unrestricted digital information with tones and announcements	
ISUP Parameter values:	IAM; **USI**: USI_VALUE (PIXIT) **USI** prime: unrestricted digital information with tones and announcements **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE (PIXIT) ANM; **ATP BC**: unrestricted digital information with tones and announcements"	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305030	**ISDN reference:** **EN 300 403-1 [6], clause 5.2.5**	**ISUP ref. to:** **EN 300 899-1 [1], clause 3.1.1.5 tables 78 & 80;** **ETS 300 356-1 [5], clause 2.1.7**
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND speech [A.2/1] AND 3,1 kHz audio [A.2/2] AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback allowed and having sent automatically the ACM message, on receipt of a CONNECT message without **BC** information element, sends the ANM message with the **ATP** including the **BC** set to USI_VALUE and the TMU set to USI_VALUE.	
ISDN Parameter values:	CONNECT; **no BC**	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ANM; **ATP BC**: USI_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

Values and additional selection criteria for test purposes TP305030	
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA
VA_02	USI_VALUE: 3,1 kHz audio ISUP_VALUE: UDI/TA

TP305031	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 table 81; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	S/T reference point [A.1/R.3.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the **ATP** including the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **HLC**: HLC_VALUE1 (PIXIT) **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **ATP HLC**: HLC_VALUE1 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305032	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 table 81; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	S/T reference point [A.1/R.3.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and having sent automatically the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the ANM message without the **ATP** including the **HLC**.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) ANM; **no HLC**	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP305033	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 table 80; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	S/T reference point [A.1/R.3.1] AND Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/ISn1.2.4]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2] AND PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback allowed and having sent automatically the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the ANM message with the **ATP** including the **BC** set to BC_VALUE and the **TMU** set to USI_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE ANM; **ATP BC**: BC_VALUE **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

Values and additional selection criteria for test purposes TP305033		
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA	BC_VALUE: speech
VA_02	USI_VALUE: 3.1 ISUP_VALUE: UDI/TA	BC_VALUE: 3.1

6.2.3.6 Sending of the CON message

TP306001	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N25, having not sent the ACM message, on receipt of a CONNECT message sends the CON message with the BCI encoded as followed: **Interworking indicator**: no interworking encountered **ISUP indicator**: ISUP used all the way **ISDN access indicator**: ISDN **CPS indicator**: subscriber free	
ISDN Parameter values:	CONNECT;	
ISUP Parameter values:	CON; **BCI interworking indicator**: no interworking encountered **ISUP indicator**: ISUP used all the way **ISDN access indicator**: ISDN **CPS indicator**: subscriber free	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306002	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having not sent the ACM message, on receipt of a CONNECT message sends the CON message with the BCI encoded as followed: **Interworking indicator**: no interworking encountered **ISUP indicator**: ISUP used all the way **ISDN access indicator**: ISDN **CPS indicator**: subscriber free	
ISDN Parameter values:	CONNECT;	
ISUP Parameter values:	CON; **BCI interworking indicator**: no interworking encountered **ISUP indicator**: ISUP used all the way **ISDN access indicator**: ISDN **CPS indicator**: subscriber free	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306003	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
En-bloc		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N6, having not sent the ACM message, on receipt of a CONNECT message sends the CON message with the BCI encoded as followed: **Interworking indicator**: no interworking encountered **ISUP indicator**: ISUP used all the way **ISDN access indicator**: ISDN **CPS indicator**: subscriber free	
ISDN Parameter values:	CONNECT;	
ISUP Parameter values:	CON; **BCI interworking indicator**: no interworking encountered **ISUP indicator**: ISUP used all the way **ISDN access indicator**: ISDN **CPS indicator**: subscriber free	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306004	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N25, having not sent the ACM message, on receipt of a CONNECT message including the **progress indicator** set to PI_VALUE. sends the CON message with the ATP including the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator:** PI_VALUE (PIXIT)	
ISUP Parameter values:	CON; **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306005	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having not sent the ACM message, on receipt of a CONNECT message including the **progress indicator** set to PI_VALUE. sends the CON message with the ATP including the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator:** PI_VALUE (PIXIT)	
ISUP Parameter values:	CON; **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306006	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N6, having not sent the ACM message, on receipt of a CONNECT message including the **progress indicator** set to PI_VALUE. sends the CON message with the ATP including the **progress indicator** set to PI_VALUE.	
ISDN Parameter values:	CONNECT; **progress indicator:** PI_VALUE (PIXIT)	
ISUP Parameter values:	CON; **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306007	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N25, having not sent the ACM message, on receipt of a CONNECT message including the **LLC** set to LLC_VALUE. sends the CON message with the ATP including the **LLC** set to LLC_VALUE.	
ISDN Parameter values:	CONNECT; **LLC:** LLC_VALUE (PIXIT)	
ISUP Parameter values:	CON; **ATP LLC**: LLC_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306008	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having not sent the ACM message, on receipt of a CONNECT message including the **LLC** set to LLC_VALUE. sends the CON message with the ATP including the **LLC** set to LLC_VALUE.	
ISDN Parameter values:	CONNECT; **LLC:** LLC_VALUE (PIXIT)	
ISUP Parameter values:	CON; **ATP LLC**: LLC_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306009	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N6, having not sent the ACM message, on receipt of a CONNECT message including the **LLC** set to LLC_VALUE. sends the CON message with the ATP including the **LLC** set to LLC_VALUE.	
ISDN Parameter values:	CONNECT; **LLC:** LLC_VALUE (PIXIT)	
ISUP Parameter values:	CON; **ATP LLC**: LLC_VALUE (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306010	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 84 & 86; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N25, having not sent the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 sends the CON message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; **HLC**: LLC_VALUE1 (PIXIT)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP HLC**: HLC_VALUE1 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306011	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 84 & 86; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N6, having not sent the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 sends the CON message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; **HLC**: LLC_VALUE1 (PIXIT)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP HLC**: HLC_VALUE1 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306012	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 84 & 86; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Sending of the Answer Message (ANM)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having not sent the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 sends the CON message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; **HLC**: LLC_VALUE1 (PIXIT)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP HLC**: HLC_VALUE1 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306013	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 84; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	coincidence S T reference [A.1/R.3.1] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N25, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and having not sent the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the CON message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP HLC**: HLC_VALUE1 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306014	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 84; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	coincidence S T reference [A.1/R.3.1] AND Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and having not sent the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the CON message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP HLC**: HLC_VALUE1 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306015	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 84; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	coincidence S T reference [A.1/R.3.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and having not sent the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the CON message with the **ATP** including the **HLC** set to HLC_VALUE1.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP HLC**: HLC_VALUE1 (PIXIT)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306016	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 83 & 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2] AND Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE, sends the CON message with the **ATP** including the **BC** set to BC_VALUE and the TMU set to USI_VALUE .	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CON; **ATP BC**: BC_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306017	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 83 & 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1] AND Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE, sends the CON message with the **ATP** including the **BC** set to BC_VALUE and the TMU set to USI_VALUE.	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CON; **ATP BC**: BC_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306018	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 83 & 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE, sends the CON message with the **ATP** including the **BC** set to BC_VALUE and the TMU set to USI_VALUE.	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CON; **ATP BC**: BC_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

Values and additional selection criteria for test purposes TP306016 to TP306018		
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA	BC_VALUE: speech
VA_02	USI_VALUE: 3.1 ISUP_VALUE: UDI/TA	BC_VALUE: 3.1

TP306019	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 83 & 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with **BC** information element set to "unrestricted digital information with tones and announcements", sends the CON message with the **ATP** including the **BC** set to "unrestricted digital information with tones and announcements", and without TMU.	
ISDN Parameter values:	CONNECT; **BC**: unrestricted digital information with tones and announcements	
ISUP Parameter values:	IAM; **USI**: USI_VALUE (PIXIT) **USI** prime: unrestricted digital information with tones and announcements **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE (PIXIT) CON; **ATP BC**: unrestricted digital information with tones and announcements"	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306020	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 83 & 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:		
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with **BC** information element set to "unrestricted digital information with tones and announcements", sends the CON message with the **ATP** including the **BC** set to "unrestricted digital information with tones and announcements", and without TMU.	
ISDN Parameter values:	CONNECT; **BC**: unrestricted digital information with tones and announcements	
ISUP Parameter values:	IAM; **USI**: USI_VALUE (PIXIT) **USI** prime: unrestricted digital information with tones and announcements **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE (PIXIT) CON; **ATP BC**: unrestricted digital information with tones and announcements"	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306021	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 83 & 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with **BC** information element set to "unrestricted digital information with tones and announcements", sends the CON message with the **ATP** including the **BC** set to "unrestricted digital information with tones and announcements", and without TMU.	
ISDN Parameter values:	CONNECT; **BC**: unrestricted digital information with tones and announcements	
ISUP Parameter values:	IAM; **USI**: USI_VALUE (PIXIT) **USI** prime: unrestricted digital information with tones and announcements **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE (PIXIT) CON; **ATP BC**: unrestricted digital information with tones and announcements"	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306022	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 83 & 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2] AND Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message without **BC** information element, sends the CON message with the **ATP** including the **BC** set to USI_VALUE and the TMU set to USI_VALUE.	
ISDN Parameter values:	CONNECT; **no BC**	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CON; **ATP BC**: USI_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306023	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 83 & 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	Called party addressing information send only in the SETUP message [A.62/MCn.2.1] AND Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message without **BC** information element, sends the CON message with the **ATP** including the **BC** set to USI_VALUE and the TMU set to USI_VALUE.	
ISDN Parameter values:	CONNECT; **no BC**	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CON; **ATP BC**: USI_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306024	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 tables 83 & 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message without **BC** information element, sends the CON message with the **ATP** including the **BC** set to USI_VALUE and the TMU set to USI_VALUE.	
ISDN Parameter values:	CONNECT; **no BC**	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CON; **ATP BC**: USI_VALUE **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

Values and additional selection criteria for test purposes TP306022 to TP306024	
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA
VA_02	USI_VALUE: 3,1 kHz audio ISUP_VALUE: UDI/TA

TP306025	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 86; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N25, having not sent the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the **ATP** including the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **HLC**: LLC_VALUE1 (PIXIT) **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP HLC**: HLC_VALUE1 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306026	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 86; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having not sent the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the **ATP** including the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **HLC**: LLC_VALUE1 (PIXIT) **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP HLC**: HLC_VALUE1 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306027	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 86; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N6, having not sent the ACM message, on receipt of a CONNECT message containing the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the **ATP** including the **HLC** set to HLC_VALUE1 and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **HLC**: LLC_VALUE1 (PIXIT) **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP HLC**: HLC_VALUE1 (PIXIT) **ATP progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306028	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 86; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N25, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and not having sent the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the CON message without the **ATP** including the **HLC**.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP no HLC**	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306029	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 86; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND Called party addressing information send only in the SETUP message [A.62/MCn.2.1]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and not having sent the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the CON message without the **ATP** including the **HLC**.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP no HLC**	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306030	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 86; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10])	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message with 2 **HLC** information elements set to HLC_VALUE1 and HLC_VALUE2 and not having sent the ACM message, on receipt of a CONNECT message without **HLC** information element, sends the CON message without the **ATP** including the **HLC**.	
ISDN Parameter values:	CONNECT; no **HLC**	
ISUP Parameter values:	IAM; **ATP HLC1**: HLC_VALUE1 (PIXIT) **ATP HLC2**: HLC_VALUE2 (PIXIT) CON; **ATP no HLC**	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306031	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	T reference [A.1/R.3.2] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2] AND Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N25, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the **ATP** including the **BC** set to BC_VALUE and the **TMU** set to USI_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CON; **ATP BC**: BC_VALUE ATP **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306032	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	T reference [A.1/R.3.2] AND Called party addressing information send only in the SETUP message [A.62/MCn.2.1] AND Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N9, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the **ATP** including the **BC** set to BC_VALUE and the **TMU** set to USI_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CON; **ATP BC**: BC_VALUE ATP **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP306033	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP reference: EN 300 899-1 [1], clause 3.1.1.6 table 85; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Connect Message (CON)/	
ISDN selection criteria:	T reference [A.1/R.3.2] AND Speech [A.111/ISn1.2.1] AND 3,1 kHz audio [A.111/R.3.2]	
ISUP selection criteria:	support signalling procedures for connection type allowing fallback ([A.13/10]) AND Speech [A.2/1] AND 3,1 kHz audio [A.2/2]	
Test purpose:	Ensure that the SUT in call state N6, having received the IAM message indicating BC fallback and having not sent the ACM message, on receipt of a CONNECT message with **BC** information element set to BC_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)" sends the CON message with the **ATP** including the **BC** set to BC_VALUE and the **TMU** set to USI_VALUE and the **progress indicator** set to "Interworking has occurred and has resulted in a telecommunication service change (#5)".	
ISDN Parameter values:	CONNECT; **BC**: BC_VALUE **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5)	
ISUP Parameter values:	IAM; **USI**: USI_VALUE **USI** prime: ISUP_VALUE **TMR**: 64 kbit/s preferred **TMR prime**: USI_VALUE CON; **ATP BC**: BC_VALUE ATP **progress indicator**: Interworking has occurred and has resulted in a telecommunication service change (#5) **TMU**: USI_VALUE	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

Values and additional selection criteria for test purposes TP306031 to TP306033		
VA_01	USI_VALUE: speech ISUP_VALUE: UDI/TA	BC_VALUE: speech
VA_02	USI_VALUE: 3.1 ISUP_VALUE: UDI/TA	BC_VALUE: 3.1

6.2.3.7 Receipt of the Release message (REL)

If tones/announcement are applied, a DISCONNECT message which is sent in state 10 shall contain a progress indicator #8. As an alternative, a PROGRESS message may be sent containing progress indicator #8.

TP307101	**ISDN reference:** **EN 300 403-1 [6], clause 5.2.5.3**	**ISUP reference:** **EN 300 899-1 [1], clause 3.1.1.7;** **ETS 300 356-1 [5], clause 2.2**
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message and on receipt REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP307102	**ISDN reference:** **EN 300 403-1 [6], clause 5.2.5.3**	**ISUP reference:** **EN 300 899-1 [1], clause 3.1.1.7;** **ETS 300 356-1 [5], clause 2.2**
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message , and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP SETUP ACKNOWLEDGE DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP307103	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, and on receipt of a SAM message followed by a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a INFORMATION message followed by a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; INFORMATION DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP307104	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** no indication REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP307105	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a **progress indicator** where the progress description value is set to PI_VALUE, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG message where the **Event indicator** is set to Progress and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress description**: PI_VALUE (PIXIT) DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** "no indication" CPG; **Event indicator:** Progress REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP307106	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** subscriber free REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP307107	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator:** no indication CPG; **Event indicator:** Alerting REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP307108	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a **progress indicator** where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to Progress, and on receipt of a ALERTING Message goes to state N7, sends out a CPG message where the **Event indicator** is set to Alerting and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** no indication CPG; **Event indicator:** Progress CPG; **Event indicator:** Alerting REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP307109	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	T reference point [A.1/R.3.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to Progress, and on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** no indication CPG; **Event indicator:** Alerting CPG; **Event indicator:** Progress REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP307110	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] OR Coincident S and T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the **CPS indicator** is set to "no indication" receives a CONNECT message, sends out an ANM message and on receipt of a REL message with the **Cause value** CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the **Cause value** CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; CONNECT; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** no indication ANM; REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP307111	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	T reference point [A.1/R.3.2] OR Coincident S and T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CONNECT message, sends out an CON message and on receipt of a REL message with the **Cause value** CV_ISUP, location LOC_ISUP sends a DISCONNECT message with the **Cause value** CV_ISDN, location LOC_ISDN	
ISDN Parameter values:	SETUP; CONNECT; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; CONNECT; REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP307202	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	Coincident S and T reference point [A.1/R.3.1] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message, and on receipt of a REL message with the **Cause value** CV_ISUP, location LOC_ISUP sends a RELEASE message with the **Cause value** CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP SETUP ACKNOWLEDGE RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> RELEASE ISDN	

TP307203	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	Coincident S and T reference point [A.1/R.3.1] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message and on receipt of a SAM message followed by a REL message with the **Cause value** CV_ISUP, location LOC_ISUP sends a INFORMATION message followed by a RELEASE message with the **Cause value** CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; INFORMATION RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> RELEASE ISDN	

TP307204	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	Coincident S and T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a REL message with the **Cause value** CV_ISUP, location LOC_ISUP sends a RELEASE message with the **Cause value** CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** no indication REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> RELEASE ISDN	

TP307205	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	Coincident S and T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a **progress indicator** where the progress description value is set to PI_VALUE, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG message where the **Event indicator** is set to Progress and on receipt of a REL message with the **Cause value** CV_ISUP, location LOC_ISUP sends a RELEASE message with the **Cause value** CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** "no indication" CPG; **Event indicator:** Progress REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> RELEASE ISDN	

TP307206	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	Coincident S and T reference point [A.1/R.3.1] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a REL message with the **Cause value** CV_ISUP, location LOC_ISUP sends a RELEASE message with the **Cause value** CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; ALERTING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** subscriber free REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> RELEASE ISDN	

TP307207	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	Coincident S and T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting and on receipt of a REL message with the **Cause value** CV_ISUP, location LOC_ISUP sends a RELEASE message with the **Cause value** CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator:** no indication CPG; **Event indicator:** Alerting REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> RELEASE ISDN	

TP307208	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	Coincident S and T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a **progress indicator** where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to Progress, and on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting and on receipt of a REL message with the **Cause value** CV_ISUP, location LOC_ISUP sends a RELEASE message with the **Cause value** CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) ALERTING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** no indication CPG; **Event indicator:** Progress CPG; **Event indicator:** Alerting REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> RELEASE ISDN	

TP307209	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	Coincident S and T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to Progress, and on receipt of a REL message with the **Cause value** CV_ISUP, location LOC_ISUP sends a RELEASE message with the **Cause value** CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; PROGRESS; **progress indicator** : PI_VALUE (PIXIT) RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** no indication CPG; **Event indicator:** Alerting CPG; **Event indicator:** Progress REL: **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> RELEASE ISDN	

TP307301	ISDN ref. to: EN 300 403-1 [6], clause 5.2.5.3	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.7; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	S/T reference point [A.1/R.3.1]	
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in state N9, having sent automatically the ACM message, on receipt of a REL message with the Cause value CV_ISUP, location LOC_ISUP sends a RELEASE message with the Cause value CV_ISDN, location LOC_ISDN.	
ISDN Parameter values:	DISCONNECT; cause value: CV_ISDN (PIXIT) location: LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL: cause value: CV_ISUP (PIXIT) location: LOC_ISUP (PIXIT)	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

6.2.3.8 Sending of a REL message (REL)

TP308011	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message and on receipt RELEASE COMPLETE message with the **Cause value** CV_ISDN, location LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308012	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message and on receipt RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308013	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message and on receipt DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP308021	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message , and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP SETUP ACKNOWLEDGE RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308022	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message and on receipt of a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP SETUP ACKNOWLEDGE RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308023	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP SETUP ACKNOWLEDGE DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP308031	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, on receipt of a SAM message sends a INFORMATION message and on receipt of a REL EASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP SETUP ACKNOWLEDGE INFORMATION REL EASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; SAM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308032	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, on receipt of a SAM message sends a INFORMATION message and on receipt of a REL EASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP SETUP ACKNOWLEDGE INFORMATION REL EASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; SAM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308033	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, on receipt of a SAM message sends a INFORMATION message and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; INFORMATION; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; SAM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP308041	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends a SETUP message, and receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP; **ISUP indicator:** ISUP is used all the way **ISDN access indicator:** ISDN, CALL PROCEEDING; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308042	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308043	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP308051	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a **progress indicator** PI_VALUE, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG message where the **Event indicator** is set to Progress and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** "no indication" CPG; **Event indicator:** Progress, **progress indicator** No.1 REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308052	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a **progress indicator** PI_VALUE, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG message where the **Event indicator** is set to Progress and on receipt of a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator:** "no indication" CPG; **Event indicator:** Progress; **progress indicator** No.1 REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308053	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a **progress indicator** PI_VALUE, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG message where the **Event indicator** is set to Progress and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	ACM; **CPS indicator:** "no indication" CPG; **Event indicator:** Progress; **progress indicator** No.1 REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP308061	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; ALERTING; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM;CPS indicator: subscriber free REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308062	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; ALERTING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM ACM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308063	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:	called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM ACM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP308071	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM, sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; CPG; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308072	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting and on receipt of a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; CPG; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308073	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; CPG; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP308081	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a **progress indicator** where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to Progress, and on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) ALERTING; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; CPG; CPG; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308082	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a **progress indicator** where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to Progress, and on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting and on receipt of a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) ALERTING; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; CPG; CPG; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308083	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a **progress indicator** where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to Progress, and on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) ALERTING; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; CPG; CPG; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP308091	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to Progress, and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; CPG; CPG; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308092	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to Progress, and on receipt of a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; PROGRESS; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; CPG; CPG; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308093	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to Alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to Progress, and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; CPG; CPG; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP308101	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM, sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM message where the **CPS indicator** is set to "no indication" receives a CONNECT message, sends out an ANM message and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; CALL PROCEEDING; CONNECT; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** no indication REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308102	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM message where the **CPS indicator** is set to "no indication" receives a CONNECT message, sends out an ANM message and on receipt of a RELEASE message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; CALL PROCEEDING; CONNECT; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** no indication REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308103	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM message where the **CPS indicator** is set to "no indication" receives a CONNECT message, sends out an ANM message and on receipt of a DISCONNECT message with the **Cause value** CV_ISDN, **location** LOC_ISDN sends a REL message with the **Cause value** CV_ISUP, **location** LOC_ISUP	
ISDN Parameter values:	SETUP; CALL PROCEEDING; CONNECT; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; ACM; **CPS indicator:** no indication REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP308111	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CONNECT message, sends out a CON message and on receipt of a RELEASE COMPLETE message with the **Cause value** CV_ISUP, **location** LOC_ISUP sends a REL message with the **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	SETUP; CONNECT; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; CONNECT; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308112	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM, sends out a SETUP message, receives a CONNECT message sends out a CON message and on receipt of a RELEASE message with the **Cause value** CV_ISUP, **location** LOC_ISUP sends a REL message with the **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	SETUP; CONNECT; RELEASE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; CONNECT; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308113	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM, sends out a SETUP message, receives a CONNECT message, sends out a CON message and on receipt of a DISCONNECT message with the **Cause value** CV_ISUP, **location** LOC_ISUP sends a REL message with the **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	SETUP; CONNECT; DISCONNECT; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; CONNECT; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP308121	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: EN 300 899-1 [1], clause A.2.2.3; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release message (REL)/	
ISDN selection criteria:	multipoint configuration[A.1/R7.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM, sends out a SETUP message via a broadcast data link, receives a RELEASE COMPLETE message with the **Cause value** CV_ISUP, **location** LOC_ISUP sends a REL message after time-out of **T303** with the **Cause value** CV_ISDN, **location** LOC_ISDN	
ISDN Parameter values:	SETUP; RELEASE COMPLETE; **cause value**: CV_ISDN (PIXIT) **location: LOC_ISDN (PIXIT)**	
ISUP Parameter values:	IAM; REL; **cause value**: CV_ISUP (PIXIT) **location**: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308131	ISDN ref. to: EN 300 403-1 [6], clause 5.2.5.3	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in state N6, having sent automatically the ACM message, on receipt RELEASE COMPLETE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	RELEASE COMPLETE; cause value: CV_ISDN (PIXIT) location: LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL; cause value: CV_ISUP (PIXIT) location: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP308132	ISDN ref. to: EN 300 403-1 [6], clause 5.2.5.3	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in state N6, having sent automatically the ACM message, on receipt RELEASE message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	RELEASE; cause value: CV_ISDN (PIXIT) location: LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL; cause value: CV_ISUP (PIXIT) location: LOC_ISUP (PIXIT)	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP308133	ISDN ref. to: EN 300 403-1 [6], clause 5.2.5.3	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.8; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Release message (REL)/	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in state N6, having sent automatically the ACM message, on receipt DISCONNECT message with the Cause value CV_ISDN, location LOC_ISDN sends a REL message with the Cause value CV_ISUP, location LOC_ISUP.	
ISDN Parameter values:	DISCONNECT; cause value: CV_ISDN (PIXIT) location: LOC_ISDN (PIXIT)	
ISUP Parameter values:	REL; cause value: CV_ISUP (PIXIT) location: LOC_ISUP (PIXIT)	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

6.2.3.9 Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented

6.2.3.9.1 Receipt of Reset Circuit message (RSC)

TP309001	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, having sent the ACM message, on receipt of a RSC message, sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal unspecified (31)	
ISUP Parameter values:	RSC	
Comments:	ISUP RSC -> SUT -> DISCONNECT ISDN	

TP309002	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, having sent the ACM message, on receipt of a RSC message, sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	RSC	
Comments:	ISUP RSC -> SUT -> DISCONNECT ISDN	

TP309003	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a RSC message, sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	RSC	
Comments:	ISUP RSC -> SUT -> DISCONNECT ISDN	

TP309004	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N25, on receipt of a RSC message, sends the DISCONNECT message	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	RSC	
Comments:	ISUP RSC -> SUT -> DISCONNECT ISDN	

TP309005	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of a RSC message, does not send the DISCONNECT message	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	RSC	
Comments:	ISUP RSC -> SUT -> DISCONNECT ISDN	

6.2.3.9.2 Receipt of Circuit Group Reset message (GRS)

TP309006	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, having sent the ACM message, on receipt of a GRS message , sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal unspecified (31)	
ISUP Parameter values:	GRS;	
Comments:	ISUP GRS -> SUT -> DISCONNECT ISDN	

TP309007	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, having sent the ACM message, on receipt of a GRS message, sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	GRS;	
Comments:	ISUP GRS -> SUT -> DISCONNECT ISDN	

TP309008	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a GRS message, sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	GRS;	
Comments:	ISUP GRS -> SUT -> DISCONNECT ISDN	

TP309009	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N25, on receipt of a GRS message, sends the DISCONNECT message	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	GRS;	
Comments:	ISUP GRS -> SUT -> DISCONNECT ISDN	

TP309010	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.9.3
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of a GRS message, does not send the DISCONNECT message	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	GRS;	
Comments:	ISUP GRS -> SUT -> DISCONNECT ISDN	

6.2.3.9.3 Receipt of Circuit Group blocking message (CGB) with the indication "hardware failure oriented"

TP309011	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.8.2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, having sent the ACM message, on receipt of a CGB message with the **Circuit group supervision message type** set to "hardware failure oriented", sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal unspecified (31)	
ISUP Parameter values:	CGB; **Circuit group supervision message type**: hardware failure oriented	
Comments:	ISUP CGB -> SUT -> DISCONNECT ISDN	

TP309012	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.8.2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, having sent the ACM message, on receipt of a CGB message with the **Circuit group supervision message type** set to "hardware failure oriented", sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	CGB; **Circuit group supervision message type**: hardware failure oriented	
Comments:	ISUP CGB -> SUT -> DISCONNECT ISDN	

TP309013	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.8.2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a CGB message with the **Circuit group supervision message type** set to "hardware failure oriented", sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	DISCONNECT; **cause value**: normal, unspecified (31)	
ISUP Parameter values:	CGB; **Circuit group supervision message type**: hardware failure oriented	
Comments:	ISUP CGB -> SUT -> DISCONNECT ISDN	

TP309014	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.8.2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N25, on receipt of a CGB message with the **Circuit group supervision message type** set to "hardware failure oriented", sends the DISCONNECT message with the **cause value** set to "normal, unspecified (31)"	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	CGB; **Circuit group supervision message type**: hardware failure oriented	
Comments:	ISUP CGB -> SUT ->	

TP309015	ISDN reference: EN 300 403-1 [6], clause 5.1	ISUP reference: EN 300 899-1 [1], clause 2.1.1.9; ETS 300 356-1 [5], clause 2.8.2.2
TSS reference:	ISUP-DSS1/Basic call/Receipt of Reset circuit message (RSC), Circuit group reset message (GRS) or Circuit group blocking message (CGB) with the indication hardware failure oriented	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in Idle state, on receipt of a CGB message with the **Circuit group supervision message type** set to "hardware failure oriented", does not send the DISCONNECT message	
ISDN Parameter values:	no DISCONNECT	
ISUP Parameter values:	CGB; **Circuit group supervision message type**: hardware failure oriented	
Comments:	ISUP CGB -> SUT ->	

6.2.3.10 DSS1 Data link reset and Data Link failure procedures

TP311001	ISDN reference: EN 300 403-1 [6], clause 5.8.8	ISUP reference: EN 300 899-1 [1], clause 3.1.1.10 table 22; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N25, on receipt of a data link reset primitive (DL-ESTABLISH-INDICATION) sends a DISCONNECT message with the **cause value** set to "temporary failure (41)" and sends a REL message with the **cause value** set to "temporary failure (41)";	
ISDN Parameter values:	DISCONNECT; **cause value**: temporary failure (41)	
ISUP Parameter values:	REL; **cause value**: temporary failure (41)	
Comments:	ISDN DL-ESTABLISH IND -> SUT -> REL ISUP -> DISCONNECT ISDN	

TP311002	ISDN reference: EN 300 403-1 [6], clause 5.8.8	ISUP reference: EN 300 899-1 [1], clause 3.1.1.10 table 22; ETS 300 356-1 [5], clause 2.1
TSS reference:	ISUP-DSS1/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, on receipt of a data link reset primitive (DL-ESTABLISH-INDICATION) does not send a DISCONNECT message and REL message	
ISDN Parameter values:		
ISUP Parameter values:		
Comments:	ISDN DL-ESTABLISH IND -> SUT ->	

TP311003	ISDN reference: EN 300 403-1 [6], clause 5.8.8	ISUP reference: EN 300 899-1 [1], clause 3.1.1.10 table 22; ETS 300 356-1 [5], clause 2.1
TSS reference:	ISUP-DSS1/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a data link reset primitive (DL-ESTABLISH-INDICATION) does not send a DISCONNECT message and REL message	
ISDN Parameter values:		
ISUP Parameter values:		
Comments:	ISDN DL-ESTABLISH IND -> SUT ->	

TP311004	ISDN reference: EN 300 403-1 [6], clause 5.8.8	ISUP reference: EN 300 899-1 [1], clause 3.1.1.10; ETS 300 356-1 [5], clause 2.1
TSS reference:	ISUP-DSS1/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a data link reset primitive (DL-ESTABLISH-INDICATION) does not send a DISCONNECT message and REL message	
ISDN Parameter values:		
ISUP Parameter values:		
Comments:	ISDN DL-ESTABLISH IND -> SUT ->	

TP311005	ISDN reference: EN 300 403-1 [6], clause 5.8.9	ISUP reference: EN 300 899-1 [1], clause 3.1.1.10; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N25, on receipt of a data link failure primitive (DL-RELEASE) sends a REL message with the **cause value** set to "destination out of order (27)" and does not send any DISCONNECT message but release the call internally.	
ISDN Parameter values:	DL-RELEASE	
ISUP Parameter values:	REL; **cause value**: destination out of order (27)	
Comments:	ISDN DL-RELEASE -> SUT -> REL ISUP	

TP311006	ISDN reference: EN 300 403-1 [6], clause 5.8.9	ISUP reference: EN 300 899-1 [1], clause 3.1.1.10; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, on receipt of a data link failure primitive (DL-RELEASE) sends a REL message with the **cause value** set to "destination out of order (27)" and does not send any DISCONNECT message but release the call internally.	
ISDN Parameter values:		
ISUP Parameter values:	REL; **cause value**: destination out of order (27)	
Comments:	ISDN DL-RELEASE -> SUT -> REL ISUP	

TP311007	ISDN reference: EN 300 403-1 [6], clause 5.8.9	ISUP reference: EN 300 899-1 [1], clause 3.1.1.10; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a data link failure primitive (DL-RELEASE) sends a REL message with the **cause value** set to "destination out of order (27)" and does not send any DISCONNECT message but release the call internally.	
ISDN Parameter values:	DL-RELEASE	
ISUP Parameter values:	REL; **cause value**: destination out of order (27)	
Comments:	ISDN DL-RELEASE -> SUT -> REL ISUP	

TP3011008	ISDN reference: EN 300 403-1 [6], clause 5.8.9	ISUP reference: EN 300 899-1 [1], clause 3.1.1.10; ETS 300 356-1 [5], clause 2.2
TSS reference:	ISUP-DSS1/Basic call/DSS1 Data link reset and Data Link failure procedures	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a data link failure primitive (DL-RELEASE), sends DL-ESTABLISH INDICATION primitive, after expire of timer T309 without data link re-establishment sends a REL message with the **cause value** set to "destination out of order (27)" and does not send any DISCONNECT message but release the call internally.	
ISDN Parameter values:	DL-RELEASE DL-ESTABLISH IND;	
ISUP Parameter values:	REL; **cause value**: destination out of order (27)	
Comments:	ISDN DL-RELEASE -> SUT -> REL ISUP	

6.2.3.11 Release by the exchange

TP312001	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.11 table 91; ETS 300 356-1 [5], clause 2.4.3
TSS reference:	ISUP-DSS1/Basic call/Release by the exchange/	
ISDN selection criteria:	point-to-point configuration [A.1/R.7.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, having sent the SETUP message, at expire of timer T303 without response to the SETUP message sends a REL message with the **cause parameter** set to "no user responding (18)" and a DISCONNECT message with the **cause information element** set to "recovery on timer expiry (102)".	
ISDN Parameter values:	SETUP; DISCONNECT; **Cause information element**: recovery on timer expiry (102)	
ISUP Parameter values:	IAM; REL; **Cause parameter**: no user responding (18)	
Comments:	SUT -> REL ISUP + DISCONNECT ISDN	

TP312002	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.11 table 91; ETS 300 356-1 [5], clause 2.4.3
TSS reference:	ISUP-DSS1/Basic call/Release by the exchange/	
ISDN selection criteria:	multipoint configuration [A.1/R.7.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, having sent the SETUP message via the broadcast data link, at expire of timer T303 without response to the SETUP message sends a REL message with the **cause parameter** set to "no user responding (18)" and does not send any message on the ISDN side.	
ISDN Parameter values:	SETUP;	
ISUP Parameter values:	IAM; REL; **Cause parameter**: no user responding (18)	
Comments:	SUT -> REL ISUP + RELEASE ISDN	

TP312003	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.11 table 91; ETS 300 356-1 [5], clause 2.4.3
TSS reference:	ISUP-DSS1/Basic call/Release by the exchange/	
ISDN selection criteria:	point-to-point configuration [A.1/R.7.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, having received the CALL PROCEEDING message, at expire of timer T310 without response to the CALL PROCEEDING message (no ALERTING, CONNECT, or DISCONNECT message) sends a REL message with the **cause parameter** set to "no user responding (18)" and a DISCONNECT message with the **cause information element** set to "recovery on timer expiry (102)".	
ISDN Parameter values:	SETUP; CALL PROCEEDING; DISCONNECT; **Cause information element**: recovery on timer expiry (102)	
ISUP Parameter values:	IAM; (ACM; message present in case of ISDN overlap sending) REL; **Cause parameter**: no user responding (18)	
Comments:	SUT -> REL ISUP + DISCONNECT ISDN	

TP312004	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.11 table 91; ETS 300 356-1 [5], clause 2.4.3
TSS reference:	ISUP-DSS1/Basic call/Release by the exchange/	
ISDN selection criteria:	multipoint configuration [A.1/R.7.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 in broadcast data link, having received the CALL PROCEEDING message, at expire of timer T310 without response to the CALL PROCEEDING message (no ALERTING, CONNECT, or DISCONNECT message) sends a REL message with the **cause parameter** set to "no user responding (18)" and a RELEASE message with the **cause information element** set to "recovery on timer expiry (102)".	
ISDN Parameter values:	SETUP; CALL PROCEEDING; RELEASE; **Cause information element**: recovery on timer expiry (102)	
ISUP Parameter values:	IAM; (ACM; message present in case of ISDN overlap sending) REL; **Cause parameter**: no user responding (18)	
Comments:	SUT -> REL ISUP + RELEASE ISDN	

TP312005	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.11 table 91; ETS 300 356-1 [5], clause 2.4.3
TSS reference:	ISUP-DSS1/Basic call/Release by the exchange/	
ISDN selection criteria:	point-to-point configuration [A.1/R.7.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, having received the ALERTING message, at expire of timer T301 without response to the ALERTING message (CONNECT, or DISCONNECT message) sends a REL message with the **cause parameter** set to "user alerting, no answer (19)" and a DISCONNECT message with the **cause information element** set to "recovery on timer expiry (102)".	
ISDN Parameter values:	SETUP; ALERTING; DISCONNECT; **Cause information element**: recovery on timer expiry (102)	
ISUP Parameter values:	IAM; ACM; REL; **Cause parameter**: user alerting, no answer (19)	
Comments:	SUT -> REL ISUP + DISCONNECT ISDN	

TP312006	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP reference: EN 300 899-1 [1], clause 3.1.1.11 table 91; ETS 300 356-1 [5], clause 2.4.3
TSS reference:	ISUP-DSS1/Basic call/Release by the exchange/	
ISDN selection criteria:	multipoint configuration [A.1/R.7.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 on broadcast data link, having received the ALERTING message, at expire of timer T301 without response to the ALERTING message (CONNECT, or DISCONNECT message) sends a REL message with the **cause parameter** set to "user alerting, no answer (19)" and a RELEASE message with the **cause information element** set to "recovery on timer expiry (102)".	
ISDN Parameter values:	SETUP; ALERTING; RELEASE; **Cause information element**: recovery on timer expiry (102)	
ISUP Parameter values:	IAM; ACM; REL; **Cause parameter**: user alerting, no answer (19)	
Comments:	SUT -> REL ISUP + RELEASE ISDN	

6.2.3.12 Receipt of the Release Complete message (RLC)

TP313101	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM where the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN", sends out a SETUP message and on receipt of the RLC message sends a DISCONNECT at the DSS1 side and a REL message at the ISUP side	
ISDN Parameter values:	SETUP DISCONNECT;	
ISUP Parameter values:	IAM; ISUP indicator: ISUP used all the way RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313102	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	T reference point [A.1/R.3.1] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM where the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN", sends out a SETUP message, receives a SETUP ACKNOWLEDGE message and on receipt of a REL message sends a DISCONNECT at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; DISCONNECT;	
ISUP Parameter values:	IAM; IAM; **ISUP indicator:** ISUP is used all the way **ISDN access indicator:** ISDN RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313103	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	T reference point [A.1/R.3.1] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, and on receipt of a SAM message followed by a RLC message sends a INFORMATION message followed by a DISCONNECT at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; INFORMATION DISCONNECT;	
ISUP Parameter values:	IAM; SAM; RLC; RE;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313104	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a RLC message sends a DISCONNECT at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; DISCONNECT;	
ISUP Parameter values:	IAM; ACM; RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313105	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a **progress indicator** where the progress description value is set to PI_VALUE, remains in state N9, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG and on receipt of a RLC message sends a DISCONNECT at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) DISCONNECT	
ISUP Parameter values:	IAM; ACM; CPG; **Event indicator:** progress RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313106	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	T reference point [A.1/R.3.1] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a RLC sends a DISCONNECT at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; ALERTING; DISCONNECT;	
ISUP Parameter values:	IAM; ACM; RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313107	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to alerting and on receipt of a RLC message, sends a DISCONNECT at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; DISCONNECT;	
ISUP Parameter values:	ACM; **CPS indicator:** no indication CPG; **Event indicator:** alerting RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313108	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a **progress indicator** where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to progress, and on receipt of a ALERTING Message goes to state N7, sends out a CPG message where the **Event indicator** is set to alerting and on receipt of a RLC message sends a DISCONNECT at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) ALERTING; DISCONNECT;	
ISUP Parameter values:	IAM; ACM; CPG; **Event indicator:** progress CPG; **Event indicator:** alerting RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313109	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	T reference point [A.1/R.3.1]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to progress, and on receipt of a RLC message sends a DISCONNECT at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; PROGRESS; **progress indicator** PI_VALUE (PIXIT) DISCONNECT;	
ISUP Parameter values:	IAM; **ISUP indicator:** ISUP is used all the way **ISDN access indicator:** ISDN ACM; **CPS indicator:** no indication CPG; **Event indicator:** alerting CPG; **Event indicator:** progress RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313110	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the **CPS indicator** is set to "no indication" receives a CONNECT message, sends out an ANM message and on receipt of a RLC message sends a DISCONNECT at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; CONNECT; DISCONNECT;	
ISUP Parameter values:	IAM; **ISUP indicator:** ISUP is used all the way **ISDN access indicator:** ISDN ACM; **CPS indicator:** no indication ANM; RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313111	ISDN reference: EN 300 403-1 [6], clause 5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CONNECT message, sends out an CON message and on receipt of a RLC message sends a DISCONNECT at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CONNECT; DISCONNECT;	
ISUP Parameter values:	IAM; **ISUP indicator:** ISUP is used all the way **ISDN access indicator:** ISDN CONNECT; RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313112	ISDN ref. to: EN 300 403-1 [6], clause 5.2.5.3	ISUP ref. to: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	T reference point [A.1/R.3.1]	
ISUP selection criteria:	PIXIT Automatic ACM	
Test purpose:	Ensure that the SUT in state N6, having sent automatically the ACM message, on receipt of the RLC message sends a DISCONNECT at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	RLC; REL;	
Comments:	ISUP RLC -> SUT -> DISCONNECT ISDN	

TP313202	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	Coincidence S T reference points [A.1/R.3.2] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM where the **ISUP indicator** is set to "ISUP is used all the way", the **ISDN access indicator** is set to "ISDN", sends out a SETUP message, receives a SETUP ACKNOWLEDGE message and on receipt of a REL message sends a RELEASE at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; RELEASE;	
ISUP Parameter values:	IAM; IAM; **ISUP indicator:** ISUP is used all the way **ISDN access indicator:** ISDN RLC; REL;	
Comments:	ISUP RLC -> SUT -> RELEASE ISDN	

TP313203	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	Coincidence S T reference points [A.1/R.3.2] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message receives a SETUP ACKNOWLEDGE message, and on receipt of a SAM message followed by a RLC message sends a INFORMATION message followed by a RELEASE at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; INFORMATION RELEASE;	
ISUP Parameter values:	IAM; SAM; RLC; RE;	
Comments:	ISUP RLC -> SUT -> RELEASE ISDN	

TP313204	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	Coincidence S T reference points [A.1/R.3.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication" and on receipt of a RLC message sends a RELEASE at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; RELEASE;	
ISUP Parameter values:	IAM; ACM; RLC; REL;	
Comments:	ISUP RLC -> SUT -> RELEASE ISDN	

TP313205	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	Coincidence S T reference points [A.1/R.3.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message followed by a PROGRESS message with a **progress indicator** where the progress description value is set to PI_VALUE, remains in state N9, sends out an ACM Message where the CPS indicator is set to "no indication" followed by a CPG and on receipt of a RLC message sends a RELEASE at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) RELEASE	
ISUP Parameter values:	IAM; ACM; CPG; **Event indicator:** progress RLC; REL;	
Comments:	ISUP RLC -> SUT -> RELEASE ISDN	

TP313206	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	Coincidence S T reference points [A.1/R.3.2] AND called party addressing information split across, and send in, SETUP and INFORMATION messages [A.62/MCn2.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a SETUP ACKNOWLEDGE message followed by a ALERTING message, sends out an ACM Message where the CPS indicator is set to "subscriber free" and on receipt of a RLC sends a RELEASE at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; SETUP ACKNOWLEDGE; ALERTING; RELEASE;	
ISUP Parameter values:	IAM; ACM; RLC; REL;	
Comments:	ISUP RLC -> SUT -> RELEASE ISDN	

TP313207	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	Coincidence S T reference points [A.1/R.3.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to alerting and on receipt of a RLC message, sends a RELEASE at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; RELEASE;	
ISUP Parameter values:	ACM; **CPS indicator:** no indication CPG; **Event indicator:** alerting RLC; REL;	
Comments:	ISUP RLC -> SUT -> RELEASE ISDN	

TP313208	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	Coincidence S T reference points [A.1/R.3.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", receives a PROGRESS message with a **progress indicator** where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to progress, and on receipt of a ALERTING Message goes to state N7, sends out a CPG message where the **Event indicator** is set to alerting and on receipt of a RLC message sends a RELEASE at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; PROGRESS; **progress indicator**: PI_VALUE (PIXIT) ALERTING; RELEASE;	
ISUP Parameter values:	IAM; ACM; CPG; **Event indicator:** progress CPG; **Event indicator:** alerting RLC; REL;	
Comments:	ISUP RLC -> SUT -> RELEASE ISDN	

TP313209	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP reference: ETS 300 356-1 [5], clause 2.9.5.1
TSS reference:	ISUP-DSS1/Basic call/Receipt of the Release Complete message (RLC)	
ISDN selection criteria:	Coincidence S T reference points [A.1/R.3.2]	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT after receiving the IAM sends out a SETUP message, receives a CALL PROCEEDING message, sends out an ACM Message where the CPS indicator is set to "no indication", on receipt of a ALERTING Message, sends out a CPG message where the **Event indicator** is set to alerting, on receipt of a PROGRESS message where the progress description value is set to PI_VALUE, sends out a CPG message where the **Event indicator** is set to progress, and on receipt of a RLC message sends a RELEASE at the DSS1 side and a REL message at the ISUP side.	
ISDN Parameter values:	SETUP; CALL PROCEEDING; ALERTING; PROGRESS; **progress indicator** PI_VALUE (PIXIT) RELEASE;	
ISUP Parameter values:	IAM; **ISUP indicator:** ISUP is used all the way **ISDN access indicator:** ISDN ACM; **CPS indicator:** no indication CPG; **Event indicator:** alerting CPG; **Event indicator:** progress RLC; REL;	
Comments:	ISUP RLC -> SUT -> RELEASE ISDN	

6.2.4 Procedures for point-to-multipoint configurations with more than one terminal attached

For this group, an additional PTC3 is connected to the same basic access as the PTC1. Thus messages that are sent to the PTC1 via the broadcast data link will be received at PTC3 via PCO L3 as well. Both the PTC1 and PTC3 will send messages on the same access using the same call reference value. A distinction between the two message flows related to the PCOs L1 and L3 can still be made, as they use different data link entities. This distinction between the two parallel test components is expressed by mentioning the Connection Endpoint Suffix (CES) on which the single messages are sent. CES1 is related to the PTC1, CES2 is related to PTC3.

6.2.4.1 Sending of the Call progress message (CPG)

From Call state N09.

TP314001	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received a CALL PROCEEDING message for CES1 without any Progress indicator element, on receipt of a CALL PROCEEDING message for CES2 without Progress indicator element, sends no message.	
ISDN1 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISDN2 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISUP Parameter values:		
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP314002	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received of a CALL PROCEEDING message for CES1 without progress indicator element, on receipt of a CALL PROCEEDING message for CES2 with the **progress indicator** set to PI_VALUE, sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISDN2 Parameter values:	CALL PROCEEDING; **progress indicator**: PI_VALUE;	
ISUP Parameter values:	CPG; **event indicator**: Progress **ATP progress indicator**: PI_VALUE	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314002	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Destination address is non-ISDN (#2)

TP314003	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received a CALL PROCEEDING message for CES1 without progress indicator element, on receipt of a CALL PROCEEDING message for CES2 with the **progress indicator** set to PI_VALUE, sends no message.	
ISDN1 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISDN2 Parameter values:	CALL PROCEEDING; **progress indicator**: PI_VALUE;	
ISUP Parameter values:		
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314003	
VA_01	PI_VALUE = Originating address is non-ISDN (#3)
VA_02	PI_VALUE = Call has returned to the ISDN (#4)
VA_03	PI_VALUE = In-band information or appropriate pattern now available (#8)

TP314004	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received a CALL PROCEEDING message for CES1 without progress indicator element, on receipt of a CALL PROCEEDING message without **progress indicator** element followed by a PROGRESS message for CES2 with the **progress indicator** set to PI_VALUE, sends the CPG message with the **event indicator** set to "Progress" and ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISDN2 Parameter values:	CALL PROCEEDING: no **progress indicator**; PROGRESS; **progress indicator**: PI_VALUE	
ISUP Parameter values:	CPG; **event indicator**: "Progress" **ATP progress indicator**: PI_VALUE	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314004	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Destination address is non-ISDN (#2)
VA_03	PI_VALUE = Call has returned to the ISDN (#4)

TP314005	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received a CALL PROCEEDING message for CES1 without progress indicator element, on receipt of a CALL PROCEEDING message without **progress indicator** element followed by a PROGRESS message for CES2 with the **progress indicator** set to PI_VALUE, sends no message.	
ISDN1 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISDN2 Parameter values:	CALL PROCEEDING: no **progress indicator**; PROGRESS; **progress indicator**: PI_VALUE;	
ISUP Parameter values:		
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314005	
VA_01	PI_VALUE = Originating address is non-ISDN (#3)
VA_02	PI_VALUE = In-band information or appropriate pattern now available (#8)

TP314006	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received a CALL PROCEEDING message for CES1 without progress indicator element, on receipt of an ALERTING message for CES2 without progress indicator element, sends the CPG message with the **event indicator** set to "alerting".	
ISDN1 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISDN2 Parameter values:	ALERTING: no **progress indicator**;	
ISUP Parameter values:	CPG; **event indicator**: "alerting"	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP314007	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received a CALL PROCEEDING message for CES1 without progress indicator element, on receipt of an ALERTING message for CES2 with the **progress indicator** set to "in-band information or appropriate pattern now available (#8)", sends the CPG message with the **event indicator** set to "alerting".	
ISDN1 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISDN2 Parameter values:	ALERTING; **progress indicator**: "in-band information or appropriate pattern now available (#8)";	
ISUP Parameter values:	CPG; **event indicator**: "alerting"	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP314008	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received a CALL PROCEEDING message for CES1 without progress indicator element, on receipt of an ALERTING message for CES2 with the **progress indicator** set to PI_VALUE , sends the CPG message with the **event indicator** set to "alerting" and the ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISDN2 Parameter values:	ALERTING: PI_VALUE	
ISUP Parameter values:	CPG; **event indicator**: "alerting" **ATP progress indicator**: PI_VALUE	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314008	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Destination address is non-ISDN (#2)
VA_03	PI_VALUE = Call has returned to the ISDN (#4)

TP314009	**ISDN reference:** **EN 300 403-1 [6], clause 5.2.5**	**ISUP ref. to:** **EN 300 899-1 [1], clause 3.1.1.4;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:	PIXIT automatic ACM	
Test purpose:	Ensure that the SUT in call state N6, having automatically sent the ACM message, on receipt of a CALL PROCEEDING message for CES1 with the **progress indicator** set to "Call is not end-to-end ISDN (#1)" and of a CALL PROCEEDING message for CES2 with the **progress indicator** set to "Destination address is non-ISDN (#2)", sends a CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to "Call is not end-to-end ISDN (#1)" and sends a CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to "Destination address is non-ISDN (#2)".	
ISDN1 Parameter values:	CALL PROCEEDING; **progress indicator**: Call is not end-to-end ISDN (#1)	
ISDN2 Parameter values:	CALL PROCEEDING; **progress indicator**: Destination address is non-ISDN (#2)	
ISUP Parameter values:	CPG; **event indicator**: "progress" **ATP progress indicator**: Destination address is non-ISDN (#2)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP314010	**ISDN reference:** **EN 300 403-1 [6], clause 5.2.5**	**ISUP ref. to:** **EN 300 899-1 [1], clause 3.1.1.4;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message on receipt of a CALL PROCEEDING message for CES1 with the **progress indicator** set to "Call is not end-to-end ISDN (#1)", on receipt of a CALL PROCEEDING message for CES2 with the **progress indicator** set to "Destination address is non-ISDN (#2)", sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to "Destination address is non-ISDN (#2)".	
ISDN1 Parameter values:	CALL PROCEEDING; **progress indicator**: Call is not end-to-end ISDN (#1)	
ISDN2 Parameter values:	CALL PROCEEDING; **progress indicator**: Destination address is non-ISDN (#2)	
ISUP Parameter values:	CPG; **event indicator**: "progress" **ATP progress indicator**: Destination address is non-ISDN (#2)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP314011	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:	PIXIT automatic ACM	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N6, having sent automatically the ACM message, on receipt of a CALL PROCEEDING message for CES1 with the **progress indicator** set to "Destination address is non-ISDN (#2)" and a CALL PROCEEDING message without **progress indicator** element followed by a PROGRESS message for CES2 with the **progress indicator** set to PI_VALUE, sends a CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to "Destination address is non-ISDN (#2)" and sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	CALL PROCEEDING; **progress indicator**: Destination address is non-ISDN (#2)	
ISDN2 Parameter values:	CALL PROCEEDING: no **progress indicator**; PROGRESS; **progress indicator**: PI_VALUE;	
ISUP Parameter values:	CPG; **event indicator**: "progress" **ATP progress indicator**: PI_VALUE	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP314012	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message on receipt of a CALL PROCEEDING message for CES1 with the **progress indicator** set to "Destination address is non-ISDN (#2)", on receipt of a CALL PROCEEDING message without **progress indicator** element followed by a PROGRESS message for CES2 with the **progress indicator** set to PI_VALUE, sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	CALL PROCEEDING; **progress indicator**: Destination address is non-ISDN (#2)	
ISDN2 Parameter values:	CALL PROCEEDING: no **progress indicator**; PROGRESS; **progress indicator**: PI_VALUE;	
ISUP Parameter values:	CPG; **event indicator**: "progress" **ATP progress indicator**: PI_VALUE	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314011 and TP314012	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Call has returned to the ISDN (#4)

From Call state N07.

TP314013	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 without **progress indicator** element, on receipt of a CALL PROCEEDING message for CES2 without **progress indicator**, sends no message.	
ISDN1 Parameter values:	ALERTING; no **progress indicator**;	
ISDN2 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISUP Parameter values:		
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP314014	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 without **progress indicator** element, on receipt of an ALERTING message for CES2 without **progress indicator**, sends no message.	
ISDN1 Parameter values:	ALERTING; no **progress indicator**;	
ISDN2 Parameter values:	ALERTING: no **progress indicator**;	
ISUP Parameter values:		
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP314015	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 without **progress indicator** element, on receipt of an ALERTING message for CES2 with the **progress indicator** set to PI_VALUE, sends no message.	
ISDN1 Parameter values:	ALERTING; no **progress indicator**;	
ISDN2 Parameter values:	ALERTING; **progress indicator**: PI_VALUE;	
ISUP Parameter values:		
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314015	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Destination address is non-ISDN (#2)
VA_03	PI_VALUE = Call has returned to the ISDN (#4)
VA_04	PI_VALUE = In-band information or appropriate pattern now available (#8)

TP314016	**ISDN reference:** **EN 300 403-1 [6], clause 5.2.5**	**ISUP ref. to:** **EN 300 899-1 [1], clause 3.1.1.4;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 without **progress indicator** element, on receipt of a CALL PROCEEDING message for CES2 with the **progress indicator** set to PI_VALUE, sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	ALERTING: no **progress indicator**;	
ISDN2 Parameter values:	CALL PROCEEDING; **progress indicator**: PI_VALUE;	
ISUP Parameter values:	CPG; **event indicator**: Progress **ATP progress indicator**: PI_VALUE	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314016	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Destination address is non-ISDN (#2)

TP314017	**ISDN reference:** **EN 300 403-1 [6], clause 5.2.5**	**ISUP ref. to:** **EN 300 899-1 [1], clause 3.1.1.4;** **ETS 300 356-1 [5], clause 2.1.4**
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 without **progress indicator** element, on receipt of a CALL PROCEEDING message for CES2 with the **progress indicator** set to PI_VALUE, sends no message.	
ISDN1 Parameter values:	ALERTING: no **progress indicator**;	
ISDN2 Parameter values:	CALL PROCEEDING; **progress indicator**: PI_VALUE;	
ISUP Parameter values:		
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314017	
VA_01	PI_VALUE = Originating address is non-ISDN (#3)
VA_02	PI_VALUE = Call has returned to the ISDN (#4)
VA_03	PI_VALUE = In-band information or appropriate pattern now available (#8)

TP314018	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 without **progress indicator** element, on receipt of a CALL PROCEEDING message followed by a PROGRESS message for CES2 with the **progress indicator** set to PI_VALUE, sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	ALERTING: no **progress indicator**;	
ISDN2 Parameter values:	CALL PROCEEDING: no **progress indicator**; PROGRESS; **progress indicator**: PI_VALUE;	
ISUP Parameter values:	CPG; **event indicator**: Progress **ATP progress indicator**: PI_VALUE	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314018	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Destination address is non-ISDN (#2)

TP314019	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 without **progress indicator** element, on receipt of a CALL PROCEEDING message without **progress indicator** element followed by a PROGRESS message for CES2 with the **progress indicator** set to PI_VALUE, sends no message.	
ISDN1 Parameter values:	ALERTING: no **progress indicator**;	
ISDN2 Parameter values:	CALL PROCEEDING: no **progress indicator**; PROGRESS; **progress indicator**: PI_VALUE;	
ISUP Parameter values:		
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314019	
VA_01	PI_VALUE = Originating address is non-ISDN (#3)
VA_02	PI_VALUE = Call has returned to the ISDN (#4)
VA_03	PI_VALUE = In-band information or appropriate pattern now available (#8)

TP314020	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 without **progress indicator** element, on receipt of a ALERTING message without **progress indicator** element followed by a PROGRESS message for CES2 with the **progress indicator** set to PI_VALUE, sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	ALERTING: without any **progress indicator**;	
ISDN2 Parameter values:	ALERTING: no **progress indicator**; PROGRESS; **progress indicator**: PI_VALUE;	
ISUP Parameter values:	CPG; **event indicator**: Progress **ATP progress indicator**: PI_VALUE	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314020	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Destination address is non-ISDN (#2)

TP314021	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 without **progress indicator** element, on receipt of a ALERTING message without **progress indicator** element followed by a PROGRESS message for CES2 with the **progress indicator** set to PI_VALUE, sends no message.	
ISDN1 Parameter values:	ALERTING: no **progress indicator**;	
ISDN2 Parameter values:	ALERTING: no **progress indicator**; PROGRESS; **progress indicator**: PI_VALUE;	
ISUP Parameter values:		
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314021	
VA_01	PI_VALUE = Originating address is non-ISDN (#3)
VA_02	PI_VALUE = Call has returned to the ISDN (#4)
VA_03	PI_VALUE = In-band information or appropriate pattern now available (#8)

TP314022	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 with the **progress indicator** set to "Call is not end-to-end ISDN (#1)", on receipt of a CALL PROCEEDING message for CES2 with the **progress indicator** set to "Destination address is non-ISDN (#2)", sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to "Destination address is non-ISDN (#2)".	
ISDN1 Parameter values:	ALERTING; **progress indicator**: Call is not end-to-end ISDN (#1)	
ISDN2 Parameter values:	CALL PROCEEDING; **progress indicator**: Destination address is non-ISDN (#2)	
ISUP Parameter values:	CPG; **event indicator**: "progress" **ATP progress indicator**: Destination address is non-ISDN (#2)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP314023	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 with the **progress indicator** set to "Destination address is non-ISDN (#2)", on receipt of a CALL PROCEEDING message without **progress indicator** element followed by a PROGRESS message for CES2 with the **progress indicator** set to PI_VALUE, sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	ALERTING; **progress indicator**: Destination address is non-ISDN (#2)	
ISDN2 Parameter values:	CALL PROCEEDING: no **progress indicator**; PROGRESS; **progress indicator**: PI_VALUE;	
ISUP Parameter values:	CPG; **event indicator**: "progress" **ATP progress indicator**: PI_VALUE	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314023	
VA_01	PI_VALUE = Call is not end-to-end ISDN (#1)
VA_02	PI_VALUE = Call has returned to the ISDN (#4)

TP314024	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.4; ETS 300 356-1 [5], clause 2.1.4
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the CPG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 with the **progress indicator** set to "Call is not end-to-end ISDN (#1)", on receipt of a CALL PROCEEDING message without **progress indicator** element followed by a PROGRESS message for CES2 with the **progress indicator** set to PI_VALUE, sends the CPG message with the **event indicator** set to "Progress" and the ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	ALERTING; **progress indicator**: Call is not end-to-end ISDN (#1)	
ISDN2 Parameter values:	CALL PROCEEDING: no **progress indicator**; PROGRESS; **progress indicator**: PI_VALUE;	
ISUP Parameter values:	CPG; **event indicator**: "progress" **ATP progress indicator**: PI_VALUE	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Values and additional selection criteria for test purposes TP314024	
VA_01	PI_VALUE = Destination address is non-ISDN (#2)
VA_02	PI_VALUE = Call has returned to the ISDN (#4)

6.2.4.2 Sending of the Answer message (ANM)

From Call state N09.

TP315001	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the ANM	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received a CALL PROCEEDING message for CES1 without any Progress indicator element, on receipt of a CONNECT message for CES2, sends an ANM message.	
ISDN1 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISDN2 Parameter values:	CONNECT;	
ISUP Parameter values:	ANM;	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP315002	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 table 77; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the ANM	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received a CALL PROCEEDING message for CES1 without any Progress indicator element, on receipt of a CONNECT message with the **progress indicator** set to PI_VALUE for CES2, sends an ANM message with ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	CALL PROCEEDING: no **progress indicator**;	
ISDN2 Parameter values:	CONNECT; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP315003	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 table 77; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the ANM	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received a CALL PROCEEDING message for CES1, on receipt of a CONNECT message with the **low layer capability** set to LLC_VALUE for CES2, sends an ANM message with ATP containing the **low layer capability** set to LLC_VALUE.	
ISDN1 Parameter values:	CALL PROCEEDING;	
ISDN2 Parameter values:	CONNECT; **LLC**: LLC_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP LLC**: LLC_VALUE (PIXIT)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

From Call state N07.

TP315004	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the ANM	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 without any Progress indicator element, on receipt of a CONNECT message for CES2, sends an ANM message.	
ISDN1 Parameter values:	ALERTING: no **progress indicator**;	
ISDN2 Parameter values:	CONNECT;	
ISUP Parameter values:	ANM;	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP315005	ISDN reference: EN 300 403-1 [6], clause 5.2	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 table 77; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the ANM	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1 without any Progress indicator element, on receipt of a CONNECT message with the **progress indicator** set to PI_VALUE for CES2, sends an ANM message with ATP containing the **progress indicator** set to PI_VALUE.	
ISDN1 Parameter values:	ALERTING: no **progress indicator**;	
ISDN2 Parameter values:	CONNECT; **progress indicator**: PI_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP progress indicator**: PI_VALUE (PIXIT)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP315006	ISDN reference: EN 300 403-1 [6], clause 5.2.5	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.5 table 77; ETS 300 356-1 [5], clause 2.1.7
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Sending of the ANM	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1, on receipt of a CONNECT message with the **low layer capability** set to LLC_VALUE for CES2, sends an ANM message with ATP containing the **low layer capability** set to LLC_VALUE.	
ISDN1 Parameter values:	ALERTING;	
ISDN2 Parameter values:	CONNECT; **LLC**: LLC_VALUE (PIXIT)	
ISUP Parameter values:	ANM; **ATP LLC**: LLC_VALUE (PIXIT)	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

6.2.4.3 Receipt of call clearing messages during call establishment

Call state N06.

TP316001	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.8
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Call clearing	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N6, on receipt of a RELEASE COMPLETE message for CES1 with **cause value** "user busy #17", on receipt of a RELEASE COMPLETE message for CES2 with **cause value** "call rejected #21", sends a REL message with **cause value** "user busy #17".	
ISDN1 Parameter values:	RELEASE COMPLETE: **cause value**: user busy #17;	
ISDN2 Parameter values:	RELEASE COMPLETE: **cause value**: call rejected #21;	
ISUP Parameter values:	REL: **cause value**: user busy #17;	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Call state N09.

TP316002	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.8
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Call clearing	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received a CALL PROCEEDING message for CES1, on receipt of a RELEASE COMPLETE message for CES2, sends no message.	
ISDN1 Parameter values:	CALL PROCEEDING;	
ISDN2 Parameter values:	RELEASE COMPLETE;	
ISUP Parameter values:		
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP316003	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.8
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Call clearing	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N9, having sent the ACM message and having received CALL PROCEEDING messages for CES1 and CES2, on receipt of a DISCONNECT message with **cause value** "user busy #17" for CES2 followed by a DISCONNECT message with **cause value** "call rejected #21" for CES1, sends a REL message with **cause value** "user busy #17".	
ISDN1 Parameter values:	CALL PROCEEDING; DISCONNECT: **cause value**: call rejected #21;	
ISDN2 Parameter values:	CALL PROCEEDING; DISCONNECT: **cause value**: user busy #17;	
ISUP Parameter values:	REL: **cause value**: user busy #17;	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

Call state N07.

TP316004	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.8
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Call clearing	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1, on receipt of a RELEASE COMPLETE message for CES2, sends no message.	
ISDN1 Parameter values:	CALL PROCEEDING;	
ISDN2 Parameter values:	RELEASE COMPLETE;	
ISUP Parameter values:		
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP316005	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.8
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Call clearing	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1, on receipt of a CALL PROCEEDING message followed by a DISCONNECT message with **cause value** "user busy #17" for CES2, and on receipt of a DISCONNECT message with **cause value** "call rejected #21" for CES1, sends a REL message with **cause value** "call rejected #21".	
ISDN1 Parameter values:	CALL PROCEEDING; DISCONNECT: **cause value**: call rejected #21;	
ISDN2 Parameter values:	CALL PROCEEDING; DISCONNECT: **cause value**: user busy #17;	
ISUP Parameter values:	REL: **cause value**: call rejected #21;	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP316006	ISDN reference: EN 300 403-1 [6], clause 5.2.5.3	ISUP ref. to: EN 300 899-1 [1], clause 3.1.1.8
TSS reference:	ISUP-DSS1/Basic call/Point-to-multipoint configuration/Call clearing	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in call state N7, having sent the ACM message, and having sent the CPG message on receipt of an ALERTING message for CES1, on receipt of an ALERTING message followed by a DISCONNECT message with **cause value** "user busy #17" for CES2, and on receipt of a DISCONNECT message with **cause value** "call rejected #21" for CES1, sends a REL message with **cause value** "call rejected #21".	
ISDN1 Parameter values:	CALL PROCEEDING; DISCONNECT: **cause value**: call rejected #21;	
ISDN2 Parameter values:	CALL PROCEEDING; DISCONNECT: **cause value**: user busy #17;	
ISUP Parameter values:	REL: **cause value**: call rejected #21;	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

6.2.5 Interworking from ISUP to Non-ISDN (Incoming Call)

6.2.5.1 Sending of the Ringing

TP401001	ISUP reference: EN 300 899-1 [1], clause 3.2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the Ringing
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on receipt of the IAM message containing all the information required to go on with the call sends a call set-up indication
ISUP Parameter values:	IAM;
Comments:	

TP401002	ISUP reference: EN 300 899-1 [1], clause 3.2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the Ringing
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on receipt of the IAM message containing all the information required to go on with the call and the **connection indicator** set to "continuity check required on this circuit" does not send the call set-up indication until is has received the COT message with the **continuity indicator** set to "continuity check successful".
ISUP Parameter values:	IAM; **connection indicator**: continuity check required on this circuit COT; **continuity indicator**: continuity check successful
Comments:	

TP401003	ISUP reference: EN 300 899-1 [1], clause 3.2.1.1
TSS reference:	ISUP-DSS1/Basic call/Sending of the Ringing
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on receipt of the IAM message containing all the information required to go on with the call and the **connection indicator** set to "continuity check required on a previous circuit" does not send the call set-up indication until is has received the COT message with the **continuity indicator** set to "continuity check successful".
ISUP Parameter values:	IAM; **connection indicator**: continuity check required on a previous circuit COT; **continuity indicator**: continuity check successful
Comments:	

6.2.5.2 Receipt of the Subsequent address message (SAM)

TP402001	ISUP reference: EN 300 899-1 [1], clause 3.2.1.2
TSS reference:	ISUP-DSS1/Basic call/Sending of the Ringing
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on receipt of the IAM message followed by SAM messages containing all the information required to go on with the call sends a call set-up indication
ISUP Parameter values:	IAM; SAM
Comments:	

6.2.5.3 Sending of the Address complete message (ACM)

TP403001	ISUP reference: EN 300 899-1 [1], clause 3.2.1.3
TSS reference:	ISUP-DSS1/Basic call/Sending of the Ringing
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on detection that the complete called party number has been received sends an ACM message with the **CPS indicator** set to "no indication", the **Interworking indicator** set to "no interworking encountered", the **ISUP indicator** set to "ISUP used all the way", the **ISDN access indicator** set to "non-ISDN"
ISUP Parameter values:	ACM; **CPS indicator:** no indication **Interworking indicator:** no interworking encountered **ISUP indicator:** ISUP used all the way **ISDN access indicator:** non-ISDN
Comments:	

TP403002	ISUP reference: EN 300 899-1 [1], clause 3.2.1.3
TSS reference:	ISUP-DSS1/Basic call/Sending of the Ringing
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on detection that the subscribed is free sends an ACM message with the **CPS indicator** set to "subscriber free", the **Interworking indicator** set to "no interworking encountered", the **ISUP indicator** set to "ISUP used all the way", the **ISDN access indicator** set to "non-ISDN"
ISUP Parameter values:	ACM; **CPS indicator:** subscriber free **Interworking indicator:** no interworking encountered **ISUP indicator:** ISUP used all the way **ISDN access indicator:** non-ISDN
Comments:	

TP403003	ISUP reference: EN 300 899-1 [1], clause 3.2.1.3
TSS reference:	ISUP-DSS1/Basic call/Sending of the Ringing
ISUP selection criteria:	
Test purpose:	Ensure that the SUT on detection in case of call failure that a special in-band tone or announcement has to be returned to the calling party sends an ACM message with the **CPS indicator** set to "no indication", the **Interworking indicator** set to "no interworking encountered", the **ISUP indicator** set to "ISUP used all the way", the **ISDN access indicator** set to "non-ISDN" and the **OBCI in-band** set to "in-band information or an appropriate pattern is now available"
ISUP Parameter values:	ACM; **CPS indicator:** no indication **Interworking indicator:** no interworking encountered **ISUP indicator:** ISUP used all the way **ISDN access indicator:** non-ISDN **OBCI in-band:** in-band information or an appropriate pattern is now available
Comments:	

6.2.5.4 Sending of the Call progress message (CPG)

TP404001	ISUP reference: EN 300 899-1 [1], clause 3.2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call progress message (CPG)
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the ACM message, on detection that the subscriber is free sends a CPG message with **event information** set to "Alerting"
ISUP Parameter values:	CPG; **event information:** Alerting
Comments:	

TP404002	ISUP reference: EN 300 899-1 [1], clause 3.2.1.4
TSS reference:	ISUP-DSS1/Basic call/Sending of the Call progress message (CPG)
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the ACM message, on detection that an in-band tone or announcement has to be returned to the calling party sends a CPG message with **event information** set to "in-band information or an appropriate pattern is now available"
ISUP Parameter values:	CPG; **event information:** in-band information or an appropriate pattern is now available
Comments:	

6.2.5.5 Sending of the answer message (ANM)

TP405001	ISUP reference: EN 300 899-1 [1], clause 3.2.1.5
TSS reference:	ISUP-DSS1/Basic call/Sending of the answer message (ANM)
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the ACM message, on detection of the Off-hook condition on the non-ISDN side sends a ANM message
ISUP Parameter values:	ANM;
Comments:	

6.2.5.6 Receipt of the Release message (REL)

TP406001	ISUP reference: EN 300 899-1 [1], clause 3.2.1.6
TSS reference:	ISUP-NON ISDN/Basic call/Receipt of the Release message (REL
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the IAM message, on receipt of the REL message sends a the message indicating the release procedure
ISUP Parameter values:	IAM; REL;
Comments:	

TP406002	ISUP reference: EN 300 899-1 [1], clause 3.2.1.6
TSS reference:	ISUP-NON ISDN/Basic call/Receipt of the Release message (REL
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the SAM message, on receipt of the REL message sends a the message indicating the release procedure
ISUP Parameter values:	SAM; REL;
Comments:	

TP406003	ISUP reference: EN 300 899-1 [1], clause 3.2.1.6
TSS reference:	ISUP-NON ISDN/Basic call/Receipt of the Release message (REL
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the ACM message, on receipt of the REL message sends a the message indicating the release procedure
ISUP Parameter values:	IAM; ACM; REL;
Comments:	

TP406004	ISUP reference: EN 300 899-1 [1], clause 3.2.1.6
TSS reference:	ISUP-NON ISDN/Basic call/Receipt of the Release message (REL
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the CPG message, on receipt of the REL message sends a the message indicating the release procedure
ISUP Parameter values:	IAM; CPG; REL;
Comments:	

TP406005	ISUP reference: EN 300 899-1 [1], clause 3.2.1.6
TSS reference:	ISUP-NON ISDN/Basic call/Receipt of the Release message (REL
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, having sent the ANM message, on receipt of the REL message sends a the message indicating the release procedure
ISUP Parameter values:	IAM; ANM; REL;
Comments:	

6.2.5.7 Sending of the Suspend message (SUS) network initiated

TP407001	ISUP reference: EN 300 899-1 [1], clause 3.2.1.7
TSS reference:	ISUP-NON ISDN/Basic call/Sending of the Suspend message (SUS) network initiated
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, during the conversation/data phase, on receipt of the on-hook condition sends the SUS message
ISUP Parameter values:	SUS;
Comments:	

6.2.5.8 Sending of the Resume message (RES) network initiated

TP408001	ISUP reference: EN 300 899-1 [1], clause 3.2.1.8
TSS reference:	ISUP-NON ISDN/Basic call/Sending of the Resume message (RES) network initiated
ISUP selection criteria:	
Test purpose:	Ensure that the SUT, during the conversation/data phase having sent the SUS message, on receipt of the off-hook condition sends the RES message
ISUP Parameter values:	SUS; RES;
Comments:	

6.3 Test purposes for the Supplementary Services

6.3.1 Interworking from DSS1 to ISUP (Outgoing Call)

6.3.1.1 Calling Line Identification Presentation (CLIP)

ISDN selection criteria: CLIR not subscribed.

6.3.1.1.1 Special arrangement applies

ISDN selection criteria: Special arrangement applies.

TP501101	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with an invalid **Calling party number information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; invalid **Calling party number information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501102	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with an invalid **Calling party number information element** but with a valid **Calling party subaddress information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; invalid **Calling party number information element** **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501103	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message without a **Calling party number information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** not present	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501104	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message without a **Calling party number information element**, but with a valid **Calling party subaddress information element**, sends an IAM message with the **Calling party number parameter** coded Address signals = Default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** not present **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501105	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = national number, Numbering plan identification = ISDN_NPI, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, not screened.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '00'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501106	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = national number Numbering plan identification = ISDN_NPI and with a **Calling party subaddress information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, not screened and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2 **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '00'B **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501107	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = international number Numbering plan identification = ISDN_NPI, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, not screened.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '00'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501108	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = international number Numbering plan identification = ISDN_NPI and with a **Calling party subaddress information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, not screened and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2 **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '00'B **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

Values for the test purposes TP501105 - TP501108		
VA_01	ISDN_NPI = ISDN/telephony numbering plan, '0001'B	-
VA_02	ISDN_NPI = unknown, '0000'B	-

6.3.1.1.2 Special arrangement does not apply

ISDN selection criteria: Special arrangement does apply.

TP501201	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.2
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with an invalid **Calling party number information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; invalid **Calling party number information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501202	ISDN reference: EN 300 403-1 [6], clause 5.1.1	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.2; ETS 300 356-1 [5], clause 2.1
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with an invalid **Calling party number information element** but with a valid **Calling party subaddress information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; invalid **Calling party number information element** **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501203	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.2
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message without a **Calling party number information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** not present	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501204	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.2
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message without a **Calling party number information element**, but with a valid **Calling party subaddress information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** not present **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501205	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.2
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:	Failure of the screening function can be provoked	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element**, when a failure of the screening function occurs, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501206	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.2
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:	Failure of the screening function can be provoked	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** and with a valid **Calling party subaddress information element**, when a failure of the screening function occurs, sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501207	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = subscriber number Numbering plan identification = ISDN_NPI Number digits = correct complete subscriber number, sends an **IAM** message with the **Calling party number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '100'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501208	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = subscriber number Numbering plan identification = ISDN_NPI Number digits = correct complete subscriber number and with a **Calling party subaddress information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed, without the **Generic number parameter**, and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '100'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501209	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.11
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = national number Numbering plan identification = ISDN_NPI Number digits = correct complete national number, sends an **IAM** message with the **Calling party number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501210	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = national number Numbering plan identification = ISDN_NPI Number digits = correct complete national number and with a **Calling party subaddress information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed, without the **Generic number parameter**, and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501211	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = international number Numbering plan identification = ISDN_NPI Number digits = correct complete international number, sends an **IAM** message with the **Calling party number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501212	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = international number, Numbering plan identification = ISDN_NPI, Number digits = correct complete international number and with a **Calling party subaddress information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, verified and passed, without the **Generic number parameter**, and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501213	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = unknown Numbering plan identification = ISDN_NPI Number digits = incomplete number, sends an **IAM** message with the **Calling party number parameter** coded Address signals = completion of the number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '000'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT completed Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP501214	ISDN reference: EN 300 092-1 [13]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.3.1
TSS reference:	DSS1-ISUP/SS/CLIP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Calling party number information element** coded Type of number = unknown Numbering plan identification = ISDN_NPI Number digits = incomplete number and with a **Calling party subaddress information element**, sends an **IAM** message with the **Calling party number parameter** coded Address signals = completion of the number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed, without the **Generic number parameter**, and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Type of number = '000'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address signals = PIXIT completed Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

Values for the test purposes TP501207 - TP501214		
VA_01	ISDN_NPI = ISDN/telephony numbering plan, '0001'B	-
VA_02	ISDN_NPI = unknown, '0000'B	-

6.3.1.2 Calling Line Identification Restriction (CLIR)

ISDN selection criteria: CLIR subscribed.

6.3.1.2.1 Special arrangement applies

ISDN selection criteria: Special arrangement applies.

TP502101	**ISDN reference: EN 300 093-1 [14]**	**ISUP reference: EN 300 899-1 [1], clause 2.1.2.4**
TSS reference:	DSS1-ISUP/SS/CLIR/Special Arrangement	
ISDN selection criteria:	CLIR permanent mode	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a valid **Calling party number information element**, sends an **IAM** message with the **Calling party number parameter** and the **Generic number parameter** coded Address presentation restricted indicator = presentation restricted.	
ISDN Parameter values:	SETUP; **Calling party number information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** and **Generic number parameter** Address presentation restricted indicator = '01'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP502102	**ISDN reference: EN 300 093-1 [14]**	**ISUP reference: EN 300 899-1 [1], clause 2.1.2.4**
TSS reference:	DSS1-ISUP/SS/CLIR/Special Arrangement	
ISDN selection criteria:	CLIR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a valid **Calling party number information element** coded Presentation indicator = ISDN_PRI, sends an **IAM** message with the **Calling party number parameter** and the **Generic number parameter** coded Address presentation restricted indicator = ISUP_PRI.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	IAM; **Calling party number parameter** and **Generic number parameter** Address presentation restricted indicator = ISUP_PRI	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

Values for the test purpose TP502102		
VA_01	ISDN_PRI =presentation restricted, '01'B	ISUP_PRI =presentation restricted, '01'B
VA_02	ISDN_PRI =presentation allowed, '00'B	ISUP_PRI =presentation allowed, '00'B

TP502103	ISDN reference: EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.4
TSS reference:	DSS1-ISUP/SS/CLIR/Special Arrangement	
ISDN selection criteria:	CLIR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a valid **Calling party number information element** not including the optional octet 3a (screening and presentation indicator), sends an **IAM** message with the **Calling party number parameter** and the **Generic number parameter** coded Address presentation restricted indicator = presentation restricted.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator not present	
ISUP Parameter values:	IAM; **Calling party number parameter** and **Generic number parameter** Address presentation restricted indicator = '01'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP502104	ISDN reference: EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.4
TSS reference:	DSS1-ISUP/SS/CLIR/Special Arrangement	
ISDN selection criteria:	CLIR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a valid **Calling party number information element** coded Presentation indicator = ISDN_PRI, sends an **IAM** message with the **Calling party number parameter** and the **Generic number parameter** coded Address presentation restricted indicator = ISUP_PRI.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	IAM; **Calling party number parameter** and **Generic number parameter** Address presentation restricted indicator = ISUP_PRI	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

Values for the test purpose TP502104		
VA_01	ISDN_PRI =presentation allowed, '00'B	ISUP_PRI =presentation allowed, '00'B
VA_02	ISDN_PRI =presentation restricted, '01'B	ISUP_PRI =presentation restricted, '01'B

TP502105	ISDN reference: EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.41
TSS reference:	DSS1-ISUP/SS/CLIR/Special Arrangement	
ISDN selection criteria:	CLIR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a valid **Calling party number information element** not including the optional octet 3a (screening and presentation indicator), sends an **IAM** message with the **Calling party number parameter** and the **Generic number parameter** coded Address presentation restricted indicator = presentation allowed.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator not present	
ISUP Parameter values:	IAM; **Calling party number parameter** and **Generic number parameter** Address presentation restricted indicator = '00'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

6.3.1.2.2 Special arrangement does not apply

ISDN selection criteria: Special arrangement does not apply.

TP502201	ISDN reference: EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.4
TSS reference:	DSS1-ISUP/SS/CLIR/No Special Arrangement	
ISDN selection criteria:	CLIR permanent mode	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a valid **Calling party number information element**, sends an **IAM** message with the **Calling party number parameter** coded Address presentation restricted indicator = presentation restricted and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP502202	ISDN reference: EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.4
TSS reference:	DSS1-ISUP/SS/CLIR/No Special Arrangement	
ISDN selection criteria:	CLIR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a valid **Calling party number information element** coded Presentation indicator = ISDN_PRI, sends an **IAM** message with the **Calling party number parameter** coded Address presentation restricted indicator = ISUP_PRI and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted indicator = ISUP_PRI **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

Values for the test purpose TP502202		
VA_01	ISDN_PRI =presentation restricted, '01'B	ISUP_PRI =presentation restricted, '01'B
VA_02	ISDN_PRI =presentation allowed, '00'B	ISUP_PRI =presentation allowed, '00'B

TP502203	ISDN reference: EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.4
TSS reference:	DSS1-ISUP/SS/CLIR/No Special Arrangement	
ISDN selection criteria:	CLIR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a valid **Calling party number information element** not including the optional octet 3a (screening and presentation indicator), sends an **IAM** message with the **Calling party number parameter** coded Address presentation restricted indicator = presentation restricted and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator not present	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP502204	ISDN reference: EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.4
TSS reference:	DSS1-ISUP/SS/CLIR/No Special Arrangement	
ISDN selection criteria:	CLIR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a valid **Calling party number information element** coded Presentation indicator = ISDN_PRI, sends an **IAM** message with the **Calling party number parameter** coded Address presentation restricted indicator = ISUP_PRI and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted indicator = ISUP_PRI **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

Values for the test purpose TP502204		
VA_01	ISDN_PRI =presentation allowed, '00'B	ISUP_PRI =presentation allowed, '00'B
VA_02	ISDN_PRI =presentation restricted, '01'B	ISUP_PRI =presentation restricted, '01'B

TP502205	ISDN reference: EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.4
TSS reference:	DSS1-ISUP/SS/CLIR/No Special Arrangement	
ISDN selection criteria:	CLIR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a valid **Calling party number information element** not including the optional octet 3a (screening and presentation indicator), sends an **IAM** message with the **Calling party number parameter** coded Address presentation restricted indicator = presentation allowed and without the **Generic number parameter**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator not present	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted indicator = '00'B **Generic number parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

6.3.1.3 Connected Line Identification Presentation (COLP)

6.3.1.3.1 COLP subscribed

ISDN selection criteria: COLP subscribed.

NOTE: The connected line identity request indicator in the Optional forward call indicators parameter in the IAM message is coded to "requested".

TP503101	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = ISUP_SI Address signals included and without the **Generic number parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = ISDN_SI Number digits included.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = ISDN_SI Number digits = PIXIT	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = ISUP_SI Address signals = PIXIT **Generic number parameter** not present	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503102	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = ISUP_SI Address signals included, without the **Generic number parameter** and with the connected subaddress in the **Access transport parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = ISDN_SI Number digits included and with the **Connected subaddress information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = ISDN_SI Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = ISUP_SI Address signals = PIXIT **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503103	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/No Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = ISUP_SI Address signals included and without the **Generic number parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = ISDN_SI Number digits included.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = ISDN_SI Number digits = PIXIT	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = ISUP_SI Address signals = PIXIT **Generic number parameter** not present	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP503104	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = ISUP_SI Address signals included, without the **Generic number parameter** and with the connected subaddress in the **Access transport parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = ISDN_SI Number digits included and with the **Connected subaddress information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = ISDN_SI Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = ISUP_SI Address signals = PIXIT **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

Values for the test purposes TP503101 - TP503104		
VA_01	ISDN_TON = national number, '010'B ISDN_SI = user provided verified and passed, '01'B	ISUP_NAI = national number, '0000011'B ISUP_SI = user provided verified and passed, '01'B
VA_02	ISDN_TON = national number, '010'B ISDN_SI = network provided, '11'B	ISUP_NAI = national number, '0000011'B ISUP_SI = network provided, '11'B
VA_03	ISDN_TON = international number, '001'B ISDN_SI = user provided verified and passed, '01'B	ISUP_NAI = international number, '0000100'B ISUP_SI = user provided verified and passed, '01'B
VA_04	ISDN_TON = international number, '001'B ISDN_SI = network provided, '11'B	ISUP_NAI = international number, '0000100'B ISUP_SI = network provided, '11'B

TP503105	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation allowed and with the **Generic number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = user provided, not verified Address signals included, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Number digits included.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = '00'B Number digits = PIXIT	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restricted parameter = '00'B **Generic number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = '00'B Address signals = PIXIT	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503106	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation allowed and with the **Generic number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = user provided, not verified Address signals included and with the connected subaddress in the **Access transport parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Number digits included and with the **Connected subaddress information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = '00'B Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restricted parameter = '00'B **Generic number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = '00'B Address signals = PIXIT **Access transport parameter** including the subaddress information	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503107	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation allowed and with the **Generic number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = user provided, not verified Address signals included, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Number digits included.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = '00'B Number digits = PIXIT	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restricted parameter = '00'B **Generic number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = '00'B Address signals = PIXIT	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP503108	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation allowed and with the **Generic number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = user provided, not verified Address signals included and with the connected subaddress in the **Access transport parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Number digits included and with the **Connected subaddress information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = '00'B Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restricted parameter = '00'B **Generic number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = '00'B Address signals = PIXIT **Access transport parameter** including the subaddress information	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

Values for the test purposes TP503105 - TP503108		
VA_01	ISDN_TON = national number, '010'B	ISUP_NAI = national number, '0000011'B
VA_02	ISDN_TON = international number, '001'B	ISUP_NAI = international number, '0000100'B

TP503109	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:	COLR subscribed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation restricted, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation restricted Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restricted parameter = '01'B	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503110	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:	COLR subscribed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation restricted and with the connected subaddress in the **Access transport parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation restricted Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included and without the **Connected subaddress information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included **Connected subaddress information element** not present	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restricted parameter = '01'B **Access transport parameter** including the subaddress information	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503111	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:	COLR subscribed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation restricted, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation restricted Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restricted parameter = '01'B	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP503112	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:	COLR subscribed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message with a **Connected number parameter** coded Address presentation restricted parameter = presentation restricted and with the connected subaddress in the **Access transport parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = presentation restricted Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included and without the **Connected subaddress information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included **Connected subaddress information element** not present	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restricted parameter = '01'B **Access transport parameter** including the subaddress information	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP503113	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message with a **Connected number parameter** coded Address presentation restricted parameter = address not available, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restricted parameter = '10'B	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503114	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message with a **Connected number parameter** coded Address presentation restricted parameter = address not available and with the connected subaddress in the **Access transport parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included and without the **Connected subaddress information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included **Connected subaddress information element** not present	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restricted parameter = '10'B **Access transport parameter** including the subaddress information	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503115	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message with a **Connected number parameter** coded Address presentation restricted parameter = address not available, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restricted parameter = '10'B	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP503116	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message with a **Connected number parameter** coded Address presentation restricted parameter = address not available and with the connected subaddress in the **Access transport parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included and without the **Connected subaddress information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included **Connected subaddress information element** not present	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restricted parameter = '10'B **Access transport parameter** including the subaddress information	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP503117	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message without a **Connected number parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included	
ISUP Parameter values:	CON; **Connected number parameter** not present	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503118	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message without a **Connected number parameter**, but with the connected subaddress in the **Access transport parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included and without the **Connected subaddress information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included **Connected subaddress information element** not present	
ISUP Parameter values:	CON; **Connected number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503119	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message without a **Connected number parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included	
ISUP Parameter values:	ANM; **Connected number parameter** not present	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP503120	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message without a **Connected number parameter**, but with the connected subaddress in the **Access transport parameter**, sends a **CONNECT** message with the **Connected number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included and without the **Connected subaddress information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included **Connected subaddress information element** not present	
ISUP Parameter values:	ANM; **Connected number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

6.3.1.3.2 COLP not subscribed

ISDN selection criteria: COLP not subscribed.

TP503201	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed/Not subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message with a **Connected number parameter** and without the **Generic number parameter**, sends a **CONNECT** message without the **Connected number information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present	
ISUP Parameter values:	CON; **Connected number parameter** present **Generic number parameter** not present	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503202	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed/Not subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CON** message with a **Connected number parameter** and with a **Generic number parameter**, sends a **CONNECT** message without the **Connected number information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present	
ISUP Parameter values:	CON; **Connected number parameter** present **Generic number parameter** present	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP503203	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed/Not subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message with a **Connected number parameter** and without the **Generic number parameter**, sends a **CONNECT** message without the **Connected number information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present	
ISUP Parameter values:	ANM; **Connected number parameter** present **Generic number parameter** not present	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP503204	ISDN reference: EN 300 097-1 [15], EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clauses 2.1.2.5, 2.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Subscribed/Not subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of an **ANM** message with a **Connected number parameter** and with a **Generic number parameter**, sends a **CONNECT** message without the **Connected number information element**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present	
ISUP Parameter values:	ANM; **Connected number parameter** present **Generic number parameter** present	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

6.3.1.4 Subaddressing (SUB)

TP504001	ISDN reference: EN 300 061-1 [18]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.7
TSS reference:	DSS1-ISUP/SS/SUB	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Called party subaddress information element**, sends an **IAM** message with the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	SETUP; **Called party subaddress information element**	
ISUP Parameter values:	IAM; **Access transport parameter** including the subaddress information	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

6.3.1.5 Call diversion (CDIV)

6.3.1.5.1 Reception of a "call is diverting" notification

TP505101	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2, on receipt of an **ACM** message indicating a first diversion with the **Backward call indicators parameter** coded Called party's status indicator = no indication ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends a **CALL PROCEEDING** message with the **Notification indicator information element** coded Notification description = call is diverting.	
ISDN Parameter values:	CALL PROCEEDING; **Notification indicator information element** Notification description = '1111011'B	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '00'B ISUP indicator = '1'B ISDN indicator = '1'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP ACM -> SUT -> CALL PROCEEDING ISDN	

TP505102	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message indicating a first diversion with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends an **ALERTING** message with the **Notification indicator information element** coded Notification description = call is diverting.	
ISDN Parameter values:	ALERTING; **Notification indicator information element** Notification description = '1111011'B	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP505103	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message indicating a first diversion with the **Backward call indicators parameter** coded Called party's status indicator = no indication ISUP indicator = ISUP not used all the way ISDN indicator = terminating access is ISDN, the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends a **PROGRESS** message with the **Notification indicator information element** coded Notification description = call is diverting.	
ISDN Parameter values:	PROGRESS; **Notification indicator information element** Notification description = '1111011'B	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '00'B ISUP indicator = '0'B ISDN indicator = '1'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP ACM -> SUT -> PROGRESS ISDN	

TP505104	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message indicating a first diversion with the **Backward call indicators parameter** coded Called party's status indicator = no indication ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = call is diverting.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111011'B	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '00'B ISUP indicator = '1'B ISDN indicator = '1'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP ACM -> SUT -> NOTIFY ISDN	

TP505105	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CPG** message indicating a first diversion with the **Event information parameter** coded Event indicator = ALERTING, the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends an **ALERTING** message with the **Notification indicator information element** coded Notification description = call is diverting.	
ISDN Parameter values:	ALERTING; **Notification indicator information element** Notification description = '1111011'B	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP505106	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CPG** message indicating a first diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and with a Progress indicator information element in the **Access transport parameter**, sends a **PROGRESS** message with the **Notification indicator information element** coded Notification description = call is diverting.	
ISDN Parameter values:	PROGRESS; **Notification indicator information element** Notification description = '1111011'B	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B **Access transport parameter** Progress indicator information element included	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP505107	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message indicating a first diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and with a Progress indicator information element in the **Access transport parameter**, sends a **PROGRESS** message with the **Notification indicator information element** coded Notification description = call is diverting.	
ISDN Parameter values:	PROGRESS; **Notification indicator information element** Notification description = '1111011'B	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B **Access transport parameter** Progress indicator information element included	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP505108	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CPG** message indicating a first diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = call is diverting.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111011'B	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP505109	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message indicating a first diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = call is diverting.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111011'B	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

Values for the test purposes TP505101 - TP505109		
VA_01	-	ISUP_NSO = presentation allowed with redirection number, '010'B
VA_02	-	ISUP_NSO = presentation allowed without redirection number, '011'B

TP505110	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N2, on receipt of an **ACM** message indicating a first diversion with the **Backward call indicators parameter** coded Called party's status indicator = no indication ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends a **CALL PROCEEDING** message without the **Notification indicator information element**.	
ISDN Parameter values:	CALL PROCEEDING; **Notification indicator information element** not present	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '00'B ISUP indicator = '1'B ISDN indicator = '1'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP ACM -> SUT -> CALL PROCEEDING ISDN	

TP505111	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message indicating a first diversion with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends an **ALERTING** message without the **Notification indicator information element**.	
ISDN Parameter values:	ALERTING; **Notification indicator information element** not present	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP505112	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message indicating a first diversion with the **Backward call indicators parameter** coded Called party's status indicator = no indication ISUP indicator = ISUP not used all the way ISDN indicator = terminating access is ISDN, the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends a **PROGRESS** message without the **Notification indicator information element**.	
ISDN Parameter values:	PROGRESS; **Notification indicator information element** not present	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '00'B ISUP indicator = '0'B ISDN indicator = '1'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP ACM -> SUT -> PROGRESS ISDN	

TP505113	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message indicating a first diversion with the **Backward call indicators parameter** coded Called party's status indicator = no indication ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends no message.	
ISDN Parameter values:		
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '00'B ISUP indicator = '1'B ISDN indicator = '1'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP ACM -> SUT -> NOTIFY ISDN	

TP505114	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CPG** message indicating a first diversion with the **Event information parameter** coded Event indicator = ALERTING, the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends an **ALERTING** message without the **Notification indicator information element**.	
ISDN Parameter values:	ALERTING; **Notification indicator information element** not present	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP505115	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CPG** message indicating a first diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and with a Progress indicator information element in the **Access transport parameter**, sends a **PROGRESS** message without the **Notification indicator information element**.	
ISDN Parameter values:	PROGRESS; **Notification indicator information element** not present	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B **Access transport parameter** Progress indicator information element included	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP505116	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message indicating a first diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and with a Progress indicator information element in the **Access transport parameter**, sends a **PROGRESS** message without the **Notification indicator information element**.	
ISDN Parameter values:	PROGRESS; **Notification indicator information element** not present	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B **Access transport parameter** Progress indicator information element included	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP505117	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CPG** message indicating a first diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends no message.	
ISDN Parameter values:		
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP CPG -> SUT ->	

TP505118	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message indicating a first diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends no message.	
ISDN Parameter values:		
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP CPG -> SUT ->	

Values for the test purposes TP505110 - TP505118		
VA_01	-	ISUP_NSO = Unknown, '000'B
VA_02	-	ISUP_NSO = presentation not allowed, '001'B

TP505119	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message indicating a subsequent diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and with a Progress indicator information element in the **Access transport parameter**, sends a **PROGRESS** message without the **Notification indicator information element**.	
ISDN Parameter values:	PROGRESS; **Notification indicator information element** not present	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B **Access transport parameter** Progress indicator information element included	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP505120	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message indicating a subsequent diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends no message.	
ISDN Parameter values:		
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP CPG -> SUT ->	

Values for the test purposes TP505119 - TP505120		
VA_01	-	ISUP_NSO = Unknown, '000'B
VA_02	-	ISUP_NSO = presentation not allowed, '001'B

TP505121	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message indicating a subsequent diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO Redirection reason = ISUP_RR, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and with a Progress indicator information element in the **Access transport parameter**, sends a **PROGRESS** message with the **Notification indicator information element** coded Notification description = call is diverting.	
ISDN Parameter values:	PROGRESS; **Notification indicator information element** Notification description = '1111011'B	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO Redirection reason = ISUP_RR **Generic notification indicator parameter** Notification indicator = '1111011'B **Access transport parameter** Progress indicator information element included	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP505122	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message indicating a subsequent diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO and the **Generic notification indicator parameter** coded Notification indicator = call is diverting Redirection reason = ISUP_RR, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = call is diverting.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111011'B	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO Redirection reason = ISUP_RR **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

Values for the test purposes TP505121 - TP505122		
VA_01	-	ISUP_NSO = presentation allowed with redirection number, '010'B ISUP_RR = deflection during alerting, '0100'B
VA_02	-	ISUP_NSO = presentation allowed with redirection number, '010'B ISUP_RR = no reply, '0010'B
VA_03	-	ISUP_NSO = presentation allowed without redirection number, '011'B ISUP_RR = deflection during alerting, '0100'B
VA_04	-	ISUP_NSO = presentation allowed without redirection number, '011'B ISUP_RR = no reply, '0010'B

TP505123	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message indicating a subsequent diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO Redirection reason = ISUP_RR, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and with a Progress indicator information element in the **Access transport parameter**, sends a **PROGRESS** message without the **Notification indicator information element**.	
ISDN Parameter values:	PROGRESS; **Notification indicator information element** not present	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO Redirection reason = ISUP_RR **Generic notification indicator parameter** Notification indicator = '1111011'B **Access transport parameter** Progress indicator information element included	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP505124	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.2
TSS reference:	DSS1-ISUP/SS/CDIV/Notification	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message indicating a subsequent diversion with the **Event information parameter** coded Event indicator = PROGRESS, with the **Call diversion information parameter** coded Notification subscription option = ISUP_NSO Redirection reason = ISUP_RR and the **Generic notification indicator parameter** coded Notification indicator = call is diverting, sends no message.	
ISDN Parameter values:		
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Call diversion information parameter** Notification subscription option = ISUP_NSO Redirection reason = ISUP_RR **Generic notification indicator parameter** Notification indicator = '1111011'B	
Comments:	ISUP CPG -> SUT ->	

Values for the test purposes TP505123 - TP505124		
VA_01	-	ISUP_NSO = presentation allowed with redirection number, '010'B ISUP_RR = Unknown, '0000'B
VA_02	-	ISUP_NSO = presentation allowed with redirection number, '010'B ISUP_RR = User busy, '0001'B
VA_03	-	ISUP_NSO = presentation allowed with redirection number, '010'B ISUP_RR = unconditional, '0011'B
VA_04	-	ISUP_NSO = presentation allowed with redirection number, '010'B ISUP_RR = deflection immediate response, '0101'B
VA_05	-	ISUP_NSO = presentation allowed with redirection number, '010'B ISUP_RR = mobile subscriber not reachable, '0110'B
VA_06	-	ISUP_NSO = presentation allowed without redirection number, '011'B ISUP_RR = Unknown, '0000'B
VA_07	-	ISUP_NSO = presentation allowed without redirection number, '011'B ISUP_RR = User busy, '0001'B
VA_08	-	ISUP_NSO = presentation allowed without redirection number, '011'B ISUP_RR = unconditional, '0011'B
VA_09	-	ISUP_NSO = presentation allowed without redirection number, '011'B ISUP_RR = deflection immediate response, '0101'B
VA_10	-	ISUP_NSO = presentation allowed without redirection number, '011'B ISUP_RR = mobile subscriber not reachable, '0110'B

6.3.1.5.2 Reception of the Redirection number restriction parameter

TP505201	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, the **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation allowed and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, sends an **ALERTING** message with the **Redirection number information element** coded Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/telephony numbering plan Presentation indicator = presentation allowed Number digits included.	
ISDN Parameter values:	ALERTING; **Redirection number information element** Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Presentation indicator = '00'B Number digits = PIXIT	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B, **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number restriction parameter** Presentation restricted indicator = '00'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits = PIXIT	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP505202	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING, and the **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation allowed, sends an **ALERTING** message with the **Redirection number information element** coded Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/telephony numbering plan Presentation indicator = presentation allowed Number digits included.	
ISDN Parameter values:	ALERTING; **Redirection number information element** Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Presentation indicator = '00'B Number digits = PIXIT	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits = PIXIT CPG; **Event information parameter** Event indicator = '0000001'B, **Redirection number restriction parameter** Presentation restricted indicator = '00'B	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP505203	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = PROGRESS, the **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation allowed, and with a Progress indicator information element in the **Access transport parameter**, sends a **PROGRESS** message with the **Redirection number information element** coded Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/telephony numbering plan Presentation indicator = presentation allowed Number digits included.	
ISDN Parameter values:	PROGRESS; **Redirection number information element** Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Presentation indicator = '00'B Number digits = PIXIT	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits = PIXIT CPG; **Event information parameter** Event indicator = '0000010'B, **Redirection number restriction parameter** Presentation restricted indicator = '00'B **Access transport parameter** containing a Progress indicator information element	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP505204	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = PROGRESS and **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation allowed, sends a **NOTIFY** message with the **Redirection number information element** coded Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/telephony numbering plan Presentation indicator = presentation allowed Number digits included.	
ISDN Parameter values:	NOTIFY; **Redirection number information element** Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Presentation indicator = '00'B Number digits = PIXIT	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits = PIXIT CPG; **Event information parameter** Event indicator = '0000010'B, **Redirection number restriction parameter** Presentation restricted indicator = '00'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP505205	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation allowed, sends a **NOTIFY** message with the **Redirection number information element** coded Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/telephony numbering plan Presentation indicator = presentation allowed Number digits included.	
ISDN Parameter values:	NOTIFY; **Redirection number information element** Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Presentation indicator = '00'B Number digits = PIXIT	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits = PIXIT CPG; **Event information parameter** Event indicator = '0000001'B, **Redirection number restriction parameter** Presentation restricted indicator = '00'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP505206	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received a **CPG** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, on receipt of a **ANM** message with the **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation allowed, sends a **CONNECT** message with the **Redirection number information element** coded Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/telephony numbering plan Presentation indicator = presentation allowed Number digits included.	
ISDN Parameter values:	CONNECT; **Redirection number information element** Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Presentation indicator = '00'B Number digits = PIXIT	
ISUP Parameter values:	CPG; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits = PIXIT ANM; **Redirection number restriction parameter** Presentation restricted indicator = '00'B	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

Values for the test purposes TP505201 - TP505206		
VA_01	ISUP_TON = national number, '010'B	ISUP_NAI = national number, '0000011'B
VA_02	ISUP_TON = international number, '001'B	ISUP_NAI = international number, '0000100'B

TP505207	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, the **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation restricted and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, sends an **ALERTING** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Number digits not present.	
ISDN Parameter values:	ALERTING; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Number digits not present	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B, **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number restriction parameter** Presentation restricted indicator = '01'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits present	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP505208	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and the **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation restricted, sends an **ALERTING** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Number digits not present.	
ISDN Parameter values:	ALERTING; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Number digits not present	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits present CPG; **Event information parameter** Event indicator = '0000001'B, **Redirection number restriction parameter** Presentation restricted indicator = '01'B	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP505209	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = PROGRESS, the **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation restricted, and with a Progress indicator information element in the **Access transport parameter**, sends a **PROGRESS** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Number digits not present.	
ISDN Parameter values:	PROGRESS; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Number digits not present	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits present CPG; **Event information parameter** Event indicator = '0000010'B, **Redirection number restriction parameter** Presentation restricted indicator = '01'B **Access transport parameter** containing a Progress indicator information element	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP505210	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = PROGRESS, and the **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation restricted, sends a **NOTIFY** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Number digits not present.	
ISDN Parameter values:	NOTIFY; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Number digits not present	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits present CPG; **Event information parameter** Event indicator = '0000010'B, **Redirection number restriction parameter** Presentation restricted indicator = '01'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP505211	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING, and the **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation restricted, sends a **NOTIFY** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Number digits not present.	
ISDN Parameter values:	NOTIFY; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Number digits not present	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits present CPG; **Event information parameter** Event indicator = '0000001'B, **Redirection number restriction parameter** Presentation restricted indicator = '01'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP505212	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received a **CPG** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, and the **Redirection number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN numbering plan Address digits present, on receipt of a **ANM** message with the **Redirection number restriction parameter** coded Presentation restricted indicator = Presentation restricted, sends a **CONNECT** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Number digits not present.	
ISDN Parameter values:	CONNECT; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Number digits not present	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address digits present ANM; **Redirection number restriction parameter** Presentation restricted indicator = '01'B	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

Values for the test purposes TP505207 - TP505212		
VA_01	-	ISUP_NAI = national number, '0000011'B
VA_02	-	ISUP_NAI = international number, '0000100'B

TP505213	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting, the **Redirection number restriction parameter** and without the **Redirection number parameter**, sends an **ALERTING** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Number digits not present.	
ISDN Parameter values:	ALERTING; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Number digits not present	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B, **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number restriction parameter** **Redirection number parameter** not present	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP505214	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and without the **Redirection number parameter**, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and the **Redirection number restriction parameter**, sends an **ALERTING** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Number digits not present.	
ISDN Parameter values:	ALERTING; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Number digits not present	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** not present CPG; **Event information parameter** Event indicator = '0000001'B, **Redirection number restriction parameter**	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP505215	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and without the **Redirection number parameter**, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = PROGRESS, the **Redirection number restriction parameter**, and with a Progress indicator information element in the **Access transport parameter**, sends a **PROGRESS** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Number digits not present.	
ISDN Parameter values:	PROGRESS; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Number digits not present	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** not present CPG; **Event information parameter** Event indicator = '0000010'B, **Redirection number restriction parameter** **Access transport parameter** containing a Progress indicator information element	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP505216	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and without the **Redirection number parameter**, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = PROGRESS and the **Redirection number restriction parameter,** sends a **NOTIFY** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Number digits not present.	
ISDN Parameter values:	NOTIFY; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Number digits not present	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** not present CPG; **Event information parameter** Event indicator = '0000010'B, **Redirection number restriction parameter**	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP505217	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received an **ACM** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and without the **Redirection number parameter**, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and the **Redirection number restriction parameter,** sends a **NOTIFY** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Number digits not present.	
ISDN Parameter values:	NOTIFY; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Number digits not present	
ISUP Parameter values:	ACM; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** not present CPG; **Event information parameter** Event indicator = '0000001'B, **Redirection number restriction parameter**	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP505218	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.8.1.3
TSS reference:	DSS1-ISUP/SS/CDIV/Redirection number	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, having already received a **CPG** message with the **Call diversion information parameter** coded Notification subscription option = Presentation allowed with redirection number, the **Generic notification indicator parameter** coded Notification indicator = call is diverting and without the **Redirection number parameter**, on receipt of a **ANM** message with the **Redirection number restriction parameter**, sends a **CONNECT** message with the **Redirection number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Number digits not present.	
ISDN Parameter values:	CONNECT; **Redirection number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Number digits not present	
ISUP Parameter values:	CPG; **Call diversion information parameter** Notification subscription option = '010'B **Generic notification indicator parameter** Notification indicator = '1111011'B **Redirection number parameter** not present ANM; **Redirection number restriction parameter**	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

6.3.1.6 Call Waiting (CW)

TP506001	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.9
TSS reference:	DSS1-ISUP/SS/CW	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN and the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call, sends an **ALERTING** message with the **Notification indicator information element** coded Notification description = call is a waiting call.	
ISDN Parameter values:	ALERTING; **Notification indicator information element** Notification description = '1100000'B	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B, **Generic notification indicator parameter** Notification indicator = '1100000'B	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP506002	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.9
TSS reference:	DSS1-ISUP/SS/CW	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call, sends an **ALERTING** message with the **Notification indicator information element** coded Notification description = call is a waiting call.	
ISDN Parameter values:	ALERTING; **Notification indicator information element** Notification description = '1100000'B	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B, **Generic notification indicator parameter** Notification indicator = '1100000'B	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP506003	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.9
TSS reference:	DSS1-ISUP/SS/CW	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = PROGRESS, the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call and with a Progress indicator information element in the **Access transport parameter**, sends a **PROGRESS** message with the **Notification indicator information element** coded Notification description = call is a waiting call.	
ISDN Parameter values:	PROGRESS; **Notification indicator information element** Notification description = '1100000'B	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Generic notification indicator parameter** Notification indicator = '1100000'B **Access transport parameter** Progress indicator information element included	
Comments:	ISUP CPG -> SUT -> PROGRESS ISDN	

TP506004	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.9
TSS reference:	DSS1-ISUP/SS/CW	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = PROGRESS and the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = call is a waiting call.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1100000'B	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000010'B, **Generic notification indicator parameter** Notification indicator = '1100000'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

6.3.1.7 Call Hold (HOLD)

6.3.1.7.1 Notification received from the network

TP507101	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.10.1
TSS reference:	DSS1-ISUP/SS/HOLD/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote hold, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Remote hold.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP507102	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.10.1
TSS reference:	DSS1-ISUP/SS/HOLD/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote retrieval, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Remote retrieval.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111010'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

6.3.1.7.2 Invocation at coincident S and T reference point

ISDN selection criteria: Call Hold subscribed, S/T reference point.

TP507201	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.10.2
TSS reference:	DSS1-ISUP/SS/HOLD/Invocation S T	
ISDN selection criteria:	Call hold in N4 supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **HOLD** message, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote hold and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	HOLD;	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN HOLD -> SUT -> CPG ISUP	

TP507202	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.10.2
TSS reference:	DSS1-ISUP/SS/HOLD/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **HOLD** message, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote hold and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	HOLD;	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN HOLD -> SUT -> CPG ISUP	

TP507203	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.10.2
TSS reference:	DSS1-ISUP/SS/HOLD/Invocation S T	
ISDN selection criteria:	Call hold in N4 supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **RETRIEVE** message, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote retrieval and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	RETRIEVE;	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111010'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN RETRIEVE -> SUT -> CPG ISUP	

TP507204	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.10.2
TSS reference:	DSS1-ISUP/SS/HOLD/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **RETRIEVE** message, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote retrieval and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	RETRIEVE;	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111010'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN RETRIEVE -> SUT -> CPG ISUP	

6.3.1.7.3 Notification received at T reference point

ISDN selection criteria: T reference point.

TP507301	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.10.3
TSS reference:	DSS1-ISUP/SS/HOLD/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Remote hold, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote hold and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> CPG ISUP	

TP507302	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.10.3
TSS reference:	DSS1-ISUP/SS/HOLD/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Remote retrieval, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote retrieval and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111010'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> CPG ISUP	

6.3.1.8 Terminal Portability (TP)

6.3.1.8.1 Notification received from the network

TP508101	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.11.1
TSS reference:	DSS1-ISUP/SS/TP/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **SUS** message with the **Suspend/resume indicators parameter** coded Suspend resume indicator = ISDN subscriber initiated, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user suspended.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000000'B	
ISUP Parameter values:	SUS; **Suspend/resume indicators parameter** Suspend resume indicator = '0'B	
Comments:	ISUP SUS -> SUT -> NOTIFY ISDN	

TP508102	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.11.1
TSS reference:	DSS1-ISUP/SS/TP/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **RES** message with the **Suspend/resume indicators parameter** coded Suspend resume indicator = ISDN subscriber initiated, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user resumed.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000001'B	
ISUP Parameter values:	RES; **Suspend/resume indicators parameter** Suspend resume indicator = '0'B	
Comments:	ISUP RES -> SUT -> NOTIFY ISDN	

TP508103	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.11.1
TSS reference:	DSS1-ISUP/SS/TP/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = user suspended, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user suspended.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000000'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '0000000'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP508104	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.11.1
TSS reference:	DSS1-ISUP/SS/TP/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = user resumed, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user resumed.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '0000001'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

6.3.1.8.2 Invocation at coincident S and T reference point

ISDN selection criteria: Terminal Portability subscribed, S/T reference point.

TP508201	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.11.2
TSS reference:	DSS1-ISUP/SS/TP/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **SUSPEND** message, sends a **SUS** message with the **Suspend/resume indicators parameter** coded Suspend resume indicator = ISDN subscriber initiated,.	
ISDN Parameter values:	SUSPEND;	
ISUP Parameter values:	SUS; **Suspend/resume indicators parameter** Suspend resume indicator = '0'B	
Comments:	ISDN SUSPEND -> SUT -> SUS ISUP	

TP508202	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.11.2
TSS reference:	DSS1-ISUP/SS/TP/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N0, on receipt of a **RESUME** message, sends a **RES** message with the **Suspend/resume indicators parameter** coded Suspend resume indicator = ISDN subscriber initiated,.	
ISDN Parameter values:	RESUME;	
ISUP Parameter values:	RES; **Suspend/resume indicators parameter** Suspend resume indicator = '0'B	
Comments:	ISDN RESUME -> SUT -> RES ISUP	

6.3.1.8.3 Notification received at T reference point

ISDN selection criteria: T reference point.

TP508301	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.11.3
TSS reference:	DSS1-ISUP/SS/TP/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user suspended, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = user suspended and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000000'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '0000000'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> CPG ISUP	

TP508302	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.11.3
TSS reference:	DSS1-ISUP/SS/TP/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user resumed, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = user resumed and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '0000001'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> CPG ISUP	

6.3.1.9 Conference Calling (CONF)

6.3.1.9.1 Notification received from the network

TP509101	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.1
TSS reference:	DSS1-ISUP/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference established.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP509102	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.1
TSS reference:	DSS1-ISUP/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference disconnected.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000011'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP509103	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.1
TSS reference:	DSS1-ISUP/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party added, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party added.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000100'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000100'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP509104	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.1
TSS reference:	DSS1-ISUP/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Isolated, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Isolated.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000101'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000101'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP509105	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.1
TSS reference:	DSS1-ISUP/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Reattached, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Reattached.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000110'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000110'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP509106	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.1
TSS reference:	DSS1-ISUP/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party isolated, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party isolated.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000111'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000111'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP509107	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.1
TSS reference:	DSS1-ISUP/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party reattached, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party reattached.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001000'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001000'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP509108	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.1
TSS reference:	DSS1-ISUP/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party split, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party split.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001001'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP509109	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.1
TSS reference:	DSS1-ISUP/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party disconnected, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party disconnected.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001010'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP509110	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.1
TSS reference:	DSS1-ISUP/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference floating, sends no message.	
ISDN Parameter values:		
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001011'B	
Comments:	ISUP CPG -> SUT ->	

6.3.1.9.2 Invocation at coincident S and T reference point

ISDN selection criteria: Conference Calling subscribed, S/T reference point.

NOTE: User A; user B: remote users of the conference call.

TP509201	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.2
TSS reference:	DSS1-ISUP/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FACILITY** message with the **Facility information element** containing a **BeginCONF invoke component**, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = BeginCONF invoke component	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B	
Comments:	ISDN FACILITY -> SUT -> CPG ISUP	

TP509202	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.2
TSS reference:	DSS1-ISUP/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users A and user B; conference has been established with the call towards user A), on receipt of a **FACILITY** message for remote user B with the **Facility information element** containing a **AddCONF invoke component**, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established and sends towards user A a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party added.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = AddCONF invoke component	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B User A: CPG; **Generic notification indicator parameter** Notification indicator = '1000100'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP509203	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.2
TSS reference:	DSS1-ISUP/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (conference established, remote users A and user B), on receipt of a **FACILITY** message with the **Facility information element** containing a **AddCONF invoke component** PartyId = user B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Isolated and sends towards user A a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party isolated.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = IsolateCONF invoke component PartyId = user B	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000101'B User A: CPG; **Generic notification indicator parameter** Notification indicator = '1000111'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP509204	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.2
TSS reference:	DSS1-ISUP/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (conference established, remote users A and user B, user B isolated), on receipt of a **FACILITY** message with the **Facility information element** containing a **ReattachCONF invoke component** PartyId = user B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Reattached and sends towards user A a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party reattached.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = IsolateCONF invoke component PartyId = user B	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000110'B User A: CPG; **Generic notification indicator parameter** Notification indicator = '1001000'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP509205	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.2
TSS reference:	DSS1-ISUP/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (conference established, remote users A and user B), on receipt of a **FACILITY** message with the **Facility information element** containing a **SplitCONF invoke component** PartyId = user B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and sends towards user A a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party split.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = IsolateCONF invoke component PartyId = user B	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '100001'B User A: CPG; **Generic notification indicator parameter** Notification indicator = '1001001'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP509206	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.2
TSS reference:	DSS1-ISUP/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (conference established, remote users A and user B), on receipt of a **FACILITY** message with the **Facility information element** containing a **DropCONF invoke component** PartyId = user B, sends towards user B a **REL** message and sends towards user A a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party disconnected.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = IsolateCONF invoke component PartyId = user B	
ISUP Parameter values:	User B: REL; User A: CPG; **Generic notification indicator parameter** Notification indicator = '1001010'B	
Comments:	ISDN FACILITY -> SUT -> REL ISUP (B), CPG ISUP (A)	

TP509207	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.2
TSS reference:	DSS1-ISUP/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (conference established, remote users A and user B), on receipt of a **DISCONNECT** message, sends towards user B a **REL** message and sends towards user A a **REL** message.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	User B: REL; User A: REL;	
Comments:	ISDN DISCONNECT -> SUT -> 2 REL ISUP	

TP509208	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.2
TSS reference:	DSS1-ISUP/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (conference established, remote users A and user B), on receipt of a **REL** message from user B, sends a **FACILITY** message with the **Facility information element** containing a **PartyDISC invoke component** PartyId = user B.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = PartyDISC invoke component PartyId = user B	
ISUP Parameter values:	User B: REL;	
Comments:	ISUP REL -> SUT -> FACILITY ISDN	

6.3.1.9.3 Notification at T reference point

ISDN selection criteria: T reference point.

TP509301	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference established, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP509302	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference disconnected, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000011'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP509303	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party added, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party added and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000100'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000100'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP509304	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Isolated, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Isolated and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000101'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000101'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP509305	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Reattached, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Reattached and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000110'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000110'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP509306	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party isolated, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party isolated and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000111'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000111'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP509307	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party reattached, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party reattached and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001000'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001000'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP509308	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party split, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party split and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001001'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP509309	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.12.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party disconnected, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party disconnected and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001010'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

6.3.1.10 Three-party (3PTY)

6.3.1.10.1 Notification received from the network

TP510101	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.1
TSS reference:	DSS1-ISUP/SS/3PTY/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference established.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP510102	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.1
TSS reference:	DSS1-ISUP/SS/3PTY/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference disconnected.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000011'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP510103	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.1
TSS reference:	DSS1-ISUP/SS/3PTY/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = remote hold.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP510104	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.1
TSS reference:	DSS1-ISUP/SS/3PTY/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with one **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and another **Generic notification indicator parameter** coded Notification indicator = remote hold,, sends two **Notification indicator information elements** in either one or two **NOTIFY** messages, one coded Notification description = Conference disconnected and the other coded Notification description = remote hold.	
ISDN Parameter values:	One or two NOTIFYs **Notification indicator information element** Notification description = '1000011'B **Notification indicator information element** Notification description = '1111001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B **Generic notification indicator parameter** Notification indicator = '1111001'B	
Comments:	ISUP CPG -> SUT -> 1 or 2 NOTIFY ISDN	

6.3.1.10.2 Invocation at coincident S and T reference point

ISDN selection criteria: Three-party subscribed, S/T reference point.

NOTE 1: User A: served user; users B and C: remote users.

NOTE 2: Call A-B: Active-held connection; Call A-C: Active-idle connection.

TP510201	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.2
TSS reference:	DSS1-ISUP/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C), on receipt of a **FACILITY** message for call A-B with the **Facility information element** containing a **Begin3PTY invoke component**, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established and sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = Begin3PTY invoke component	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B User C: CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP510202	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.2
TSS reference:	DSS1-ISUP/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **FACILITY** message for call A-B with the **Facility information element** containing an **End3PTY invoke component**, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold and sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = End3PTY invoke component	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B User C: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP510203	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.2
TSS reference:	DSS1-ISUP/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been disconnected), on receipt of a **HOLD** message for call A-C, sends no message towards user B and sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold.	
ISDN Parameter values:	HOLD;	
ISUP Parameter values:	User B: -; User C: CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B	
Comments:	ISDN FACILITY -> SUT -> CPG ISUP	

TP510204	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.2
TSS reference:	DSS1-ISUP/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been disconnected, call A-C has been put on hold), on receipt of a **RETRIEVE** message for call A-B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and sends no message towards user C.	
ISDN Parameter values:	RETRIEVE;	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B User C: -;	
Comments:	ISDN FACILITY -> SUT -> CPG ISUP	

TP510205	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.2
TSS reference:	DSS1-ISUP/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **FACILITY** message for call A-C with the **Facility information element** containing an **End3PTY invoke component**, sends towards user B a **CPG** message with one **Generic notification indicator parameter** coded Notification indicator = Conference disconnected, the other **Generic notification indicator parameter** coded Notification indicator = remote hold and sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = End3PTY invoke component	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B **Generic notification indicator parameter** Notification indicator = '1111001'B User C: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP510206	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.2
TSS reference:	DSS1-ISUP/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **DISCONNECT** message for call A-B, sends towards user B a **REL** message and sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	User B: REL; User C: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISDN FACILITY -> SUT -> REL ISUP (B), CPG ISUP (C)	

TP510207	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.2
TSS reference:	DSS1-ISUP/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **DISCONNECT** message for call A-C, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold and sends towards user C a **REL** message.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B User C: REL;	
Comments:	ISDN FACILITY -> SUT -> CPG ISUP (B), REL ISUP (C)	

TP510208	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.2
TSS reference:	DSS1-ISUP/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with one call in state N10 (towards remote user B, call towards user C has been disconnected; 3PTY conference had been established), on receipt of a **RETRIEVE** message for call A-B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected.	
ISDN Parameter values:	RETRIEVE;	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B User C: REL;	
Comments:	ISDN FACILITY -> SUT -> CPG ISUP	

TP510209	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.2
TSS reference:	DSS1-ISUP/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **REL** message from user B, sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and sends a **DISCONNECT** message for call A-B.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	User B: REL; User C: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISUP REL (B) -> SUT -> DISCONNECT ISDN (A-B), CPG ISUP (C)	

TP510210	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.2
TSS reference:	DSS1-ISUP/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **REL** message from user C, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold and sends a **DISCONNECT** message for call A-C.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	User B: REL; User C: CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B	
Comments:	ISUP REL (C) -> SUT -> DISCONNECT ISDN (A-C), CPG ISUP (B)	

TP510211	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.2
TSS reference:	DSS1-ISUP/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with one call in state N10 (towards remote user B, user C has disconnected; 3PTY conference had been established), on receipt of a **RETRIEVE** message for call A-B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected.	
ISDN Parameter values:	RETRIEVE;	
ISUP Parameter values:	User B: REL; **Generic notification indicator parameter** Notification indicator = '1000011'B User C: -;	
Comments:	ISDN RETRIEVE -> SUT -> CPG ISUP	

6.3.1.10.3 Notification at T reference point

ISDN selection criteria: T reference point.

TP510301	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference established, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP510302	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference disconnected, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000011'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP510303	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.13.3
TSS reference:	DSS1-ISUP/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = remote hold, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

6.3.1.11 Closed User Group (CUG)

6.3.1.11.1 CUG subscribed

ISDN selection criteria: CUG subscribed.

TP511101	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.14
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (implicit CUG request), on receipt of a **REL** message with the **Cause indicators parameter** coded Cause value = 55, Incoming calls barred within CUG, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 29, Facility rejected.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '0011101'B	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = '0110111'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP511102	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.14
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (explicit CUG request), on receipt of a **REL** message with the **Cause indicators parameter** coded Cause value = 55, Incoming calls barred within CUG, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 29, Facility rejected and with the **Facility information element** containing a **CUGCall return error component** coded Error value = incomingCallBarredWithinCUG.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '0011101'B **Facility information element** Component = CUGCall return error Error value = 19	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = '0110111'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP511103	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.14
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (implicit CUG request), on receipt of a **REL** message with the **Cause indicators parameter** coded Cause value = 87, User not member of CUG, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 87, User not member of CUG.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '1010111'B	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = '1010111'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP511104	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.14
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (explicit CUG request), on receipt of a **REL** message with the **Cause indicators parameter** coded Cause value = 87, User not member of CUG, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 29, Facility rejected and with the **Facility information element** containing a **CUGCall return error component** coded Error value = userNotMemberOfCUG.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '0011101'B **Facility information element** Component = CUGCall return error Error value = 20	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = '1010111'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP511105	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.14
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (implicit CUG request), on receipt of a **REL** message with the **Cause indicators parameter** coded Cause value = 29, Facility rejected Diagnostics = Closed user group interlock code parameter name, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 87, User not member of CUG.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '1010111'B	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = '0011101'B Diagnostics = '00011010'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP511106	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.14
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (explicit CUG request), on receipt of a **REL** message with the **Cause indicators parameter** coded Cause value = 29, Facility rejected Diagnostics = Closed user group interlock code parameter name, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 29, Facility rejected and with the **Facility information element** containing a **CUGCall return error component** coded Error value = userNotMemberOfCUG.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '0011101'B **Facility information element** Component = CUGCall return error Error value = 20	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = '0011101'B Diagnostics = 00011010'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP511107	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.14
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (implicit CUG request), on receipt of a **REL** message with the **Cause indicators parameter** coded Cause value = other than 29, 55 or 87, sends a **DISCONNECT** message.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = PIXIT	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP511108	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.14
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (explicit CUG request), on receipt of a **REL** message with the **Cause indicators parameter** coded Cause value = other than 29, 55 or 87, sends a **DISCONNECT** message with the **Facility information element** containing a **CUGCall return error component** coded Error value = basicServiceNotProvided.	
ISDN Parameter values:	DISCONNECT; **Facility information element** Component = CUGCall return error Error value = 8	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = PIXIT	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP511109	ISDN reference: EN 300 138-1 [24], table 4	ISUP reference: ETS 300 356-9 [12], clause 1.5
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:	CUG subscription option: Barring within the CUG <> outgoing call	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **CUGCall invoke component** coded, OARequested = ISDN_OAR CUGIndex present, sends an **IAM** message with the **Optional forward call indicators parameter** coded Closed user group call indicator = closed user group call, outgoing access allowed or closed user group call, outgoing access not allowed and with the **Closed user group interlock code parameter** giving the interlock code of the CUG identified by the CUGIndex.	
ISDN Parameter values:	SETUP; **Facility information element** Component = CUGCall invoke component OARequested = ISDN_OAR CUGIndex = PIXIT	
ISUP Parameter values:	IAM; **Optional forward call indicators parameter** Closed user group call indicator = '10'B or '11'B **Closed user group interlock code parameter** = PIXIT	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

Values for the test purposes TP511109		
VA_01	ISDN_OAR = TRUE	-
VA_02	ISDN_OAR = FALSE	-
Comments:	The above test case has to be tested for the following combinations of subscription options available per ISDN number (see EN 300 138-2 [30]; table 1): 1. Preferential CUG = Non designated Outgoing access = Not allowed. 2. Preferential CUG = Non designated Outgoing access = Allowed. 3. Preferential CUG = Nominated CUGIndex Outgoing access = Not allowed. 4. Preferential CUG = Nominated CUGIndex Outgoing access = Allowed.	

TP511110	ISDN reference: EN 300 138-1 [24], table 4	ISUP reference: ETS 300 356-9 [12], clause 1.5
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:	CUG subscription option: Barring within the CUG <> outgoing call AND ISDN number subscription option: Preferential CUG = nominated CUGIndex	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **CUGCall invoke component** coded, OARequested = FALSE CUGIndex not present, sends an **IAM** message with the **Optional forward call indicators parameter** coded Closed user group call indicator = closed user group call, outgoing access allowed or closed user group call, outgoing access not allowed and with the **Closed user group interlock code parameter** giving the interlock code of the nominated CUGIndex.	
ISDN Parameter values:	SETUP; **Facility information element** Component = CUGCall invoke component OARequested = FALSE CUGIndex not present	
ISUP Parameter values:	IAM; **Optional forward call indicators parameter** Closed user group call indicator = '10'B or '11'B **Closed user group interlock code parameter** = PIXIT	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP511111	ISDN reference: EN 300 138-1 [24], table 4	ISUP reference: ETS 300 356-9 [12], clause 1.5
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:	CUG subscription option: Barring within the CUG <> outgoing call AND ISDN number subscription option: Preferential CUG = nominated CUGIndex	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message without a **Facility information element**, sends an **IAM** message with the **Optional forward call indicators parameter** coded Closed user group call indicator = closed user group call, outgoing access allowed or closed user group call, outgoing access not allowed and with the **Closed user group interlock code parameter** giving the interlock code of the nominated CUGIndex.	
ISDN Parameter values:	SETUP; **Facility information element** not present	
ISUP Parameter values:	IAM; **Optional forward call indicators parameter** Closed user group call indicator = '10'B or '11'B **Closed user group interlock code parameter** = PIXIT	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

Values for the test purposes TP511110 and TP511111	
Comments:	The above test cases have to be tested for the following subscription options available per ISDN number (see EN 300 138-2 [30]; table 1): 1. Outgoing access = Not allowed 2. Outgoing access = Allowed

TP511112	ISDN reference: EN 300 138-1 [24], table 4	ISUP reference: ETS 300 356-9 [12], clause 1.5
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:	ISDN number subscription option: Outgoing access = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **CUGCall invoke component** coded, OARequested = TRUE CUGIndex not present, sends an **IAM** message optionally with the **Optional forward call indicators parameter** coded Closed user group call indicator = non-CUG call and without the **Closed user group interlock code parameter**.	
ISDN Parameter values:	SETUP; **Facility information element** Component = CUGCall invoke component OARequested = TRUE CUGIndex not present	
ISUP Parameter values:	IAM; **Optional forward call indicators parameter** (presence optional) Closed user group call indicator = '00'B **Closed user group interlock code parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

Values for the test purposes TP511112	
Comments:	The above test case has to be tested for the following combinations of subscription options available per CUG and per ISDN number (see EN 300 138-2 [30]; tables 1 and 2): 1. Barring within the CUG <> outgoing call Preferential CUG = Non designated 2. Barring within the CUG = outgoing call Preferential CUG = Non designated 3. Barring within the CUG <> outgoing call Preferential CUG = Nominated CUGIndex 4. Barring within the CUG = outgoing call Preferential CUG = Nominated CUGIndex

TP511113	ISDN reference: EN 300 138-1 [24], table 4	ISUP reference: ETS 300 356-9 [12], clause 1.5
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:	ISDN number subscription option: Outgoing access = allowed AND ISDN number subscription option: Preferential CUG = non designated	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **CUGCall invoke component** coded, OARequested = FALSE CUGIndex not present, sends an **IAM** message optionally with the **Optional forward call indicators parameter** coded Closed user group call indicator = non-CUG call and without the **Closed user group interlock code parameter**.	
ISDN Parameter values:	SETUP; **Facility information element** Component = CUGCall invoke component OARequested = FALSE CUGIndex not present	
ISUP Parameter values:	IAM; **Optional forward call indicators parameter** (presence optional) Closed user group call indicator = '00'B **Closed user group interlock code parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP511114	ISDN reference: EN 300 138-1 [24], table 4	ISUP reference: ETS 300 356-9 [12], clause 1.5
TSS reference:	DSS1-ISUP/SS/CUG/Subscribed	
ISDN selection criteria:	ISDN number subscription option: Outgoing access = allowed AND ISDN number subscription option: Preferential CUG = non designated	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message without a **Facility information element**, sends an **IAM** message optionally with the **Optional forward call indicators parameter** coded Closed user group call indicator = non-CUG call and without the **Closed user group interlock code parameter**.	
ISDN Parameter values:	SETUP; **Facility information element** not present	
ISUP Parameter values:	IAM; **Optional forward call indicators parameter** (presence optional) Closed user group call indicator = '00'B **Closed user group interlock code parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

Values for the test purposes TP511113 and TP511114	
Comments:	The above test cases have to be tested for the following subscription options available per CUG (see EN 300 138-2 [30], table 2): 1. Barring within the CUG <> outgoing call 2. Barring within the CUG = outgoing call

6.3.1.11.2 CUG not subscribed

TP511201	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.14
TSS reference:	DSS1-ISUP/SS/CUG/Not subscribed	
ISDN selection criteria:	CUG not subscribed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **REL** message with the **Cause indicators parameter** coded Cause value = 87, User not member of CUG, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 87, User not member of CUG.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '1010111'B	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = '1010111'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

6.3.1.12 User to User Signalling (UUS)

6.3.1.12.1 Service 1 (UUS1) implicit

ISDN selection criteria: UUS1 implicit subscribed.

TP512101	**ISDN reference:** **EN 300 286-1 [25]**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.2.15.1**
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **User-user information element** without user information, sends an **IAM** message with the **User-to-user parameter** without user information.	
ISDN Parameter values:	SETUP; **User-user information element** User information not present	
ISUP Parameter values:	IAM; **User-to-user parameter** User information not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP512102	**ISDN reference:** **EN 300 286-1 [25]**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.2.15.1**
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **User-user information element** with user information, sends an **IAM** message with the **User-to-user parameter** with user information.	
ISDN Parameter values:	SETUP; **User-user information element** User information present	
ISUP Parameter values:	IAM; **User-to-user parameter** User information present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP512103	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been activated), on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN and with a **User-to-user parameter**, sends an **ALERTING** message with a **User-user information element**.	
ISDN Parameter values:	ALERTING; **User-user information element**	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B **User-to-user parameter**	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP512104	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been activated), on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and with a **User-to-user parameter**, sends an **ALERTING** message with a **User-user information element**.	
ISDN Parameter values:	ALERTING; **User-user information element**	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B **User-to-user parameter**	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP512105	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been activated), on receipt of a **CON** message with a **User-to-user parameter**, sends a **CONNECT** message with a **User-user information element**.	
ISDN Parameter values:	CONNECT; **User-user information element**	
ISUP Parameter values:	CON; **User-to-user parameter**	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP512106	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of an **ANM** message with a **User-to-user parameter**, sends a **CONNECT** message with a **User-user information element**.	
ISDN Parameter values:	CONNECT; **User-user information element**	
ISUP Parameter values:	ANM; **User-to-user parameter**	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP512107	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a **REL** message with a **User-to-user parameter**, sends a **DISCONNECT** message with a **User-user information element**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512108	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **REL** message with a **User-to-user parameter**, sends a **DISCONNECT** message with a **User-user information element**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512109	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a **DISCONNECT** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP512110	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a **RELEASE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE-> SUT -> REL ISUP	

TP512111	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a **RELEASE COMPLETE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE COMPLETE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP512112	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **DISCONNECT** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP512113	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **RELEASE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE-> SUT -> REL ISUP	

TP512114	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **RELEASE COMPLETE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE COMPLETE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

6.3.1.12.2 Service 1 (UUS1) explicit

ISDN selection criteria: UUS1 explicit subscribed.

TP512201	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service1 Preferred = preferred request and without the **User-user information element**, sends an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = request, not essential Service 2 = no information Service 3 = no information, the **Forward call indicators parameter** coded ISDN user part preference parameter = ISDN user part preferred all the way and without the **User-to-user parameter**.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 1 Preferred = True **User-user information element** not present	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **Forward call indicators parameter** ISDN user part preference parameter = '00'B **User-to-user parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP512202	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service1 Preferred = preferred request, and with the **User-user information element**, sends an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = request, not essential Service 2 = no information Service 3 = no information, the **Forward call indicators parameter** coded ISDN user part preference parameter = ISDN user part preferred all the way and with the **User-to-user parameter**.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 1 Preferred = True **User-user information element**	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **Forward call indicators parameter** ISDN user part preference parameter = '00'B **User-to-user parameter**	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP512203	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service1 Preferred = required request and without the **User-user information element**, sends an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = request, essential Service 2 = no information Service 3 = no information, the **Forward call indicators parameter** coded ISDN user part preference parameter = ISDN user part required all the way and without the **User-to-user parameter**.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 1 Preferred = False **User-user information element** not present	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '11'B Service 2 = '00'B Service 3 = '00'B **Forward call indicators parameter** ISDN user part preference parameter = '10'B **User-to-user parameter** not present	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP512204	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service1 Preferred = required request and with the **User-user information element**, sends an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = request, essential Service 2 = no information Service 3 = no information, the **Forward call indicators parameter** coded ISDN user part preference parameter = ISDN user part required all the way and with the **User-to-user parameter**.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 1 Preferred = False **User-user information element**	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '11'B Service 2 = '00'B Service 3 = '00'B **Forward call indicators parameter** ISDN user part preference parameter = '10'B **User-to-user parameter**	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP512205	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the **User-to-user indicators parameter** coded Type = response Service 1 = provided and without a **User-to-user parameter**, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component** and without the **User-user information element**.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component **User-user information element** not present	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B **User-to-user parameter** not present	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP512206	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN, the **User-to-user indicators parameter** coded Type = response Service 1 = provided and with a **User-to-user parameter**, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component** and with the **User-user information element**.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component **User-user information element**	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B **User-to-user parameter**	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP512207	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING the **User-to-user indicators parameter** coded Type = response Service 1 = provided and without a **User-to-user parameter**, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component** and without the **User-user information element**.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component **User-user information element** not present	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B **User-to-user parameter** not present	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP512208	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING the **User-to-user indicators parameter** coded Type = response Service 1 = provided and with a **User-to-user parameter**, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component** and with the **User-user information element**.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component **User-user information element**	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B **User-to-user parameter**	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP512209	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided and without a **User-to-user parameter**, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component** and without the **User-user information element**.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component **User-user information element** not present	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B **User-to-user parameter** not present	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP512210	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided and with a **User-to-user parameter**, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component** and with the **User-user information element**.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component **User-user information element**	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B **User-to-user parameter**	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP512211	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided and without a **User-to-user parameter**, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component** and without the **User-user information element**.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component **User-user information element** not present	
ISUP Parameter values:	CON; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B **User-to-user parameter** not present	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP512212	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided and with a **User-to-user parameter**, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component** and with the **User-user information element**.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component **User-user information element**	
ISUP Parameter values:	CON; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B **User-to-user parameter**	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP512213	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided and without a **User-to-user parameter**, sends a **DISCONNECT** message with a **Facility information element** containing a **UserUserService return result component** and without the **User-user information element**.	
ISDN Parameter values:	DISCONNECT; **Facility information element** UserUserService return result component **User-user information element** not present	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B **User-to-user parameter** not present	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512214	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested), on receipt of a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided and with a **User-to-user parameter**, sends a **DISCONNECT** message with a **Facility information element** containing a **UserUserService return result component** and with the **User-user information element**.	
ISDN Parameter values:	DISCONNECT; **Facility information element** UserUserService return result component **User-user information element**	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B **User-to-user parameter**	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512215	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of an **ANM** message with the **User-to-user parameter**, sends a **CONNECT** message with the **User-user information element**.	
ISDN Parameter values:	CONNECT; **User-user information element**	
ISUP Parameter values:	ANM; **User-to-user parameter**	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP512216	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a **REL** message with the **User-to-user parameter**, sends a **DISCONNECT** message with the **User-user information element**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512217	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **REL** message with the **User-to-user parameter**, sends a **DISCONNECT** message with the **User-user information element**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512218	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a **DISCONNECT** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP512219	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a **RELEASE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE-> SUT -> REL ISUP	

TP512220	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS1 has been activated), on receipt of a **RELEASE COMPLETE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE COMPLETE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP512221	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **DISCONNECT** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP512222	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **RELEASE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE-> SUT -> REL ISUP	

TP512223	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **RELEASE COMPLETE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE COMPLETE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP512224	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “required"), on receipt of a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = User-user indicators parameter name, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV, and with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00101010'B	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

Values for the test purposes TP512224		
VA_01	ISDN_CV = 29, Facility rejected, 0011101'B	ISUP_CV = 29, Facility rejected, 0011101'B
VA_02	ISDN_CV = 69, Requested facility not implemented, 1000101'B	ISUP_CV = 69, Requested facility not implemented, 1000101'B

TP512225	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “required"), on receipt of an **ANM** message without the **User-to-user indicators parameter**, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 69, Requested facility not implemented, and with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = 1000101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** not present	
Comments:	ISUP ANM -> SUT -> DISCONNECT ISDN	

TP512226	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “required"), on receipt of a **CON** message without the **User-to-user indicators parameter**, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 69, Requested facility not implemented, and with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = 1000101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	CON; **User-to-user indicators parameter** not present	
Comments:	ISUP CON -> SUT -> DISCONNECT ISDN	

TP512227	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “required"), on receipt of a **REL** message without the **User-to-user indicators parameter**, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 69, Requested facility not implemented, and with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = 1000101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** not present	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512228	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “preferred"), on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN and the **User-to-user indicators parameter** coded Type = response Service 1 = not provided, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP512229	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “preferred"), on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and the **User-to-user indicators parameter** coded Type = response Service 1 = not provided, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP512230	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “preferred"), on receipt of an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP512231	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “preferred"), on receipt of a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	CON; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP512232	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “preferred"), on receipt of a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided, sends a **DISCONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512233	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “preferred"), on receipt of an **ANM** message without the **User-to-user indicators parameter**, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** not present	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP512234	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “preferred"), on receipt of a **CON** message without the **User-to-user indicators parameter**, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	CON; **User-to-user indicators parameter** not present	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP512235	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS1 has been requested as “preferred"), on receipt of a **REL** message without the **User-to-user indicators parameter**, sends a **DISCONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** not present	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

6.3.1.12.3 Service 2 (UUS2)

ISDN selection criteria: UUS2 subscribed.

TP512301	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service 2 Preferred = preferred request, sends an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = no information Service 2 = request, not essential Service 3 = no information, the **Forward call indicators parameter** coded ISDN user part preference parameter = ISDN user part preferred all the way.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 2 Preferred = True	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '00'B Service 2 = '10'B Service 3 = '00'B **Forward call indicators parameter** ISDN user part preference parameter = '00'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP512302	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service 2 Preferred = required request, sends an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = no information Service 2 = request, essential Service 3 = no information, the **Forward call indicators parameter** coded ISDN user part preference parameter = ISDN user part required all the way.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 2 Preferred = False	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '00'B Service 2 = '11'B Service 3 = '00'B **Forward call indicators parameter** ISDN user part preference parameter = '10'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP512303	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested), on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN and the **User-to-user indicators parameter** coded Type = response Service 2 = provided, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component**.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B **User-to-user indicators parameter** Type = '1'B Service 2 = '10'B	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP512304	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested), on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and the **User-to-user indicators parameter** coded Type = response Service 2 = provided, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component**.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B **User-to-user indicators parameter** Type = '1'B Service 2 = '10'B	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP512305	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS2 has been activated), on receipt of a **USER INFORMATION** message with the **User-user information element**, sends a **USR** message with a **User-to-user information parameter**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISDN USER INFORMATION-> SUT -> USR ISUP	

TP512306	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS2 has been activated), on receipt of a **USER INFORMATION** message with the **User-user information element** and the **More data information element**, sends a **USR** message with a **User-to-user information parameter** and a **More data parameter**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISDN USER INFORMATION-> SUT -> USR ISUP	

TP512307	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS2 has been activated), on receipt of a **USR** message with the **User-to-user information parameter**, sends a **USER INFORMATION** message with a **User-user information element**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element**	
ISUP Parameter values:	USR; **User-to-user information parameter**	
Comments:	ISUP USR -> SUT -> USER INFORMATION ISDN	

TP512308	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS2 has been activated), on receipt of a **USR** message with the **User-to-user information parameter** and the **More data parameter**, sends a **USER INFORMATION** message with a **User-user information element** and a **More data information element**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISUP USR -> SUT -> USER INFORMATION ISDN	

TP512309	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested as “required"), on receipt of a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = User-user indicators parameter name, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV, and with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00101010'B	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

Values for the test purposes TP512309		
VA_01	ISDN_CV = 29, Facility rejected, 0011101'B	ISUP_CV = 29, Facility rejected, 0011101'B
VA_02	ISDN_CV = 69, Requested facility not implemented, 1000101'B	ISUP_CV = 69, Requested facility not implemented, 1000101'B
VA_03	ISDN_CV = 69, Requested facility not implemented, 1000101'B	ISUP_CV = 88, Incompatible destination, 1011000'B

TP512310	**ISDN reference:** **EN 300 286-1 [25]**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.2.15.3**
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested), on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN and without the **User-to-user indicators parameter**, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 69, Requested facility not implemented, and with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = 1000101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B **User-to-user indicators parameter** not present	
Comments:	ISUP ACM -> SUT -> DISCONNECT ISDN	

TP512311	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested), on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and without the **User-to-user indicators parameter**, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 69, Requested facility not implemented, and with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = 1000101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B **User-to-user indicators parameter** not present	
Comments:	ISUP CPG -> SUT -> DISCONNECT ISDN	

TP512312	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested as “required"), on receipt of a **REL** message without the **User-to-user indicators parameter**, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 69, Requested facility not implemented, and with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = 1000101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** not present	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512313	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested as “preferred"), on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN and the **User-to-user indicators parameter** coded Type = response Service 2 = not provided, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B **User-to-user indicators parameter** Type = '1'B Service 2 = '01'B	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP512314	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested as “preferred"), on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and the **User-to-user indicators parameter** coded Type = response Service 2 = not provided, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B **User-to-user indicators parameter** Type = '1'B Service 2 = '01'B	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP512315	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested as “preferred"), on receipt of a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 2 = not provided, sends a **DISCONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 2 = '01'B	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512316	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested as “preferred"), on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free ISUP indicator = ISUP used all the way ISDN indicator = terminating access is ISDN and without the **User-to-user indicators parameter**, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B ISUP indicator = '1'B ISDN indicator = '1'B **User-to-user indicators parameter** not present	
Comments:	ISUP ACM -> SUT -> ALERTING ISDN	

TP512317	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested as “preferred"), on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and without the **User-to-user indicators parameter**, sends an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B **User-to-user indicators parameter** not present	
Comments:	ISUP CPG -> SUT -> ALERTING ISDN	

TP512318	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.3
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS2 has been requested as “preferred"), on receipt of a **REL** message without the **User-to-user indicators parameter**, sends a **DISCONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** not present	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

6.3.1.12.4 Service 3 (UUS3)

ISDN selection criteria: UUS3 subscribed.

TP512401	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service 3 Preferred = preferred request, sends an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = no information Service 2 = no information Service 3 = request, not essential, the **Forward call indicators parameter** coded ISDN user part preference parameter = ISDN user part preferred all the way.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 3 Preferred = True	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '00'B Service 2 = '00'B Service 3 = '10'B **Forward call indicators parameter** ISDN user part preference parameter = '00'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP512402	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service 3 Preferred = required request, sends an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = no information Service 2 = no information Service 3 = request, essential, the **Forward call indicators parameter** coded ISDN user part preference parameter = ISDN user part required all the way.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 3 Preferred = False	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '00'B Service 2 = '00'B Service 3 = '11'B **Forward call indicators parameter** ISDN user part preference parameter = '10'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP512403	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS3 has been requested), on receipt of a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 3 = provided, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component**.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component	
ISUP Parameter values:	CON; Type = '1'B Service 3 = '10'B	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP512404	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS3 has been requested), on receipt of an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 3 = provided, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component**.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component	
ISUP Parameter values:	ANM; Type = '1'B Service 3 = '10'B	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP512405	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N10, on receipt of a **FACILITY** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service 3 Preferred = preferred request, sends a **FAR** message with the **User-to-user indicators parameter** coded Type = request Service 3 = request, not essential.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService invoke component Service = 3 Preferred = True	
ISUP Parameter values:	FAR; **User-to-user indicators parameter** Type = '0'B Service 3 = '10'B	
Comments:	ISDN FACILITY -> SUT -> ISUP FAR	

TP512406	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been requested), on receipt of a **FAA** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = provided, sends a **FACILITY** message with a **Facility information element** containing a **UserUserService return result component**.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return result component	
ISUP Parameter values:	FAA; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '10'B	
Comments:	ISUP FAA -> SUT -> FACILITY ISDN	

TP512407	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N10, on receipt of a **FAR** message with the **User-to-user indicators parameter** coded Type = request Service 3 = request, not essential, sends a **FACILITY** message with a **Facility information element** containing a **UserUserService invoke component** coded Service 1 = no information Service 2 = no information Service = Service 3 Preferred = preferred request.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService invoke component Service = 3 Preferred = True	
ISUP Parameter values:	FAR; **User-to-user indicators parameter** Type = '0'B Service 1 = '00'B Service 2 = '00'B Service 3 = '10'B	
Comments:	ISUP FAR -> SUT -> ISDN FACILITY	

TP512408	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N10 (UUS3 has been requested), on receipt of a **FACILITY** message with a **Facility information element** containing a **UserUserService return result component**, sends a **FAA** message with the **User-to-user indicators parameter** coded Type = response Service 3 = provided.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return result component	
ISUP Parameter values:	FAA; **User-to-user indicators parameter** Type = '1'B Service 3 = '10'B	
Comments:	ISDN FACILITY -> SUT -> IAM FAA	

TP512409	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been activated), on receipt of a **USER INFORMATION** message with the **User-user information element**, sends a **USR** message with a **User-to-user information parameter**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISDN USER INFORMATION-> SUT -> USR ISUP	

TP512410	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been activated), on receipt of a **USER INFORMATION** message with the **User-user information element** and the **More data information element**, sends a **USR** message with a **User-to-user information parameter** and a **More data parameter**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISDN USER INFORMATION-> SUT -> USR ISUP	

TP512411	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been activated), on receipt of a **USR** message with the **User-to-user information parameter**, sends a **USER INFORMATION** message with a **User-user information element**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element**	
ISUP Parameter values:	USR; **User-to-user information parameter**	
Comments:	ISUP USR -> SUT -> USER INFORMATION ISDN	

TP512412	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been activated), on receipt of a **USR** message with the **User-to-user information parameter** and the **More data parameter**, sends a **USER INFORMATION** message with a **User-user information element** and a **More data information element**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISUP USR -> SUT -> USER INFORMATION ISDN	

TP512413	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS3 has been requested as “required"), on receipt of a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = User-user indicators parameter name, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV, and with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00101010'B	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

Values for the test purposes TP512413		
VA_01	ISDN_CV = 29, Facility rejected, 0011101'B	ISUP_CV = 29, Facility rejected, 0011101'B
VA_02	ISDN_CV = 69, Requested facility not implemented, 1000101'B	ISUP_CV = 69, Requested facility not implemented, 1000101'B

TP512414	**ISDN reference:** **EN 300 286-1 [25]**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.2.15.4**
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS3 has been requested as “required"), on receipt of an **ANM** message without the **User-to-user indicators parameter**, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 69, Requested facility not implemented, and with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = 1000101'B **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** not present	
Comments:	ISUP ANM -> SUT -> DISCONNECT ISDN	

TP512415	**ISDN reference:** **EN 300 286-1 [25]**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.2.15.4**
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS3 has been requested as “required"), on receipt of a **CON** message without the **User-to-user indicators parameter**, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = 69, Requested facility not implemented, and with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = 1000101'B **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	CON; **User-to-user indicators parameter** not present	
Comments:	ISUP CON -> SUT -> DISCONNECT ISDN	

TP512416	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS3 has been requested as “required"), on receipt of a **REL** message without the **User-to-user indicators parameter**, sends a **DISCONNECT** message.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	REL; **User-to-user indicators parameter** not present	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512417	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS3 has been requested as “preferred"), on receipt of an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 3 = not provided, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** Type = '1'B Service 3 = '01'B	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP512418	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS3 has been requested as “preferred"), on receipt of a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 3 = not provided, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	CON; **User-to-user indicators parameter** Type = '1'B Service 2 = '01'B	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP512419	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS3 has been requested as “preferred"), on receipt of a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 3 = not provided, sends a **DISCONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 2 = '01'B	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512420	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS3 has been requested as “preferred"), on receipt of an **ANM** message without the **User-to-user indicators parameter**, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	ACM; **User-to-user indicators parameter** not present	
Comments:	ISUP ANM -> SUT -> CONNECT ISDN	

TP512421	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (UUS3 has been requested as “preferred"), on receipt of a **CON** message without the **User-to-user indicators parameter**, sends a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	CON; **User-to-user indicators parameter** not present	
Comments:	ISUP CON -> SUT -> CONNECT ISDN	

TP512422	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4 (UUS3 has been requested as “preferred"), on receipt of a **REL** message without the **User-to-user indicators parameter**, sends a **DISCONNECT** message.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	REL; **User-to-user indicators parameter** not present	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP512423	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been requested), on receipt of a **FRJ** message with the **User-to-user indicators parameter** coded Type = response Service 3 = not provided, sends a **FACILITY** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	FRJ; **User-to-user indicators parameter** Type = '1'B Service 3 = '01'B	
Comments:	ISUP FRJ -> SUT -> FACILITY ISDN	

TP512424	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been requested), on receipt of a **FACILITY** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **FRJ** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided and with a **Cause parameter** coded Cause value = 29, Facility rejected.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	FRJ; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B **Cause parameter** Cause value = '0011101'B	
Comments:	ISDN FACILITY -> SUT -> ISUP FRJ	

TP512425	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been requested), on receipt of a **FACILITY** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **FRJ** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided and with a **Cause parameter** coded Cause value = 29, Facility rejected.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	FRJ; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B **Cause parameter** Cause value = '0011101'B	
Comments:	ISDN FACILITY -> SUT -> ISUP FRJ	

TP512426	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.15.4
TSS reference:	DSS1-ISUP/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been requested), on the expiry of timer T1, sends a **FRJ** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided and with a **Cause parameter** coded Cause value = 69, Requested facility not implemented.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	FRJ; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B **Cause parameter** Cause value = '1000101'B	
Comments:	ISDN FACILITY -> SUT -> ISUP FRJ	

6.3.1.13 Completion of Call to Busy Subscriber (CCBS)

ISDN selection criteria: CCBS subscribed.

6.3.1.13.1 S/T reference point

ISDN selection criteria: S/T reference point.

TP513101	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.17.1
TSS reference:	DSS1-ISUP/SS/CCBS/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS possible, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV and with a **Facility information element** containing a **CallInfoRetain invoke component**.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** CallInfoRetain invoke component	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

Values for the test purpose TP513101		
VA_01	ISDN_CV = 17, user busy, '0010001'B	ISUP_CV = 17, user busy, '0010001'B
VA_02	ISDN_CV = 34, no circuit/channel available, '0100010'B	ISUP_CV = 34, no circuit/channel available, '0100010'B

TP513102	**ISDN reference:** **EN 300 359-1 [26]**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.2.17.1**
TSS reference:	DSS1-ISUP/SS/CCBS/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state (CCBS has been activated, remote user free indication has been delivered), on receipt of a **SETUP** message with a **Facility information element** containing a **CCBSCall invoke component**, sends an **IAM** message with the **Forward call indicators parameter** coded ISDN user part preference indicator = ISDN user part required all the way and the **CCBS parameter** coded CCBS call indicator = CCBS call.	
ISDN Parameter values:	SETUP; **FACILITY information element** CCBSCall invoke component	
ISUP Parameter values:	IAM; **Forward call indicators parameter** ISDN user part preference indicator = '10'B **CCBS parameter** CCBS call indicator = '1'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP513103	**ISDN reference:** **EN 300 359-1 [26]**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.2.17.1**
TSS reference:	DSS1-ISUP/SS/CCBS/S T reference point	
ISDN selection criteria:	CCBS request retention option supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (CCBS call has been initiated), on receipt of a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS possible, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV and without a **Facility information element** containing a **CallInfoRetain invoke component**.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** not present	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP513104	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.17.1
TSS reference:	DSS1-ISUP/SS/CCBS/S T reference point	
ISDN selection criteria:	CCBS request retention option not supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (CCBS call has been initiated), on receipt of a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS possible, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV and with a **Facility information element** containing a **CallInfoRetain invoke component**.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** CallInfoRetain invoke component	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP513105	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.17.1
TSS reference:	DSS1-ISUP/SS/CCBS/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (CCBS call has been initiated), on receipt of a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS not possible, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV and without a **Facility information element** containing a **CallInfoRetain invoke component**.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** not present	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000010'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

Values for the test purpose TP513103 - TP513105		
VA_01	ISDN_CV = 17, user busy, '0010001'B	ISUP_CV = 17, user busy, '0010001'B
VA_02	ISDN_CV = 34, no circuit/channel available, '0100010'B	ISUP_CV = 34, no circuit/channel available, '0100010'B

TP513106	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.17.1
TSS reference:	DSS1-ISUP/SS/CCBS/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (CCBS call has been initiated), on receipt of a **REL** message with the **Cause parameter** coded Cause value = other than 17 or 34, sends a **DISCONNECT** message and sends a **FACILITY** message with the **dummy call reference** and with a **Facility information element** containing a **CCBSErase invoke component** coded eraseReason = basic-call-failed.	
ISDN Parameter values:	DISCONNECT; FACILITY; **Dummy call reference** **Facility information element** CCBSErase invoke component eraseReason = 3	
ISUP Parameter values:	REL; **Cause parameter** Cause value = other than 17 or 34	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT, FACILITY	

6.3.1.13.2 T reference point

ISDN selection criteria: T reference point.

TP513201	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.17.2
TSS reference:	DSS1-ISUP/SS/CCBS/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS possible, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV and with a **Facility information element** containing a **CCBS-T-Available invoke component**.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** CCBS-T-Available invoke component	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

Values for the test purpose TP513201		
VA_01	ISDN_CV = 17, user busy, '0010001'B	ISUP_CV = 17, user busy, '0010001'B
VA_02	ISDN_CV = 34, no circuit/channel available, '0100010'B	ISUP_CV = 34, no circuit/channel available, '0100010'B

TP513202	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.17.2
TSS reference:	DSS1-ISUP/SS/CCBS/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state (CCBS has been activated, remote user free indication has been delivered), on receipt of a **SETUP** message with a **Facility information element** containing a **CCBS-T-Call invoke component**, sends an **IAM** message with the **Forward call indicators parameter** coded ISDN user part preference indicator = ISDN user part required all the way and the **CCBS parameter** coded CCBS call indicator = CCBS call.	
ISDN Parameter values:	SETUP; **FACILITY information element** CCBS-T-Call invoke component	
ISUP Parameter values:	IAM; **Forward call indicators parameter** ISDN user part preference indicator = '10'B **CCBS parameter** CCBS call indicator = '1'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

6.3.1.14 Explicit Call Transfer (ECT)

ISDN selection criteria: ECT subscribed.

6.3.1.14.1 S/T reference point

ISDN selection criteria: S/T reference point.

NOTE: User A: served user; users B and C: remote users.

6.3.1.14.1.1 Loop prevention procedure

ISDN selection criteria: Loop prevention procedure supported.

TP514101	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), having received an implicit request for ECT for call A-C and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists, sends a **FACILITY** message for call A-C with the **Facility information element** containing an **EctExecute return result component**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctExecute return result component	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514102	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), having received an implicit request for ECT for call A-C and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = ISUP_RI, sends a **FACILITY** message for call A-C with the **Facility information element** containing an **EctExecute return result component**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctExecute return result component	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = ISUP_RI	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514103	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), having received an implicit request for ECT for call A-C and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = ISUP_RI and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists, sends a **FACILITY** message for call A-C with the **Facility information element** containing an **EctExecute return result component**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctExecute return result component	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = ISUP_RI User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

Values for the test purpose TP514102 - TP514103		
VA_01	-	ISUP_RI = insufficient information, '00'B
VA_02	-	ISUP_RI = simultaneous transfer, '10'B

TP514104	**ISDN reference:** **EN 300 369-1 [27]**	**ISUP reference:** **EN 300 899-1 [1], clause 2.1.2.18.1.1**
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), having received an explicit request for ECT for call A-B and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists, sends a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute return result component**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute return result component	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514105	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), having received an explicit request for ECT for call A-B and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = ISUP_RI, sends a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute return result component**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute return result component	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = ISUP_RI	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514106	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Idle auxiliary state), having received an explicit request for ECT for call A-B and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists, sends a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute return result component**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute return result component	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514107	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Idle auxiliary state), having received an explicit request for ECT for call A-B and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = ISUP_RI, sends a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute return result component**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute return result component	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = ISUP_RI	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

Values for the test purpose TP514104 - TP514107		
VA_01	-	ISUP_RI = insufficient information, '00'B
VA_02	-	ISUP_RI = simultaneous transfer, '10'B

TP514108	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), having received an explicit request for ECT for call A-B and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = ISUP_RI and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists, sends a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute return result component**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute return result component	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = ISUP_RI User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514109	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Idle auxiliary state), having received an explicit request for ECT for call A-B and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = ISUP_RI and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = no loop exists, sends a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute return result component**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute return result component	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = ISUP_RI User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '01'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514110	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), having received an implicit request for ECT for call A-C and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = simultaneous transfer and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = simultaneous transfer, sends a **FACILITY** message for call A-C with the **Facility information element** containing an **EctExecute return error component** coded Error value = notAvailable.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctExecute return error component Error value = 3	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '10'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '10'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514111	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:		
ISUP selection criteria:	Call transfer rejection on “insufficient information" supported	
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), having received an implicit request for ECT for call A-C and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = insufficient information and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = insufficient information, sends a **FACILITY** message for call A-C with the **Facility information element** containing an **EctExecute return error component** coded Error value = notAvailable.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctExecute return error component Error value = 3	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '00'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '00'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514112	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), having received an explicit request for ECT for call A-B and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = simultaneous transfer and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = simultaneous transfer, sends a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute return error component** coded Error value = notAvailable.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute return error component Error value = 3	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '10'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '10'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514113	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:	Call transfer rejection on “insufficient information" supported	
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), having received an explicit request for ECT for call A-B and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = insufficient information and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = insufficient information, sends a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute return error component** coded Error value = notAvailable.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute return error component Error value = 3	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '00'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '00'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514114	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Idle auxiliary state), having received an explicit request for ECT for call A-B and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = simultaneous transfer and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = simultaneous transfer, sends a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute return error component** coded Error value = notAvailable.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute return error component Error value = 3	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '10'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '10'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

TP514115	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.1
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Loop prevention	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:	Call transfer rejection on “insufficient information" supported	
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Idle auxiliary state), having received an explicit request for ECT for call A-B and having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **LOP** message from user B with the **Loop prevention indicators parameter** coded Type = response Response indicator = insufficient information and a **LOP** message from user C with the **Loop prevention indicators parameter** coded Type = response Response indicator = insufficient information, sends a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute return error component** coded Error value = notAvailable.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute return error component Error value = 3	
ISUP Parameter values:	User B: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '00'B User C: LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '00'B	
Comments:	ISUP 2 LOP -> SUT -> FACILITY ISDN	

6.3.1.14.1.2 Service invocation

TP514201	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.2
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), on receipt of a **FACILITY** message for call A-C with the **Facility information element** containing an **EctExecute invoke component**, sends a **FAC** message towards user B with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, active and sends a **FAC** message towards user C with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, active.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctExecute invoke component	
ISUP Parameter values:	User B: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B User C: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B	
Comments:	ISDN FACILITY -> SUT -> 2 FAC ISUP	

TP514202	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.2
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Call Held auxiliary state), on receipt of a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute invoke component**, sends a **FAC** message towards user B with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, active and sends a **FAC** message towards user C with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, active.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute invoke component	
ISUP Parameter values:	User B: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B User C: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B	
Comments:	ISDN FACILITY -> SUT -> 2 FAC ISUP	

TP514203	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.2
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:	Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote user B in the Idle auxiliary state and towards user C in the Idle auxiliary state), on receipt of a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute invoke component**, sends a **FAC** message towards user B with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, active and sends a **FAC** message towards user C with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, active.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute invoke component	
ISUP Parameter values:	User B: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B User C: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B	
Comments:	ISDN FACILITY -> SUT -> 2 FAC ISUP	

TP514204	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.2
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:	ECT invocation in N4 supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with one call in state N10 (towards remote user B in the Idle auxiliary state) and one call in state N4 (towards user C in the Call Held auxiliary state), on receipt of a **FACILITY** message for call A-C with the **Facility information element** containing an **EctExecute invoke component**, sends a **FAC** message towards user B with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, active and sends a **CPG** message towards user C with the **Generic notification parameter** coded Notification indicator = Call transfer, alerting.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctExecute invoke component	
ISUP Parameter values:	User B: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101001'B User C: CPG; **Generic notification parameter** Notification indicator = '1101010'B	
Comments:	ISDN FACILITY -> SUT -> FAC ISUP (B), CPG ISUP (C)	

TP514205	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.2
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:	ECT invocation in N4 supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with one call in state N10 (towards remote user B in the Call Held auxiliary state) and one call in state N4 (towards user C in the Idle auxiliary state), on receipt of a **FACILITY** message for call A-B with the **Facility information element** containing an **EctExecute invoke component**, sends a **FAC** message towards user B with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, alerting and sends a **CPG** message towards user C with the **Generic notification parameter** coded Notification indicator = Call transfer, active.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctExecute invoke component	
ISUP Parameter values:	User B: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101001'B User C: CPG; **Generic notification parameter** Notification indicator = '1101010'B	
Comments:	ISDN FACILITY -> SUT -> FAC ISUP (B), CPG ISUP (C)	

TP514206	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.2
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:	ECT invocation in N4 supported AND Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with one call in state N10 (towards remote user B in the Idle auxiliary state) and one call in state N4 (towards user C in the Idle auxiliary state), on receipt of a **FACILITY** message for call A-C with the **Facility information element** containing an **ExplicitEctExecute invoke component**, sends a **FAC** message towards user B with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, alerting and sends a **CPG** message towards user C with the **Generic notification parameter** coded Notification indicator = Call transfer, active.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute invoke component	
ISUP Parameter values:	User B: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101001'B User C: CPG; **Generic notification parameter** Notification indicator = '1101010'B	
Comments:	ISDN FACILITY -> SUT -> FAC ISUP (B), CPG ISUP (C)	

TP514207	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.2
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:	ECT invocation in N4 supported AND Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with one call in state N10 (towards remote user B in the Idle auxiliary state) and one call in state N4 (towards user C in the Idle auxiliary state), on receipt of a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute invoke component**, sends a **FAC** message towards user B with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, alerting and sends a **CPG** message towards user C with the **Generic notification parameter** coded Notification indicator = Call transfer, active.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute invoke component	
ISUP Parameter values:	User B: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101001'B User C: CPG; **Generic notification parameter** Notification indicator = '1101010'B	
Comments:	ISDN FACILITY -> SUT -> FAC ISUP (B), CPG ISUP (C)	

TP514208	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.2
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:	ECT invocation in N4 supported AND Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with one call in state N10 (towards remote user B in the Call Held auxiliary state) and one call in state N4 (towards user C in the Idle auxiliary state), on receipt of a **FACILITY** message for call A-C with the **Facility information element** containing an **ExplicitEctExecute invoke component**, sends a **FAC** message towards user B with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, alerting and sends a **CPG** message towards user C with the **Generic notification parameter** coded Notification indicator = Call transfer, active.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute invoke component	
ISUP Parameter values:	User B: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101001'B User C: CPG; **Generic notification parameter** Notification indicator = '1101010'B	
Comments:	ISDN FACILITY -> SUT -> FAC ISUP (B), CPG ISUP (C)	

TP514209	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.1.2
TSS reference:	DSS1-ISUP/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:	ECT invocation in N4 supported AND Explicit linkage procedure supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with one call in state N10 (towards remote user B in the Idle auxiliary state) and one call in state N4 (towards user C in the Call Held auxiliary state), on receipt of a **FACILITY** message for call A-B with the **Facility information element** containing an **ExplicitEctExecute invoke component**, sends a **FAC** message towards user B with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, alerting and sends a **CPG** message towards user C with the **Generic notification parameter** coded Notification indicator = Call transfer, active.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = ExplicitEctExecute invoke component	
ISUP Parameter values:	User B: FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101001'B User C: CPG; **Generic notification parameter** Notification indicator = '1101010'B	
Comments:	ISDN FACILITY -> SUT -> FAC ISUP (B), CPG ISUP (C)	

6.3.1.14.2 T reference point

ISDN selection criteria: T reference point.

6.3.1.14.2.1 Loop prevention procedure

ISDN selection criteria: Loop prevention procedure supported.

TP514301	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.2.1
TSS reference:	DSS1-ISUP/SS/ECT/T reference point/Loop prevention	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FACILITY** message with the **Facility information element** containing an **EctLoopTest invoke component**, sends a **LOP** message with the **Loop prevention indicators parameter** coded Type = request and with the **Call transfer reference parameter**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctLoopTest invoke component	
ISUP Parameter values:	LOP; **Loop prevention indicators parameter** Type = '0'B **Call transfer reference parameter**	
Comments:	ISDN FACILITY -> SUT -> LOP ISUP	

TP514302	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.2.1
TSS reference:	DSS1-ISUP/SS/ECT/T reference point/Loop prevention	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, the procedure to avoid looping of uncontrolled circuits has been requested, on receipt of a **LOP** message with the **Loop prevention indicators parameter** coded Type = response Response indicator = ISUP_RI and with the **Call transfer reference parameter**, sends a **FACILITY** message with the **Facility information element** containing an **EctLoopTest return result component coded** LoopResult = ISDN_LR.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctLoopTest return result component LoopResult = ISDN_LR	
ISUP Parameter values:	LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = ISUP_RI **Call transfer reference parameter**	
Comments:	ISUP LOP -> SUT -> FACILITY ISDN	

Values for the test purpose TP514302		
VA_01	ISUP_LR = insufficient information, 0	ISUP_RI = insufficient information, '00'B
VA_02	ISUP_LR = no loop exists, 1	ISUP_RI = no loop exists, '01'B
VA_03	ISUP_LR = simultaneous transfer, 2	ISUP_RI = simultaneous transfer, '10'B

6.3.1.14.2.2 Service invocation

TP514401	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.2.2
TSS reference:	DSS1-ISUP/SS/ECT/T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded Argument value = alerting, sends a **CPG** message with the **Event information parameter** coded Event type = Progress and with the **Generic notification parameter** coded Notification indicator = Call transfer, alerting.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 0	
ISUP Parameter values:	CGP; **Event information parameter** Type = '0000010'B **Generic notification parameter** Notification indicator = '1101001'B	
Comments:	ISDN FACILITY -> SUT -> CGP ISUP	

TP514402	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.2.2
TSS reference:	DSS1-ISUP/SS/ECT/T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded Argument value = alerting, sends a **FAC** message with the **Service activation parameter** coded Feature code = Call transfer and with the **Generic notification parameter** coded Notification indicator = Call transfer, alerting.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 0	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101001'B	
Comments:	ISDN FACILITY -> SUT -> FAC ISUP	

TP514403	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.2.2
TSS reference:	DSS1-ISUP/SS/ECT/T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N4, on receipt of a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded, Argument value = active Redirection number present and with a **Facility information element** containing a **SubaddressTransfer invoke component**, sends a **CPG** message with the **Event information parameter** coded Event type = Progress, with the **Generic notification parameter** coded Notification indicator = Call transfer, active, with the **Call transfer number parameter** and including the Facility information element with the SubaddressTransfer invoke component in the **Access transport parameter**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number present **Facility information element** SubaddressTransfer invoke component	
ISUP Parameter values:	CGP; **Event information parameter** Type = '0000010'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** **Access transport parameter** including the Facility information element with the SubaddressTransfer invoke component	
Comments:	ISDN FACILITY -> SUT -> CGP ISUP	

TP514404	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.2.2
TSS reference:	DSS1-ISUP/SS/ECT/T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded Argument value = active Redirection number present and with a **Facility information element** containing a **SubaddressTransfer invoke component**, sends a **FAC** message with the **Service activation parameter** coded Feature code = Call transfer, with the **Generic notification parameter** coded Notification indicator = Call transfer, active, with the **Call transfer number parameter** and including the Facility information element with the SubaddressTransfer invoke component in the **Access transport parameter**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number present **Facility information element** SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** **Access transport parameter** including the Facility information element with the SubaddressTransfer invoke component	
Comments:	ISDN FACILITY -> SUT -> FAC ISUP	

TP514405	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.2.2
TSS reference:	DSS1-ISUP/SS/ECT/T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = Call transfer and including a Facility information element with a SubaddressTransfer invoke component in the **Access transport parameter**, sends a **FACILITY** message with the **Facility information element** containing a **SubaddressTransfer invoke component**.	
ISDN Parameter values:	FACILITY; **Facility information element** SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP514406	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 2.1.2.18.2.2
TSS reference:	DSS1-ISUP/SS/ECT/T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FACILITY** message with the **Facility information element** containing a **SubaddressTransfer invoke component**, sends a **FAC** message with the **Service activation parameter** coded Feature code = Call transfer and including the Facility information element with the SubaddressTransfer invoke component in the **Access transport parameter**.	
ISDN Parameter values:	FACILITY; **Facility information element** SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Access transport parameter** including the Facility information element with the SubaddressTransfer invoke component	
Comments:	ISDN FACILITY -> SUT -> FAC ISUP	

6.3.1.15 Completion of Calls on No Reply (CCNR)

ISDN selection criteria: CCNR subscribed.

6.3.1.15.1 S/T reference point

ISDN selection criteria: S/T reference point.

TP515101	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	DSS1-ISUP/SS/CCNR/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free and with the **CCNR possible indicator parameter** coded CCNR possible indicator = CCNR possible, sends an **ALERTING** message with the **Facility information element** containing a **CallInfoRetain invoke component**.	
ISDN Parameter values:	ALERTING; **Facility information element** CallInfoRetain invoke component	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B **CCNR possible indicator parameter** CCNR possible indicator = '1'B	
Comments:	ISUP ACM -> SUT -> ISDN ALERTING	

TP515102	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	DSS1-ISUP/SS/CCNR/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and with the **CCNR possible indicator parameter** coded CCNR possible indicator = CCNR possible, sends an **ALERTING** message with the **Facility information element** containing a **CallInfoRetain invoke component**.	
ISDN Parameter values:	ALERTING; **Facility information element** CallInfoRetain invoke component	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B, **CCNR possible indicator parameter** CCNR possible indicator = '1'B	
Comments:	ISUP CPG -> SUT -> ISDN ALERTING	

TP515103	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	DSS1-ISUP/SS/CCNR/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state (CCNR has been activated, remote user free indication has been delivered), on receipt of a **SETUP** message with a **Facility information element** containing a **CCBSCall invoke component**, sends an **IAM** message with the **Forward call indicators parameter** coded ISDN user part preference indicator = ISDN user part required all the way and the **CCSS parameter** coded CCSS call indicator = CCSS call.	
ISDN Parameter values:	SETUP; **FACILITY information element** CCBSCall invoke component	
ISUP Parameter values:	IAM; **Forward call indicators parameter** ISDN user part preference indicator = '10'B **CCSS parameter** CCSS call indicator = '1'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

TP515104	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	DSS1-ISUP/SS/CCNR/S T reference point	
ISDN selection criteria:	CCBS request retention option supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (CCNR call has been initiated), on receipt of a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCNR possible, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV and without a **Facility information element** containing a **CallInfoRetain invoke component**.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** not present	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP515105	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	DSS1-ISUP/SS/CCNR/S T reference point	
ISDN selection criteria:	CCBS request retention option not supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (CCNR call has been initiated), on receipt of a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCNR possible, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV and with a **Facility information element** containing a **CallInfoRetain invoke component**.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** CallInfoRetain invoke component	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

TP515106	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	DSS1-ISUP/SS/CCNR/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (CCNR call has been initiated), on receipt of a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS not possible, sends a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV and without a **Facility information element** containing a **CallInfoRetain invoke component**.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** not present	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000010'B	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT	

Values for the test purpose TP515104 - TP515106		
VA_01	ISDN_CV = 17, user busy, '0010001'B	ISUP_CV = 17, user busy, '0010001'B
VA_02	ISDN_CV = 34, no circuit/channel available, '0100010'B	ISUP_CV = 34, no circuit/channel available, '0100010'B

TP515107	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	DSS1-ISUP/SS/CCNR/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3 (CCNR call has been initiated), on receipt of a **REL** message with the **Cause parameter** coded Cause value = other than 17 or 34, sends a **DISCONNECT** message and sends a **FACILITY** message with the **dummy call reference** and with a **Facility information element** containing a **CCBSErase invoke component** coded eraseReason = basic-call-failed.	
ISDN Parameter values:	DISCONNECT; FACILITY; **Dummy call reference** **Facility information element** CCBSErase invoke component eraseReason = 3	
ISUP Parameter values:	REL; **Cause parameter** Cause value = other than 17 or 34	
Comments:	ISUP REL -> SUT -> ISDN DISCONNECT, FACILITY	

6.3.1.15.2 T reference point

ISDN selection criteria: T reference point.

TP515201	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	DSS1-ISUP/SS/CCNR/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free and with the **CCNR possible indicator parameter** coded CCNR possible indicator = CCNR possible, sends an **ALERTING** message with the **Facility information element** containing a **CCBS-T-Available invoke component**.	
ISDN Parameter values:	ALERTING; **Facility information element** CCBS-T-Available invoke component	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B **CCNR possible indicator parameter** CCNR possible indicator = '1'B	
Comments:	ISUP ACM -> SUT -> ISDN ALERTING	

TP515202	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	DSS1-ISUP/SS/CCNR/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N3, on receipt of a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and with the **CCNR possible indicator parameter** coded CCNR possible indicator = CCNR possible, sends an **ALERTING** message with the **Facility information element** containing a **CCBS-T-Available invoke component**.	
ISDN Parameter values:	ALERTING; **Facility information element** CCBS-T-Available invoke component	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B, **CCNR possible indicator parameter** CCNR possible indicator = '1'B	
Comments:	ISUP CPG -> SUT -> ISDN ALERTING	

TP515203	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	DSS1-ISUP/SS/CCNR/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state (CCNR has been activated, remote user free indication has been delivered), on receipt of a **SETUP** message with a **Facility information element** containing a **CCBS-T-Call invoke component**, sends an **IAM** message with the **Forward call indicators parameter** coded ISDN user part preference indicator = ISDN user part required all the way and the **CCSS parameter** coded CCSS call indicator = CCSS call.	
ISDN Parameter values:	SETUP; **FACILITY information element** CCBS-T-Call invoke component	
ISUP Parameter values:	IAM; **Forward call indicators parameter** ISDN user part preference indicator = '10'B **CCSS parameter** CCSS call indicator = '1'B	
Comments:	ISDN SETUP -> SUT -> IAM ISUP	

6.3.2 Interworking from ISUP to DSS1 (Incoming Call)

6.3.2.1 Calling Line Identification Presentation (CLIP)

6.3.2.1.1 CLIP subscribed

ISDN selection criteria: CLIP subscribed.

TP601101	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = ISUP_SI Address signals included and without the **Generic number parameter**, sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = ISDN_SI Number digits included.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = ISDN_SI Number digits = PIXIT	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = ISUP_SI Address signals = PIXIT **Generic number parameter** not present	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601102	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = ISUP_SI Address signals included, without the **Generic number parameter** and with the calling party subaddress in the **Access transport parameter**, sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = ISDN_SI Number digits included and with the **Calling party subaddress information element**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = ISDN_SI Number digits = PIXIT **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = ISUP_SI Address signals = PIXIT **Generic number parameter** not present **Access transport parameter** including subaddress information	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

Values for the test purposes TP601001 - TP601002		
VA_01	ISDN_TON = national number, '010'B ISDN_SI = user provided verified and passed, '01'B	ISUP_NAI = national number, '0000011'B ISUP_SI = user provided verified and passed, '01'B
VA_02	ISDN_TON = national number, '010'B ISDN_SI = network provided, '11'B	ISUP_NAI = national number, '0000011'B ISUP_SI = network provided, '11'B
VA_03	ISDN_TON = international number, '001'B ISDN_SI = user provided verified and passed, '01'B	ISUP_NAI = international number, '0000100'B ISUP_SI = user provided verified and passed, '01'B
VA_04	ISDN_TON = international number, '001'B ISDN_SI = network provided, '11'B	ISUP_NAI = international number, '0000100'B ISUP_SI = network provided, '11'B

TP601103	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:	Two calling party delivery option does not apply	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = national number Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = network provided Address signals included and with a **Generic number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Address signals included, sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Number digits included.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = '00'B Number digits = PIXIT2	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = '0000011'B Numbering plan indicator = '001'B Screening indicator = '11'B Address signals = PIXIT1 **Generic number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = '00'B Address signals = PIXIT2	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601104	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:	Two calling party delivery option does not apply	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = national number Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = network provided Address signals included and with a **Generic number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Address signals included and with the calling party subaddress in the **Access transport parameter**, sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Number digits included and with the **Calling party subaddress information element**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = '00'B Number digits = PIXIT2 **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = '0000011'B Numbering plan indicator = '001'B Screening indicator = '11'B Address signals = PIXIT1 **Generic number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = '00'B Address signals = PIXIT2 **Access transport parameter** including subaddress information	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601105	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:	Two calling party delivery option applies	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = national number Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = network provided Address signals included and with a **Generic number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Address signals included, sends a **SETUP** message with the first **Calling party number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Number digits included and the second **Calling party number information element** coded Presentation indicator = presentation allowed Type of number = national number or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = network provided Number digits included.	
ISDN Parameter values:	SETUP; First **Calling party number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = '00'B Number digits = PIXIT1 Second **Calling party number information element** Presentation indicator = '00'B Type of number = '010'B or '000'B Numbering plan identification = '0001'B Screening indicator = '11'B Number digits = PIXIT2	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = '0000011'B Numbering plan indicator = '001'B Screening indicator = '11'B Address signals = PIXIT2 **Generic number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = '00'B Address signals = PIXIT1	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601106	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:	Two calling party delivery option applies	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = national number Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = network provided Address signals included and with a **Generic number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Address signals included and with the calling party subaddress in the **Access transport parameter**, sends a **SETUP** message with the first **Calling party number information element** coded Presentation indicator = presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = user provided, not screened Number digits included, the second **Calling party number information element** coded Presentation indicator = presentation allowed Type of number = national number or unknown Numbering plan identification = ISDN/Telephony numbering plan Screening indicator = network provided Number digits included and with the **Calling party subaddress information element**.	
ISDN Parameter values:	SETUP; First **Calling party number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Screening indicator = '00'B Number digits = PIXIT1 Second **Calling party number information element** Presentation indicator = '00'B Type of number = '010'B or '000'B Numbering plan identification = '0001'B Screening indicator = '11'B Number digits = PIXIT2 **Calling party subaddress information element**	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = '0000011'B Numbering plan indicator = '001'B Screening indicator = '11'B Address signals = PIXIT2 **Generic number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Screening indicator = '00'B Address signals = PIXIT1 **Access transport parameter** including subaddress information	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

Values for the test purposes TP601003 - TP601006		
VA_01	ISDN_TON = national number, '010'B	ISUP_NAI = national number, '0000011'B
VA_02	ISDN_TON = international number	ISUP_NAI = international number, '0000100'B

TP601107	**ISDN reference:** **EN 300 092-1 [13], EN 300 093-1 [14]**	**ISUP reference:** **EN 300 899-1 [1], clause 3.1.2.3**
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = presentation restricted and without a **Generic number parameter**, sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = presentation restricted Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '01'B **Generic number parameter** not present	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601108	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = presentation restricted, without a **Generic number parameter** and with the calling party subaddress in the **Access transport parameter** sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = presentation restricted Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included and without the **Calling party subaddress information element**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included **Calling party subaddress information element** not present	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '01'B **Generic number parameter** not present **Access transport parameter** including subaddress information	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601109	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = presentation restricted and with a **Generic number parameter**, sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = presentation restricted Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '01'B **Generic number parameter**	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601110	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = presentation restricted, with a **Generic number parameter** and with the calling party subaddress in the **Access transport parameter** sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = presentation restricted Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included and without the **Calling party subaddress information element**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included **Calling party subaddress information element** not present	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '01'B **Generic number parameter** **Access transport parameter** including subaddress information	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601111	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = address not available, sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '10'B	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601112	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** coded Address presentation restricted parameter = address not available and with the calling party subaddress in the **Access transport parameter** sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included and without the **Calling party subaddress information element**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included **Calling party subaddress information element** not present	
ISUP Parameter values:	IAM; **Calling party number parameter** Address presentation restricted parameter = '10'B **Access transport parameter** including subaddress information	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601113	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message without the **Calling party number parameter**, sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '10'B	
ISUP Parameter values:	IAM; **Calling party number parameter** not present	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601114	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message without the **Calling party number parameter** but with the calling party subaddress in the **Access transport parameter** sends a **SETUP** message with the **Calling party number information element** coded Presentation indicator = number not available due to interworking Type of number = unknown Numbering plan identification = unknown Screening indicator = network provided Number digits not included and without the **Calling party subaddress information element**.	
ISDN Parameter values:	SETUP; **Calling party number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Screening indicator = '11'B Number digits not included **Calling party subaddress information element** not present	
ISUP Parameter values:	IAM; **Calling party number parameter** not present **Access transport parameter** including subaddress information	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

6.3.2.1.2 CLIP not subscribed

ISDN selection criteria: CLIP not subscribed.

TP601201	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Not subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** and without the **Generic number parameter**, sends a **SETUP** message without the **Calling party number information element**.	
ISDN Parameter values:	SETUP; **Calling party number information element** not present	
ISUP Parameter values:	IAM; **Calling party number parameter** **Generic number parameter** not present	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP601202	ISDN reference: EN 300 092-1 [13], EN 300 093-1 [14]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.3
TSS reference:	ISUP-DSS1/SS/CLIP/Not subscribed	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with a **Calling party number parameter** and with a **Generic number parameter**, sends a **SETUP** message without the **Calling party number information element**.	
ISDN Parameter values:	SETUP; **Calling party number information element** not present	
ISUP Parameter values:	IAM; **Calling party number parameter** **Generic number parameter**	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

6.3.2.2 Connected Line Identification Presentation (COLP)

NOTE: The connected line identity request indicator of the **Optional forward call indicators parameter** in the **IAM** message has to be coded to "requested".

ISDN selection criteria: COLR not subscribed.

6.3.2.2.1 Special arrangement applies

ISDN selection criteria: Special arrangement applies.

TP602101	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with an invalid **Connected number information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; invalid **Connected number information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602102	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with an invalid **Connected number information element** but with a valid **Connected subaddress information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; invalid **Connected number information element** **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602103	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with an invalid **Connected number information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; invalid **Connected number information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602104	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with an invalid **Connected number information element** but with a valid **Connected subaddress information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; invalid **Connected number information element** **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602105	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message without the **Connected number information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602106	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message without the **Connected number information element** but with a valid **Connected subaddress information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602107	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message without the **Connected number information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602108	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message without the **Connected number information element** but with a valid **Connected subaddress information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602109	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = national number Numbering plan identification = ISDN_NPI, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, not screened.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '00'B	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602110	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = national number Numbering plan identification = ISDN_NPI and with a valid **Connected subaddress information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, not screened and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2 **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '00'B **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602111	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = national number Numbering plan identification = ISDN_NPI, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, not screened.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '00'B	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602112	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = national number Numbering plan identification = ISDN_NPI and with a valid **Connected subaddress information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, not screened and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2 **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '00'B **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602113	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = international number Numbering plan identification = ISDN_NPI, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, not screened.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '00'B	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602114	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = international number Numbering plan identification = ISDN_NPI and with a valid **Connected subaddress information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, not screened and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2 **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '00'B **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602115	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = international number Numbering plan identification = ISDN_NPI, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, not screened.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '00'B	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602116	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.1
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = international number Numbering plan identification = ISDN_NPI and with a valid **Connected subaddress information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, with the **Generic number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, not screened and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT2 **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT1 Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** Address signals = PIXIT2 Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '00'B **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

Values for the test purposes TP602109 - TP602116		
VA_01	ISDN_NPI = ISDN/telephony numbering plan, '0001'B	-
VA_02	ISDN_NPI = unknown, '0000'B	-

6.3.2.2.2 Special arrangement does not apply

ISDN selection criteria: Special arrangement does apply.

TP602201	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with an invalid **Connected number information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; invalid **Connected number information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602202	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with an invalid **Connected number information element** but with a valid **Connected subaddress information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; invalid **Connected number information element** **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602203	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with an invalid **Connected number information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; invalid **Connected number information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602204	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with an invalid **Connected number information element** but with a valid **Connected subaddress information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; invalid **Connected number information element** **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602205	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message without the **Connected number information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602206	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message without the **Connected number information element** but with a valid **Connected subaddress information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602207	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message without the **Connected number information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602208	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message without the **Connected number information element** but with a valid **Connected subaddress information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** not present **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602209	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	Failure of the screening function can be provoked	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element**, when a failure of the screening function occurs, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602210	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	Failure of the screening function can be provoked	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element**, when a failure of the screening function occurs and with a valid **Connected subaddress information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602211	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	Failure of the screening function can be provoked	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a **Connected number information element**, when a failure of the screening function occurs, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602212	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	Failure of the screening function can be provoked	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a **Connected number information element**, when a failure of the screening function occurs and with a valid **Connected subaddress information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = default number Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = network provided, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '11'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602213	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = subscriber number Numbering plan identification = ISDN_NPI Number digits = correct complete subscriber number, sends a **CON** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '100'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602214	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = subscriber number Numbering plan identification = ISDN_NPI Number digits = correct complete subscriber number and with a valid **Connected subaddress information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '100'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602215	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = subscriber number Numbering plan identification = ISDN_NPI Number digits = correct complete subscriber number, sends an **ANM** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '100'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602216	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = subscriber number Numbering plan identification = ISDN_NPI Number digits = correct complete subscriber number and with a valid **Connected subaddress information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '100'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602217	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = national number Numbering plan identification = ISDN_NPI Number digits = correct complete national number, sends a **CON** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602218	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = national number Numbering plan identification = ISDN_NPI Number digits = correct complete national number and with a valid **Connected subaddress information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602219	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = national number Numbering plan identification = ISDN_NPI Number digits = correct complete national number, sends an **ANM** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602220	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = national number Numbering plan identification = ISDN_NPI Number digits = correct complete national number and with a valid **Connected subaddress information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '010'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602221	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = international number Numbering plan identification = ISDN_NPI Number digits = correct complete international number, sends a **CON** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602222	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = international number Numbering plan identification = ISDN_NPI Number digits = correct complete international number and with a valid **Connected subaddress information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, verified and passed, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602223	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = international number Numbering plan identification = ISDN_NPI Number digits = correct complete international number, sends an **ANM** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602224	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = international number Numbering plan identification = ISDN_NPI Number digits = correct complete international number and with a valid **Connected subaddress information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = international number Screening indicator = user provided, verified and passed, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '001'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT Numbering plan indicator = '001'B Nature of address indicator = '0000100'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602225	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = unknown Numbering plan identification = ISDN_NPI Number digits = incomplete number, sends a **CON** message with the **Connected number parameter** coded Address signals = completion of the number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '000'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT completed Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602226	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = unknown Numbering plan identification = ISDN_NPI Number digits = incomplete number and with a valid **Connected subaddress information element**, sends a **CON** message with the **Connected number parameter** coded Address signals = completion of the number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '000'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address signals = PIXIT completed Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP602227	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = unknown Numbering plan identification = ISDN_NPI Number digits = incomplete number, sends an **ANM** message with the **Connected number parameter** coded Address signals = completion of the number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '000'B Numbering plan identification = ISDN_NPI Number digits = PIXIT	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT completed Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP602228	ISDN reference: EN 300 097-1 [15]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.5.2
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with the **Connected number information element** coded Type of number = unknown Numbering plan identification = ISDN_NPI Number digits = incomplete number and with a valid **Connected subaddress information element**, sends an **ANM** message with the **Connected number parameter** coded Address signals = completion of the number provided by the user Numbering plan indicator = ISDN numbering plan Nature of address indicator = national number Screening indicator = user provided, verified and passed, without the **Generic number parameter** and including the subaddress information in the **Access transport parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Type of number = '000'B Numbering plan identification = ISDN_NPI Number digits = PIXIT **Connected subaddress information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address signals = PIXIT completed Numbering plan indicator = '001'B Nature of address indicator = '0000011'B Screening indicator = '01'B **Generic number parameter** not present **Access transport parameter** including the subaddress information	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

Values for the test purposes TP602213 - TP602228		
VA_01	ISDN_NPI = ISDN/telephony numbering plan, '0001'B	-
VA_02	ISDN_NPI = unknown, '0000'B	-

6.3.2.3 Connected Line Identification Restriction (COLR)

ISDN selection criteria: COLR subscribed.

6.3.2.3.1 Special arrangement applies

ISDN selection criteria: Special arrangement applies.

TP603101	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:	COLR permanent mode	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with a valid **Connected number information element**, sends a **CON** message with the **Connected number parameter** and the **Generic number parameter** coded Address presentation restriction indicator = presentation restricted.	
ISDN Parameter values:	CONNECT; **Connected number information element**	
ISUP Parameter values:	CON; **Connected number parameter** and **Generic number parameter** Address presentation restriction indicator = '01'B	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP603102	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:	COLR permanent mode	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a valid **Connected number information element**, sends an **ANM** message with the **Connected number parameter** and the **Generic number parameter** coded Address presentation restriction indicator = presentation restricted.	
ISDN Parameter values:	CONNECT; **Connected number information element**	
ISUP Parameter values:	ANM; **Connected number parameter** and **Generic number parameter** Address presentation restriction indicator = '01'B	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP603103	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with a valid **Connected number information element** coded Presentation indicator = ISDN_PRI, sends a **CON** message with the **Connected number parameter** and the **Generic number parameter** coded Address presentation restriction indicator = ISUP_PRI.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	CON; **Connected number parameter** and **Generic number parameter** Address presentation restriction indicator = ISUP_PRI	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP603104	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a valid **Connected number information element** coded Presentation indicator = ISDN_PRI, sends an **ANM** message with the **Connected number parameter** and the **Generic number parameter** coded Address presentation restriction indicator = ISUP_PRI.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	ANM; **Connected number parameter** and **Generic number parameter** Address presentation restriction indicator = ISUP_PRI	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

Values for the test purpose TP603103 - TP603104		
VA_01	ISDN_PRI =presentation restricted, '01'B	ISUP_PRI =presentation restricted, '01'B
VA_02	ISDN_PRI =presentation allowed, '00'B	ISUP_PRI =presentation allowed, '00'B

TP603105	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with a valid **Connected number information element** not including the optional octet 3a (screening and presentation indicator), sends a **CON** message with the **Connected number parameter** and the **Generic number parameter** coded Address presentation restriction indicator = presentation restricted.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator not present	
ISUP Parameter values:	CON; **Connected number parameter** and **Generic number parameter** Address presentation restriction indicator = '01'B	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP603106	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a valid **Connected number information element** not including the optional octet 3a (screening and presentation indicator), sends an **ANM** message with the **Connected number parameter** and the **Generic number parameter** coded Address presentation restriction indicator = presentation restricted.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator not present	
ISUP Parameter values:	ANM; **Connected number parameter** and **Generic number parameter** Address presentation restriction indicator = '01'B	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP603107	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with a valid **Connected number information element** coded Presentation indicator = ISDN_PRI, sends a **CON** message with the **Connected number parameter** and the **Generic number parameter** coded Address presentation restriction indicator = ISUP_PRI.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	CON; **Connected number parameter** and **Generic number parameter** Address presentation restriction indicator = ISUP_PRI	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP603108	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a valid **Connected number information element** coded Presentation indicator = ISDN_PRI, sends an **ANM** message with the **Connected number parameter** and the **Generic number parameter** coded Address presentation restriction indicator = ISUP_PRI.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	ANM; **Connected number parameter** and **Generic number parameter** Address presentation restriction indicator = ISUP_PRI	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

Values for the test purpose TP603107 - TP603108		
VA_01	ISDN_PRI =presentation allowed, '00'B	ISUP_PRI =presentation allowed, '00'B
VA_02	ISDN_PRI =presentation restricted, '01'B	ISUP_PRI =presentation restricted, '01'B

TP603109	**ISDN reference:** **EN 300 098-1 [16]**	**ISUP reference:** **EN 300 899-1 [1], clause 3.1.2.6**
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with a valid **Connected number information element** not including the optional octet 3a (screening and presentation indicator), sends a **CON** message with the **Connected number parameter** and the **Generic number parameter** coded Address presentation restriction indicator = presentation allowed.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator not present	
ISUP Parameter values:	CON; **Connected number parameter** and **Generic number parameter** Address presentation restriction indicator = '00'B	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP603110	**ISDN reference:** **EN 300 098-1 [16]**	**ISUP reference:** **EN 300 899-1 [1], clause 3.1.2.6**
TSS reference:	DSS1-ISUP/SS/COLP/Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a valid **Connected number information element** not including the optional octet 3a (screening and presentation indicator), sends an **ANM** message with the **Connected number parameter** and the **Generic number parameter** coded Address presentation restriction indicator = presentation allowed.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator not present	
ISUP Parameter values:	ANM; **Connected number parameter** and **Generic number parameter** Address presentation restriction indicator = '00'B	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

6.3.2.3.2 Special arrangement does not apply

ISDN selection criteria: Special arrangement does not apply.

TP603201	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	COLR permanent mode	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with a valid **Connected number information element**, sends a **CON** message with the **Connected number parameter** coded Address presentation restriction indicator = presentation restricted and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element**	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restriction indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP603202	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	COLR permanent mode	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a valid **Connected number information element**, sends an **ANM** message with the **Connected number parameter** coded Address presentation restriction indicator = presentation restricted and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element**	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restriction indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP603203	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with a valid **Connected number information element** coded Presentation indicator = ISDN_PRI, sends a **CON** message with the **Connected number parameter** coded Address presentation restriction indicator = ISUP_PRI and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restriction indicator = ISUP_PRI **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP603204	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a valid **Connected number information element** coded Presentation indicator = ISDN_PRI, sends an **ANM** message with the **Connected number parameter** coded Address presentation restriction indicator = ISUP_PRI and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restriction indicator = ISUP_PRI **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

Values for the test purpose TP603203 - TP603204		
VA_01	ISDN_PRI =presentation restricted, '01'B	ISUP_PRI =presentation restricted, '01'B
VA_02	ISDN_PRI =presentation allowed, '00'B	ISUP_PRI =presentation allowed, '00'B

TP603205	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with a valid **Connected number information element** not including the optional octet 3a (screening and presentation indicator), sends a **CON** message with the **Connected number parameter** coded Address presentation restriction indicator = presentation restricted and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator not present	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restriction indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP603206	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = restricted	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a valid **Connected number information element** not including the optional octet 3a (screening and presentation indicator), sends an **ANM** message with the **Connected number parameter** coded Address presentation restriction indicator = presentation restricted and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator not present	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restriction indicator = '01'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

TP603207	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with a valid **Connected number information element** coded Presentation indicator = ISDN_PRI, sends a **CON** message with the **Connected number parameter** coded Address presentation restriction indicator = ISUP_PRI and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restriction indicator = ISUP_PRI **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP603208	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a valid **Connected number information element** coded Presentation indicator = ISDN_PRI, sends an **ANM** message with the **Connected number parameter** coded Address presentation restriction indicator = ISUP_PRI and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator = ISDN_PRI	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restriction indicator = ISUP_PRI **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

Values for the test purpose TP603207 - TP603208		
VA_01	ISDN_PRI =presentation allowed, '00'B	ISUP_PRI =presentation allowed, '00'B
VA_02	ISDN_PRI =presentation restricted, '01'B	ISUP_PRI =presentation restricted, '01'B

TP603209	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of a **CONNECT** message with a valid **Connected number information element** not including the optional octet 3a (screening and presentation indicator), sends a **CON** message with the **Connected number parameter** coded Address presentation restriction indicator = presentation allowed and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator not present	
ISUP Parameter values:	CON; **Connected number parameter** Address presentation restriction indicator = '00'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM CON	

TP603210	ISDN reference: EN 300 098-1 [16]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.6
TSS reference:	DSS1-ISUP/SS/COLP/No Special Arrangement	
ISDN selection criteria:	COLR temporary mode, default setting = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CONNECT** message with a valid **Connected number information element** not including the optional octet 3a (screening and presentation indicator), sends an **ANM** message with the **Connected number parameter** coded Address presentation restriction indicator = presentation allowed and without the **Generic number parameter**.	
ISDN Parameter values:	CONNECT; **Connected number information element** Presentation indicator not present	
ISUP Parameter values:	ANM; **Connected number parameter** Address presentation restriction indicator = '00'B **Generic number parameter** not present	
Comments:	ISDN CONNECT -> SUT -> IAM ANM	

6.3.2.4 Subaddressing (SUB)

TP604001	ISDN reference: EN 300 061-1 [18]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.7
TSS reference:	DSS1-ISUP/SS/SUB	
ISDN selection criteria:	Subaddressing subscribed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the subaddress information in the **Access transport parameter**, sends a **SETUP** message with a **Called party subaddress information element**.	
ISDN Parameter values:	SETUP; **Called party subaddress information element**	
ISUP Parameter values:	IAM; **Access transport parameter** including the subaddress information	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

6.3.2.5 Call Diversion (CDIV)

TP605001	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter = 1 Redirecting reason = ISUP_RR and the **Original called number parameter** coded Nature of address indicator = national number Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included, sends a **SETUP** message with the **Redirecting number information element** coded Type of number = national number or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = ISDN_RFD Number digits included.	
ISDN Parameter values:	SETUP; **Redirecting number information element** Type of number = '010'B or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = ISDN_RFD Number digits = PIXIT	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '001'B Redirecting reason = ISUP_RR **Original called number parameter** Nature of address indicator = '0000011'B Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605002	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter = 1 Redirecting reason = ISUP_RR and the **Original called number parameter** coded Nature of address indicator = international number Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included, sends a **SETUP** message with the **Redirecting number information element** coded Type of number = international number or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = ISDN_RFD Number digits included.	
ISDN Parameter values:	SETUP; **Redirecting number information element** Type of number = '001'B or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = ISDN_RFD Number digits = PIXIT	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '001'B Redirecting reason = ISUP_RR **Original called number parameter** Nature of address indicator = '0000100'B Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605003	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter = 1 Redirecting reason = ISUP_RR and the **Original called number parameter** coded Address presentation restricted parameter = presentation restricted, sends a **SETUP** message with the **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Reason for diversion = ISDN_RFD Number digits not included	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '001'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '01'B	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605004	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter = 1 Redirecting reason = ISUP_RR and the **Original called number parameter** coded Address presentation restricted parameter = address not available, sends a **SETUP** message with the **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = ISDN_RFD Number digits not included	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '001'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '10'B	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605005	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter = 1 Redirecting reason = ISUP_RR and without the **Original called number parameter**, sends a **SETUP** message with the **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = ISDN_RFD Number digits not included	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '001'B Redirecting reason = ISUP_RR **Original called number parameter** not present	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

Values for the test purpose TP605001 - TP605005		
VA_01	ISDN_RFD = Unknown, '0000'B	ISUP_RR = unknown, '0000'B
VA_02	ISDN_RFD = Call forwarding busy, '0001'B	ISUP_RR = user busy, '0001'B
VA_03	ISDN_RFD = Call forwarding no reply, '0010'B	ISUP_RR = no reply, '0010'B
VA_04	ISDN_RFD = Call forwarding unconditional, '1111'B	ISUP_RR = unconditional, '0011'B
VA_05	ISDN_RFD = Call deflection, '1010'B	ISUP_RR = deflection during alerting, '0100'B
VA_06	ISDN_RFD = Call deflection, '1010'B	ISUP_RR = deflection immediate response, '0101'B

TP605006	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included and the **Redirecting number parameter** coded Nature of address indicator = national number Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = unknown Number digits included and the second **Redirecting number information element** coded Type of number = national number or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = ISDN_RFD Number digits included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = '0000'B Number digits = PIXIT Second **Redirecting number information element** Type of number = '010'B or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = ISDN_RFD Number digits = PIXIT	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT **Redirecting number parameter** Nature of address indicator = '0000011'B Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605007	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included and the **Redirecting number parameter** coded Nature of address indicator = international number Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = unknown Number digits included and the second **Redirecting number information element** coded Type of number = international number or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = ISDN_RFD Number digits included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = '0000'B Number digits = PIXIT Second **Redirecting number information element** Type of number = '001'B or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = ISDN_RFD Number digits = PIXIT	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT **Redirecting number parameter** Nature of address indicator = '0000100'B Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605008	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included and the **Redirecting number parameter** coded Address presentation restricted parameter = presentation restricted, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = unknown Number digits included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = '0000'B Number digits = PIXIT Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT **Redirecting number parameter** Address presentation restricted parameter = '01'B	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605009	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included and the **Redirecting number parameter** coded Address presentation restricted parameter = address not available, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = unknown Number digits included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = '0000'B Number digits = PIXIT Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT **Redirecting number parameter** Address presentation restricted parameter = '10'B	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605010	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included and without the **Redirecting number parameter**, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = unknown Number digits included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = ISDN_TON or '000'B Numbering plan identification ='0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = '0000'B Number digits = PIXIT Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT **Redirecting number parameter** not present	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

Values for the test purpose TP605006 - TP605010		
VA_01	ISDN_TON = national number, '010'B ISDN_RFD = Unknown, '0000'B	ISUP_NAI = national number, '0000011'B ISUP_RR = unknown, '0000'B
VA_02	ISDN_TON = national number, '010'B ISDN_RFD = Call forwarding busy, '0001'B	ISUP_NAI = national number, '0000011'B ISUP_RR = user busy, '0001'B
VA_03	ISDN_TON = national number, '010'B ISDN_RFD = Call forwarding no reply, '0010'B	ISUP_NAI = national number, '0000011'B ISUP_RR = no reply, '0010'B
VA_04	ISDN_TON = national number, '010'B ISDN_RFD = Call forwarding unconditional, '1111'B	ISUP_NAI = national number, '0000011'B ISUP_RR = unconditional, '0011'B
VA_05	ISDN_TON = national number, '010'B ISDN_RFD = Call deflection, '1010'B	ISUP_NAI = national number, '0000011'B ISUP_RR = deflection during alerting, '0100'B
VA_06	ISDN_TON = national number, '010'B ISDN_RFD = Call deflection, '1010'B	ISUP_NAI = national number, '0000011'B ISUP_RR = deflection immediate response, '0101'B
VA_07	ISDN_TON = international number, '001'B ISDN_RFD = Unknown, '0000'B	ISUP_NAI = international number, '0000100'B ISUP_RR = unknown, '0000'B
VA_08	ISDN_TON = international number, '001'B ISDN_RFD = Call forwarding busy, '0001'B	ISUP_NAI = international number, '0000100'B ISUP_RR = user busy, '0001'B
VA_09	ISDN_TON = international number, '001'B ISDN_RFD = Call forwarding no reply, '0010'B	ISUP_NAI = international number, '0000100'B ISUP_RR = no reply, '0010'B
VA_10	ISDN_TON = international number, '001'B ISDN_RFD = Call forwarding unconditional, '1111'B	ISUP_NAI = international number, '0000100'B ISUP_RR = unconditional, '0011'B
VA_11	ISDN_TON = international number, '001'B ISDN_RFD = Call deflection, '1010'B	ISUP_NAI = international number, '0000100'B ISUP_RR = deflection during alerting, '0100'B
VA_12	ISDN_TON = international number, '001'B ISDN_RFD = Call deflection, '1010'B	ISUP_NAI = international number, '0000100'B ISUP_RR = deflection immediate response, '0101'B

TP605011	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Address presentation restricted parameter = presentation restricted and the **Redirecting number parameter** coded Nature of address indicator = national number Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = national number or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = ISDN_RFD Number digits included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '010'B or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = ISDN_RFD Number digits = PIXIT	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '01'B **Redirecting number parameter** Nature of address indicator = '0000011'B Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605012	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Address presentation restricted parameter = presentation restricted and the **Redirecting number parameter** coded Nature of address indicator = international number Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = international number or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = ISDN_RFD Number digits included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '001'B or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = ISDN_RFD Number digits = PIXIT	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '01'B **Redirecting number parameter** Nature of address indicator = '0000100'B Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605013	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Address presentation restricted parameter = presentation restricted and the **Redirecting number parameter** coded Address presentation restricted parameter = presentation restricted, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '01'B **Redirecting number parameter** Address presentation restricted parameter = '01'B	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605014	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Address presentation restricted parameter = presentation restricted and the **Redirecting number parameter** coded Address presentation restricted parameter = address not available, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '01'B **Redirecting number parameter** Address presentation restricted parameter = '10'B	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605015	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Address presentation restricted parameter = presentation restricted and without the **Redirecting number parameter**, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '01'B **Redirecting number parameter** not present	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605016	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Address presentation restricted parameter = address not available and the **Redirecting number parameter** coded Nature of address indicator = national number Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = national number or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = ISDN_RFD Number digits included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '010'B or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = ISDN_RFD Number digits = PIXIT	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '10'B **Redirecting number parameter** Nature of address indicator = '0000011'B Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605017	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Address presentation restricted parameter = address not available and the **Redirecting number parameter** coded Nature of address indicator = international number Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = international number or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = ISDN_RFD Number digits included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '010'B or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = ISDN_RFD Number digits = PIXIT	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '001'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '10'B **Redirecting number parameter** Nature of address indicator = '0000100'B Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605018	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Address presentation restricted parameter = address not available and the **Redirecting number parameter** coded Address presentation restricted parameter = presentation restricted, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '10'B **Redirecting number parameter** Address presentation restricted parameter = '01'B	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605019	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Address presentation restricted parameter = address not available and the **Redirecting number parameter** coded Address presentation restricted parameter = address not available, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '10'B **Redirecting number parameter** Address presentation restricted parameter = '10'B	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605020	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, the **Original called number parameter** coded Address presentation restricted parameter = address not available and without the **Redirecting number parameter**, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** Address presentation restricted parameter = '10'B **Redirecting number parameter** not present	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605021	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, without the **Original called number parameter** and the **Redirecting number parameter** coded Nature of address indicator = national number Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = national number or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = ISDN_RFD Number digits included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '010'B or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = ISDN_RFD Number digits = PIXIT	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** not present **Redirecting number parameter** Nature of address indicator = '0000011'B Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605022	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, without the **Original called number parameter** and the **Redirecting number parameter** coded Nature of address indicator = international number Numbering plan indicator = ISDN/Telephony numbering plan Address presentation restricted parameter = presentation allowed Address signals included, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = international number or unknown Numbering plan identification = ISDN/Telephony numbering plan or unknown Presentation indicator = presentation allowed Reason for diversion = ISDN_RFD Number digits included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '001'B or '000'B Numbering plan identification = '0001'B or '0000'B Presentation indicator = '00'B Reason for diversion = ISDN_RFD Number digits = PIXIT	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** not present **Redirecting number parameter** Nature of address indicator = '0000100'B Numbering plan indicator = '001'B Address presentation restricted parameter = '00'B Address signals = PIXIT	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605023	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, without the **Original called number parameter** and the **Redirecting number parameter** coded Address presentation restricted parameter = presentation restricted, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = presentation restricted Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '01'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** not present **Redirecting number parameter** Address presentation restricted parameter = '01'B	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605024	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, without the **Original called number parameter** and the **Redirecting number parameter** coded Address presentation restricted parameter = address not available, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** not present **Redirecting number parameter** Address presentation restricted parameter = '10'B	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

TP605025	ISDN reference: EN 300 207-1 [17]	ISUP reference: EN 300 899-1 [1]
TSS reference:	ISUP-DSS1/SS/CDIV	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a **IAM** message with the **Redirection information parameter** coded Redirection counter > 1 Redirecting reason = ISUP_RR, without the **Original called number parameter** and without the **Redirecting number parameter**, sends a **SETUP** message with the first **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = unknown Number digits not included and the second **Redirecting number information element** coded Type of number = unknown Numbering plan identification = unknown Presentation indicator = number not available due to interworking Reason for diversion = ISDN_RFD Number digits not included.	
ISDN Parameter values:	SETUP; First **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = '0000'B Number digits not present Second **Redirecting number information element** Type of number = '000'B Numbering plan identification = '0000'B Presentation indicator = '10'B Reason for diversion = ISDN_RFD Number digits not present	
ISUP Parameter values:	IAM; **Redirection information parameter** Redirection counter = '010'B Redirecting reason = ISUP_RR **Original called number parameter** not present **Redirecting number parameter** not present	
Comments:	IAM ISUP -> SUT -> ISDN SETUP	

Values for the test purpose TP605011 - TP605025		
VA_01	ISDN_RFD = Unknown, '0000'B	ISUP_RR = unknown, '0000'B
VA_02	ISDN_RFD = Call forwarding busy, '0001'B	ISUP_RR = user busy, '0001'B
VA_03	ISDN_RFD = Call forwarding no reply, '0010'B	ISUP_RR = no reply, '0010'B
VA_04	ISDN_RFD = Call forwarding unconditional, '1111'B	ISUP_RR = unconditional, '0011'B
VA_05	ISDN_RFD = Call deflection, '1010'B	ISUP_RR = deflection during alerting, '0100'B
VA_06	ISDN_RFD = Call deflection, '1010'B	ISUP_RR = deflection immediate response, '0101'B

6.3.2.6 Call Waiting (CW)

ISDN selection criteria: CW subscribed.

6.3.2.6.1 S/T reference point

ISDN selection criteria: Notification is delivered, S/T reference point.

TP606101	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.9
TSS reference:	ISUP-DSS1/SS/CW/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, having sent a **SETUP** message with the **Channel identification information element** coded Information channel selection = no channel, on receipt of an **ALERTING** message, sends an **ACM** message with the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call.	
ISDN Parameter values:	SETUP; **Channel identification information element** Information channel selection = '00'B ALERTING;	
ISUP Parameter values:	ACM; **Generic notification indicator parameter** Notification indicator = '1100000'B	
Comments:	ALERTING ISDN -> SUT -> ISUP ACM	

TP606102	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.9
TSS reference:	ISUP-DSS1/SS/CW/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N25, having sent a **SETUP** message with the **Channel identification information element** coded Information channel selection = no channel, on receipt of an **ALERTING** message, sends an **ACM** message with the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call.	
ISDN Parameter values:	SETUP; **Channel identification information element** Information channel selection = '00'B ALERTING;	
ISUP Parameter values:	ACM; **Generic notification indicator parameter** Notification indicator = '1100000'B	
Comments:	ALERTING ISDN -> SUT -> ISUP ACM	

TP606103	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.9
TSS reference:	ISUP-DSS1/SS/CW/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, having sent a **SETUP** message with the **Channel identification information element** coded Information channel selection = no channel, on receipt of an **ALERTING** message, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call.	
ISDN Parameter values:	SETUP; **Channel identification information element** Information channel selection = '00'B ALERTING;	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1100000'B	
Comments:	ALERTING ISDN -> SUT -> ISUP CPG	

6.3.2.6.2 T reference point

ISDN selection criteria: T reference point.

TP606201	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.9
TSS reference:	ISUP-DSS1/SS/CW/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, on receipt of an **ALERTING** message with the **Notification indicator information element** coded Notification description = call is a waiting call, sends an **ACM** message with the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call.	
ISDN Parameter values:	ALERTING; **Notification indicator information element** Notification description = '1100000'B	
ISUP Parameter values:	ACM; **Generic notification indicator parameter** Notification indicator = '1100000'B	
Comments:	ALERTING ISDN -> SUT -> ISUP ACM	

TP606202	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.9
TSS reference:	ISUP-DSS1/SS/CW/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N25, on receipt of an **ALERTING** message with the **Notification indicator information element** coded Notification description = call is a waiting call, sends an **ACM** message with the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call.	
ISDN Parameter values:	ALERTING; **Notification indicator information element** Notification description = '1100000'B	
ISUP Parameter values:	ACM; **Generic notification indicator parameter** Notification indicator = '1100000'B	
Comments:	ALERTING ISDN -> SUT -> ISUP ACM	

TP606203	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.9
TSS reference:	ISUP-DSS1/SS/CW/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, on receipt of an **ALERTING** message with the **Notification indicator information element** coded Notification description = call is a waiting call, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call.	
ISDN Parameter values:	ALERTING; **Notification indicator information element** Notification description = '1100000'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1100000'B	
Comments:	ALERTING ISDN -> SUT -> ISUP CPG	

TP606204	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.9
TSS reference:	ISUP-DSS1/SS/CW/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 on receipt of a **PROGRESS** message with the **Notification indicator information element** coded Notification description = call is a waiting call, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call.	
ISDN Parameter values:	PROGRESS; **Notification indicator information element** Notification description = '1100000'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1100000'B	
Comments:	PROGRESS ISDN -> SUT -> ISUP CPG	

TP606205	ISDN reference: EN 300 058-1 [19]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.9
TSS reference:	ISUP-DSS1/SS/CW/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = call is a waiting call, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = call is a waiting call and the **Event information parameter** coded Event indicator = PROGRESS	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1100000'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1100000'B **Event information parameter** Event indicator = '0000010'B	
Comments:	NOTIFY ISDN -> SUT -> ISUP CPG	

6.3.2.7 Call Hold (HOLD)

6.3.2.7.1 Notification received from the network

TP607101	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.10.1
TSS reference:	ISUP-DSS1/SS/HOLD/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote hold, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Remote hold.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP607102	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.10.1
TSS reference:	ISUP-DSS1/SS/HOLD/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote hold, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Remote hold.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP607103	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.10.1
TSS reference:	ISUP-DSS1/SS/HOLD/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote retrieval, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Remote retrieval.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111010'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP607104	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.10.1
TSS reference:	ISUP-DSS1/SS/HOLD/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote retrieval, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Remote retrieval.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111010'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

6.3.2.7.2 Invocation at coincident S and T reference point

ISDN selection criteria: Call Hold subscribed, S/T reference point.

TP607201	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.10.2
TSS reference:	ISUP-DSS1/SS/HOLD/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **HOLD** message, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote hold and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	HOLD;	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN HOLD -> SUT -> CPG ISUP	

TP607202	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.10.2
TSS reference:	ISUP-DSS1/SS/HOLD/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **RETRIEVE** message, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote retrieval and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	HOLD;	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111010'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN RETRIEVE -> SUT -> CPG ISUP	

6.3.2.7.3 Notification received at T reference point

ISDN selection criteria: T reference point.

TP607301	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.10.3
TSS reference:	ISUP-DSS1/SS/HOLD/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Remote hold, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote hold and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> CPG ISUP	

TP607302	ISDN reference: EN 300 141-1 [20]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.10.3
TSS reference:	ISUP-DSS1/SS/HOLD/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Remote retrieval, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Remote retrieval and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111010'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> CPG ISUP	

6.3.2.8 Terminal Portability (TP)

6.3.2.8.1 Notification received from the network

TP608101	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.11.1
TSS reference:	ISUP-DSS1/SS/TP/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **SUS** message with the **Suspend/resume indicators parameter** coded Suspend resume indicator = ISDN subscriber initiated, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user suspended.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000000'B	
ISUP Parameter values:	SUS; **Suspend/resume indicators parameter** Suspend resume indicator = '0'B	
Comments:	ISUP SUS -> SUT -> NOTIFY ISDN	

TP608102	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.11.1
TSS reference:	ISUP-DSS1/SS/TP/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **RES** message with the **Suspend/resume indicators parameter** coded Suspend resume indicator = ISDN subscriber initiated, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user resumed.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000001'B	
ISUP Parameter values:	RES; **Suspend/resume indicators parameter** Suspend resume indicator = '0'B	
Comments:	ISUP RES -> SUT -> NOTIFY ISDN	

TP608103	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.11.1
TSS reference:	ISUP-DSS1/SS/TP/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = user suspended, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user suspended.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000000'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '0000000'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP608104	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.11.1
TSS reference:	ISUP-DSS1/SS/TP/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = user resumed, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user resumed.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '0000001'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

6.3.2.8.2 Invocation at coincident S and T reference point

ISDN selection criteria: Terminal Portability subscribed, S/T reference point.

TP608201	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.11.2
TSS reference:	ISUP-DSS1/SS/TP/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **SUSPEND** message, sends a **SUS** message with the **Suspend/resume indicators parameter** coded Suspend resume indicator = ISDN subscriber initiated,.	
ISDN Parameter values:	SUSPEND;	
ISUP Parameter values:	SUS; **Suspend/resume indicators parameter** Suspend resume indicator = '0'B	
Comments:	ISDN SUSPEND -> SUT -> SUS ISUP	

TP608202	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.11.2
TSS reference:	ISUP-DSS1/SS/TP/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N0, on receipt of a **RESUME** message, sends a **RES** message with the **Suspend/resume indicators parameter** coded Suspend resume indicator = ISDN subscriber initiated,.	
ISDN Parameter values:	RESUME;	
ISUP Parameter values:	RES; **Suspend/resume indicators parameter** Suspend resume indicator = '0'B	
Comments:	ISDN RESUME -> SUT -> RES ISUP	

6.3.2.8.3 Notification received at T reference point

ISDN selection criteria: T reference point.

TP608301	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.11.3
TSS reference:	ISUP-DSS1/SS/TP/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user suspended, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = user suspended and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000000'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '0000000'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> CPG ISUP	

TP608302	ISDN reference: EN 300 055-1 [21]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.11.3
TSS reference:	ISUP-DSS1/SS/TP/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = user resumed, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = user resumed and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '0000001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '0000001'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> CPG ISUP	

6.3.2.9 Conference Calling (CONF)

6.3.2.9.1 Notification received from the network

TP609101	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.1
TSS reference:	ISUP-DSS1/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference established.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP609102	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.1
TSS reference:	ISUP-DSS1/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference disconnected.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000011'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP609103	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.1
TSS reference:	ISUP-DSS1/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party added, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party added.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000100'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000100'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP609104	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.1
TSS reference:	ISUP-DSS1/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Isolated, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Isolated.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000101'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000101'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP609105	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.1
TSS reference:	ISUP-DSS1/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Reattached, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Reattached.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000110'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000110'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP609106	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.1
TSS reference:	ISUP-DSS1/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party isolated, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party isolated.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000111'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000111'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP609107	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.1
TSS reference:	ISUP-DSS1/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party reattached, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party reattached.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001000'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001000'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP609108	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.1
TSS reference:	ISUP-DSS1/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party split, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party split.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001001'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP609109	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.1
TSS reference:	ISUP-DSS1/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party disconnected, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party disconnected.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001010'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP609110	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.1
TSS reference:	ISUP-DSS1/SS/CONF/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference floating, sends no message.	
ISDN Parameter values:		
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001011'B	
Comments:	ISUP CPG -> SUT ->	

6.3.2.9.2 Invocation at coincident S and T reference point

ISDN selection criteria: Conference Calling subscribed, S/T reference point.

TP609201	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.2
TSS reference:	ISUP-DSS1/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FACILITY** message with the **Facility information element** containing a **BeginCONF invoke component**, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = BeginCONF invoke component	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B	
Comments:	ISDN FACILITY -> SUT -> CPG ISUP	

TP609202	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.2
TSS reference:	ISUP-DSS1/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users A and user B; conference has been established with the call towards user A), on receipt of a **FACILITY** message for remote user B with the **Facility information element** containing a **AddCONF invoke component**, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established and sends towards user A a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party added.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = AddCONF invoke component	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B User A: CPG; **Generic notification indicator parameter** Notification indicator = '1000100'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP609203	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.2
TSS reference:	ISUP-DSS1/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (conference established, remote users A and user B), on receipt of a **FACILITY** message with the **Facility information element** containing a **AddCONF invoke component** PartyId = user B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Isolated and sends towards user A a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party isolated.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = IsolateCONF invoke component PartyId = user B	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000101'B User A: CPG; **Generic notification indicator parameter** Notification indicator = '1000111'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP609204	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.2
TSS reference:	ISUP-DSS1/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (conference established, remote users A and user B, user B isolated), on receipt of a **FACILITY** message with the **Facility information element** containing a **ReattachCONF invoke component** PartyId = user B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Reattached and sends towards user A a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party reattached.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = IsolateCONF invoke component PartyId = user B	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000110'B User A: CPG; **Generic notification indicator parameter** Notification indicator = '1001000'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP609205	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.2
TSS reference:	ISUP-DSS1/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (conference established, remote users A and user B), on receipt of a **FACILITY** message with the **Facility information element** containing a **SplitCONF invoke component** PartyId = user B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and sends towards user A a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party split.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = IsolateCONF invoke component PartyId = user B	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '100001'B User A: CPG; **Generic notification indicator parameter** Notification indicator = '1001001'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP609206	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.2
TSS reference:	ISUP-DSS1/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (conference established, remote users A and user B), on receipt of a **FACILITY** message with the **Facility information element** containing a **DropCONF invoke component** PartyId = user B, sends towards user B a **REL** message and sends towards user A a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party disconnected.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = IsolateCONF invoke component PartyId = user B	
ISUP Parameter values:	User B: REL; User A: CPG; **Generic notification indicator parameter** Notification indicator = '1001010'B	
Comments:	ISDN FACILITY -> SUT -> REL ISUP (B), CPG ISUP (A)	

TP609207	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.2
TSS reference:	ISUP-DSS1/SS/CONF/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (conference established, remote users A and user B), on receipt of a **DISCONNECT** message, sends towards user B a **REL** message and sends towards user A a **REL** message.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	User B: REL; User A: REL;	
Comments:	ISDN DISCONNECT -> SUT -> 2 REL ISUP	

6.3.2.9.3 Notification at T reference point

ISDN selection criteria: T reference point.

TP609301	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.3
TSS reference:	ISUP-DSS1/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference established, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP609302	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.3
TSS reference:	ISUP-DSS1/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference disconnected, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000011'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP609303	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.3
TSS reference:	ISUP-DSS1/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party added, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party added and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000100'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000100'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP609304	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.3
TSS reference:	ISUP-DSS1/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Isolated, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Isolated and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000101'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000101'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP609305	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.3
TSS reference:	ISUP-DSS1/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Reattached, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Reattached and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000110'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000110'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP609306	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.3
TSS reference:	ISUP-DSS1/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party isolated, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party isolated and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000111'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000111'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP609307	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.3
TSS reference:	ISUP-DSS1/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party reattached, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party reattached and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001000'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001000'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP609308	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.3
TSS reference:	ISUP-DSS1/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party split, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party split and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001001'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP609309	ISDN reference: EN 300 185-1 [22]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.12.3
TSS reference:	ISUP-DSS1/SS/CONF/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Other party disconnected, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Other party disconnected and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1001010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1001010'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

6.3.2.10 Three-party (3PTY)

6.3.2.10.1 Notification received from the network

TP610101	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.1
TSS reference:	ISUP-DSS1/SS/3PTY/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference established.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP610102	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.1
TSS reference:	ISUP-DSS1/SS/3PTY/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference disconnected.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000011'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP610103	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.1
TSS reference:	ISUP-DSS1/SS/3PTY/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = remote hold.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP610104	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.1
TSS reference:	ISUP-DSS1/SS/3PTY/From network	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with one **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and another **Generic notification indicator parameter** coded Notification indicator = remote hold,, sends two **Notification indicator information elements** in either one or two **NOTIFY** messages, one coded Notification description = Conference disconnected and the other coded Notification description = remote hold.	
ISDN Parameter values:	One or two NOTIFYs **Notification indicator information element** Notification description = '1000011'B **Notification indicator information element** Notification description = '1111001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B **Generic notification indicator parameter** Notification indicator = '1111001'B	
Comments:	ISUP CPG -> SUT -> 1 or 2 NOTIFY ISDN	

6.3.2.10.2 Invocation at coincident S and T reference point

ISDN selection criteria: Three-party subscribed, S/T reference point.

NOTE 1: User A: served user; users B and C: remote users.

NOTE 2: Call A-B: Active-held connection; Call A-C: Active-idle connection.

TP610201	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.2
TSS reference:	ISUP-DSS1/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C), on receipt of a **FACILITY** message for call A-B with the **Facility information element** containing a **Begin3PTY invoke component**, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established and sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = Begin3PTY invoke component	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B User C: CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP610202	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.2
TSS reference:	ISUP-DSS1/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **FACILITY** message for call A-B with the **Facility information element** containing an **End3PTY invoke component**, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold and sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = End3PTY invoke component	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B User C: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP610203	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.2
TSS reference:	ISUP-DSS1/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been disconnected), on receipt of a **HOLD** message for call A-C, sends no message towards user B and sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold.	
ISDN Parameter values:	HOLD;	
ISUP Parameter values:	User B: -; User C: CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B	
Comments:	ISDN FACILITY -> SUT -> CPG ISUP	

TP610204	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.2
TSS reference:	ISUP-DSS1/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been disconnected, call A-C has been put on hold), on receipt of a **RETRIEVE** message for call A-B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and sends no message towards user C.	
ISDN Parameter values:	RETRIEVE;	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B User C: -;	
Comments:	ISDN FACILITY -> SUT -> CPG ISUP	

TP610205	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.2
TSS reference:	ISUP-DSS1/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **FACILITY** message for call A-C with the **Facility information element** containing an **End3PTY invoke component**, sends towards user B a **CPG** message with one **Generic notification indicator parameter** coded Notification indicator = Conference disconnected, the other **Generic notification indicator parameter** coded Notification indicator = remote hold and sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = End3PTY invoke component	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B **Generic notification indicator parameter** Notification indicator = '1111001'B User C: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISDN FACILITY -> SUT -> 2 CPG ISUP	

TP610206	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.2
TSS reference:	ISUP-DSS1/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **DISCONNECT** message for call A-B, sends towards user B a **REL** message and sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	User B: REL; User C: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISDN FACILITY -> SUT -> REL ISUP (B), CPG ISUP (C)	

TP610207	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.2
TSS reference:	ISUP-DSS1/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **DISCONNECT** message for call A-C, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold and sends towards user C a **REL** message.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B User C: REL;	
Comments:	ISDN FACILITY -> SUT -> CPG ISUP (B), REL ISUP (C)	

TP610208	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.2
TSS reference:	ISUP-DSS1/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with one call in state N10 (towards remote user B, call towards user C has been disconnected; 3PTY conference had been established), on receipt of a **RETRIEVE** message for call A-B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected.	
ISDN Parameter values:	RETRIEVE;	
ISUP Parameter values:	User B: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B User C: REL;	
Comments:	ISDN FACILITY -> SUT -> CPG ISUP	

TP509209	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.2
TSS reference:	ISUP-DSS1/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **REL** message from user B, sends towards user C a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and sends a **DISCONNECT** message for call A-B.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	User B: REL; User C: CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B	
Comments:	ISUP REL (B) -> SUT -> DISCONNECT ISDN (A-B), CPG ISUP (C)	

TP610210	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.2
TSS reference:	ISUP-DSS1/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with two calls in state N10 (towards remote users B and user C; 3PTY conference has been established), on receipt of a **REL** message from user C, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold and sends a **DISCONNECT** message for call A-C.	
ISDN Parameter values:	DISCONNECT;	
ISUP Parameter values:	User B: REL; User C: CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B	
Comments:	ISUP REL (C) -> SUT -> DISCONNECT ISDN (A-C), CPG ISUP (B)	

TP610211	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.2
TSS reference:	ISUP-DSS1/SS/3PTY/Invocation S T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT with one call in state N10 (towards remote user B, user C has disconnected; 3PTY conference had been established), on receipt of a **RETRIEVE** message for call A-B, sends towards user B a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected.	
ISDN Parameter values:	RETRIEVE;	
ISUP Parameter values:	User B: REL; **Generic notification indicator parameter** Notification indicator = '1000011'B User C: -;	
Comments:	ISDN RETRIEVE -> SUT -> CPG ISUP	

6.3.2.10.3 Notification at T reference point

ISDN selection criteria: T reference point.

TP610301	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.3
TSS reference:	ISUP-DSS1/SS/3PTY/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference established, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference established and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000010'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000010'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP610302	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.3
TSS reference:	ISUP-DSS1/SS/3PTY/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Conference disconnected, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = Conference disconnected and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1000011'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1000011'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

TP610303	ISDN reference: EN 300 188-1 [23]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.13.3
TSS reference:	ISUP-DSS1/SS/3PTY/Notification T	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **NOTIFY** message with the **Notification indicator information element** coded Notification description = remote hold, sends a **CPG** message with the **Generic notification indicator parameter** coded Notification indicator = remote hold and the **Event information parameter** coded Event indicator = Progress.	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1111001'B	
ISUP Parameter values:	CPG; **Generic notification indicator parameter** Notification indicator = '1111001'B **Event information parameter** Event indicator = '0000010'B	
Comments:	ISDN NOTIFY -> SUT -> ISUP CPG	

6.3.2.11 Closed User Group (CUG)

6.3.2.11.1 CUG subscribed

ISDN selection criteria: CUG subscribed.

TP611101	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.14
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (CUG call), on receipt of a **DISCONNECT** message with the **Facility information element** containing a **CUGCall return error component** coded Error value = ISDN_EV, sends a **REL** message with the **Cause indicators parameter** coded Cause value = ISUP_CV.	
ISDN Parameter values:	DISCONNECT; **Facility information element** Component = CUGCall return error Error value = ISDN_EV	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = ISUP_CV	
Comments:	ISDN DISCONNECT -> SUT -> ISUP REL	

TP611102	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.14
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (CUG call), on receipt of a **RELEASE** message with the **Facility information element** containing a **CUGCall return error component** coded Error value = ISDN_EV, sends a **REL** message with the **Cause indicators parameter** coded Cause value = ISUP_CV.	
ISDN Parameter values:	RELEASE; **Facility information element** Component = CUGCall return error Error value = ISDN_EV	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = ISUP_CV	
Comments:	ISDN RELEASE -> SUT -> ISUP REL	

TP611103	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.14
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (CUG call), on receipt of a **RELEASE COMPLETE** message with the **Facility information element** containing a **CUGCall return error component** coded Error value = ISDN_EV, sends a **REL** message with the **Cause indicators parameter** coded Cause value = ISUP_CV.	
ISDN Parameter values:	RELEASE COMPLETE; **Facility information element** Component = CUGCall return error Error value = ISDN_EV	
ISUP Parameter values:	REL; **Cause indicators parameter** Cause value = ISUP_CV	
Comments:	ISDN RELEASE COMPLETE -> SUT -> ISUP REL	

Values for the test purpose TP611101 - TP611103		
VA_01	ISDN_EV= userNotMemberOfCUG, 20	ISUP_CV = 87, User not member of CUG, '1010111'B
VA_02	ISDN_EV= invalidOrUnregisteredCUGIndex, 16	ISUP_CV = 87, User not member of CUG, '1010111'B
VA_03	ISDN_EV= requestedBasicServiceViolatesCUGConstraints, 17	ISUP_CV = 87, User not member of CUG, '1010111'B
VA_04	ISDN_EV= incomingCallsBarredWithinCUG, 19	ISUP_CV = 55, Incoming calls barred within CUG, '0110111'B

TP611104	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.14
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (CUG call), on receipt of a **DISCONNECT** message with the **Facility information element** containing a **CUGCall return error component** coded Error value = ISDN_EV, sends a **REL** message.	
ISDN Parameter values:	DISCONNECT; **Facility information element** Component = CUGCall return error Error value = ISDN_EV	
ISUP Parameter values:	REL;	
Comments:	ISDN DISCONNECT -> SUT -> ISUP REL	

TP611105	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.14
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (CUG call), on receipt of a **RELEASE** message with the **Facility information element** containing a **CUGCall return error component** coded Error value = ISDN_EV, sends a **REL** message.	
ISDN Parameter values:	RELEASE; **Facility information element** Component = CUGCall return error Error value = ISDN_EV	
ISUP Parameter values:	REL;	
Comments:	ISDN RELEASE -> SUT -> ISUP REL	

TP611106	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.14
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (CUG call), on receipt of a **RELEASE COMPLETE** message with the **Facility information element** containing a **CUGCall return error component** coded Error value = ISDN_EV, sends a **REL** message.	
ISDN Parameter values:	RELEASE COMPLETE; **Facility information element** Component = CUGCall return error Error value = ISDN_EV	
ISUP Parameter values:	REL;	
Comments:	ISDN RELEASE COMPLETE -> SUT -> ISUP REL	

Values for the test purpose TP611104 - TP611106		
VA_01	ISDN_EV= inconsistencyInDesignatedFacilityAndSubscriberClass, 21	-
VA_02	ISDN_EV= basicServiceNotProvided, 8	-

TP611107	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.14
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (CUG call), on receipt of a **DISCONNECT** message without a **Facility information element** containing a **CUGCall return error component**, sends a **REL** message.	
ISDN Parameter values:	DISCONNECT; **Facility information element** with CUGCall return error not present	
ISUP Parameter values:	REL;	
Comments:	ISDN DISCONNECT -> SUT -> ISUP REL	

TP611108	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.14
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (CUG call), on receipt of a **RELEASE** message without a **Facility information element** containing a **CUGCall return error component**, sends a **REL** message.	
ISDN Parameter values:	RELEASE; **Facility information element** with CUGCall return error not present	
ISUP Parameter values:	REL;	
Comments:	ISDN RELEASE -> SUT -> ISUP REL	

TP611109	ISDN reference: EN 300 138-1 [24]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.14
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (CUG call), on receipt of a **RELEASE COMPLETE** message without a **Facility information element** containing a **CUGCall return error component**, sends a **REL** message.	
ISDN Parameter values:	RELEASE COMPLETE; **Facility information element** with CUGCall return error not present	
ISUP Parameter values:	REL;	
Comments:	ISDN RELEASE COMPLETE -> SUT -> ISUP REL	

TP611110	ISDN reference: EN 300 138-1 [24], clause 9.2	ISUP reference: ETS 300 356-9 [12], table 1-4
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:	CUG subscription option: Barring within the CUG <> incoming call	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **Optional forward call indicators parameter** coded Closed user group call indicator = ISUP_CUGCI and with the **Closed user group interlock code parameter** giving an interlock code of a CUG the ISDN access belongs to, sends a **SETUP** message with a **Facility information element** containing a **CUGCall invoke component**.	
ISDN Parameter values:	SETUP; **Facility information element** Component = CUGCall invoke component	
ISUP Parameter values:	IAM; **Optional forward call indicators parameter** Closed user group call indicator = ISUP_CUGCI **Closed user group interlock code parameter** = PIXIT	
Comments:	ISUP IAM -> SUT -> ISDN SETUP	

Values for the test purposes TP611110		
VA_01	-	ISUP_CUGCI = closed user group call, outgoing access not allowed, '11'B
VA_02	-	ISUP_CUGCI = closed user group call, outgoing access allowed, '10'B
Comments:	The above test case has to be tested for the following subscription options available per ISDN number (see EN 300 138-2 [30]; table 1): 1. Incoming access = Not allowed 2. Incoming access = Allowed	

TP611111	ISDN reference: EN 300 138-1 [24], clause 9.2	ISUP reference: ETS 300 356-9 [12], table 1-4
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:	ISDN number subscription option: Incoming access = allowed AND CUG subscription option: Barring within the CUG = incoming call	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **Optional forward call indicators parameter** coded Closed user group call indicator = closed user group call, outgoing access allowed and with the **Closed user group interlock code parameter** giving an interlock code of a CUG the ISDN access belongs to, sends a **SETUP** message without a **Facility information element** containing a **CUGCall invoke component**.	
ISDN Parameter values:	SETUP; **Facility information element** with CUGCall invoke component not present	
ISUP Parameter values:	IAM; **Optional forward call indicators parameter** Closed user group call indicator = '10'B **Closed user group interlock code parameter** = PIXIT	
Comments:	ISUP IAM -> SUT -> ISDN SETUP	

TP611112	ISDN reference: EN 300 138-1 [24], clause 9.2	ISUP reference: ETS 300 356-9 [12], table 1-4
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:	ISDN number subscription option: Incoming access = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **Optional forward call indicators parameter** coded Closed user group call indicator = closed user group call, outgoing access allowed and with the **Closed user group interlock code parameter** giving an interlock code of a CUG the ISDN access does not belong to, sends a **SETUP** message without a **Facility information element** containing a **CUGCall invoke component**.	
ISDN Parameter values:	SETUP; **Facility information element** with CUGCall invoke component not present	
ISUP Parameter values:	IAM; **Optional forward call indicators parameter** Closed user group call indicator = '10'B **Closed user group interlock code parameter** = PIXIT	
Comments:	ISUP IAM -> SUT -> ISDN SETUP	

TP611113	ISDN reference: EN 300 138-1 [24], clause 9.2	ISUP reference: ETS 300 356-9 [12], table 1-4
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:	ISDN number subscription option: Incoming access = allowed	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **Optional forward call indicators parameter** coded Closed user group call indicator = non-CUG call and without the **Closed user group interlock code parameter**, sends a **SETUP** message without a **Facility information element** containing a **CUGCall invoke component**.	
ISDN Parameter values:	SETUP; **Facility information element** with CUGCall invoke component not present	
ISUP Parameter values:	IAM; **Optional forward call indicators parameter** Closed user group call indicator = '00'B **Closed user group interlock code parameter** not present	
Comments:	ISUP IAM -> SUT -> ISDN SETUP	

Values for the test purposes TP611012 and TP611013	
Comments:	The above test cases have to be tested for the following subscription options available per CUG (see EN 300 138-2 [30]; table 2): 1. Barring within the CUG <> Incoming call 2. Barring within the CUG = Incoming call

6.3.2.11.2 CUG not subscribed

ISDN selection criteria: CUG not subscribed.

TP611201	ISDN reference: EN 300 138-1 [24], clause 9.2	ISUP reference: ETS 300 356-9 [12], table 1-4
TSS reference:	ISUP-DSS1/SS/CUG	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **Optional forward call indicators parameter** coded Closed user group call indicator = closed user group call, outgoing access allowed and with the **Closed user group interlock code parameter**, sends a **SETUP** message without a **Facility information element** containing a **CUGCall invoke component**.	
ISDN Parameter values:	SETUP; **Facility information element** with CUGCall invoke component not present	
ISUP Parameter values:	IAM; **Optional forward call indicators parameter** Closed user group call indicator = '10'B **Closed user group interlock code parameter**	
Comments:	ISUP IAM -> SUT -> ISDN SETUP	

6.3.2.12 User User Signalling (UUS)

6.3.2.12.1 Service 1 (UUS1) implicit

ISDN selection criteria: UUS1 implicit subscribed.

TP612101	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **User-to-user parameter** without user information, sends a **SETUP** message with a **User-user information element** without user information.	
ISDN Parameter values:	SETUP; **User-user information element** User information not present	
ISUP Parameter values:	IAM; **User-to-user parameter** User information not present	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP612102	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **User-to-user parameter** with user information, sends a **SETUP** message with a **User-user information element** with user information.	
ISDN Parameter values:	SETUP; **User-user information element** User information present	
ISUP Parameter values:	IAM; **User-to-user parameter** User information present	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP612103	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been activated), not having sent the ACM message, on receipt of an **ALERTING** message with a **User-user information element**, sends an **ACM** message with the **User-to-user parameter**.	
ISDN Parameter values:	ALERTING; **User-user information element**	
ISUP Parameter values:	ACM; **User-to-user parameter**	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP612104	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been activated), on receipt of an **ALERTING** message with a **User-user information element**, sends a **CPG** message with the **User-to-user parameter**.	
ISDN Parameter values:	ALERTING; **User-user information element**	
ISUP Parameter values:	CPG; **User-to-user parameter**	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP612105	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been activated), not having sent the ACM message, on receipt of a **CONNECT** message with a **User-user information element**, sends a **CON** message with the **User-to-user parameter**.	
ISDN Parameter values:	CONNECT; **User-user information element**	
ISUP Parameter values:	CON; **User-to-user parameter**	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP612106	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **CONNECT** message with a **User-user information element**, sends an **ANM** message with the **User-to-user parameter**.	
ISDN Parameter values:	CONNECT; **User-user information element**	
ISUP Parameter values:	ANM; **User-to-user parameter**	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP612107	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **DISCONNECT** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612108	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **RELEASE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE-> SUT -> REL ISUP	

TP612109	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **RELEASE COMPLETE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE COMPLETE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612110	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **DISCONNECT** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612111	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **RELEASE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE-> SUT -> REL ISUP	

TP612112	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **RELEASE COMPLETE** message with a **User-user information element**, sends a **REL** message with a **User-to-user parameter**.	
ISDN Parameter values:	RELEASE COMPLETE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612113	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:	S/T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **REL** message with a **User-to-user parameter**, sends a **RELEASE** message with a **User-user information element**.	
ISDN Parameter values:	RELEASE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISUP REL -> SUT -> RELEASE ISDN	

TP612114	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 implicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **REL** message with a **User-to-user parameter**, sends a **DISCONNECT** message with a **User-user information element**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP612115	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.1
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 implicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **REL** message with a **User-to-user parameter**, sends a **DISCONNECT** message with a **User-user information element**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

6.3.2.12.2 Service 1 (UUS1) explicit

ISDN selection criteria: UUS1 explicit subscribed.

TP612201	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = request, not essential Service 2 = no information Service 3 = no information and without the **User-to-user parameter**, sends a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service1 Preferred = preferred request and without the **User-user information element**.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 1 Preferred = True **User-user information element** not present	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter** not present	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP612202	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = request, not essential Service 2 = no information Service 3 = no information and with the **User-to-user parameter**, sends a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service1 Preferred = preferred request and with the **User-user information element**.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 1 Preferred = True **User-user information element**	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter**	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP612203	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = request, essential Service 2 = no information Service 3 = no information and without the **User-to-user parameter**, sends a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service1 Preferred = required request and without the **User-user information element**.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 1 Preferred = False **User-user information element** not present	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '11'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter** not present	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP612204	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = request, essential Service 2 = no information Service 3 = no information and with the **User-to-user parameter**, sends a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service1 Preferred = required request and with the **User-user information element**.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 1 Preferred = False **User-user information element**	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '11'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter**	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP612205	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested), not having sent the ACM message, on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component** and without a **User-user information element**, sends an **ACM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and without the **User-to-user parameter**.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component **User-user information element** not present	
ISUP Parameter values:	ACM; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter** not present	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP612206	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested), not having sent the ACM message, on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component** and with a **User-user information element**, sends an **ACM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and with the **User-to-user parameter**.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component **User-user information element**	
ISUP Parameter values:	ACM; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter**	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP612207	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component** and without a **User-user information element**, sends a **CPG** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and without the **User-to-user parameter**.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component **User-user information element** not present	
ISUP Parameter values:	CPG; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter** not present	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP612208	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component** and with a **User-user information element**, sends a **CPG** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and with the **User-to-user parameter**.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component **User-user information element**	
ISUP Parameter values:	CPG; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter**	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP612209	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested), not having sent the ACM message, on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component** and without a **User-user information element**, sends a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and without the **User-to-user parameter**.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component **User-user information element** not present	
ISUP Parameter values:	CON; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter** not present	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP612210	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested), not having sent the ACM message, on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component** and with a **User-user information element**, sends a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and with the **User-to-user parameter**.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component **User-user information element**	
ISUP Parameter values:	CON; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter**	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP612211	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component** and without a **User-user information element**, sends an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and without the **User-to-user parameter**.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component **User-user information element** not present	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter** not present	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP612212	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component** and with a **User-user information element**, sends an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and with the **User-to-user parameter**.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component **User-user information element**	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter**	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP612213	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a **DISCONNECT** message with a **Facility information element** containing a **UserUserService return result component** and without a **User-user information element**, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and without the **User-to-user parameter**.	
ISDN Parameter values:	DISCONNECT; **Facility information element** UserUserService return result component **User-user information element** not present	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter** not present	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612214	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a **DISCONNECT** message with a **Facility information element** containing a **UserUserService return result component** and with a **User-user information element**, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = provided Service 2 = no information Service 3 = no information and with the **User-to-user parameter**.	
ISDN Parameter values:	DISCONNECT; **Facility information element** UserUserService return result component **User-user information element**	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '10'B Service 2 = '00'B Service 3 = '00'B **User-to-user parameter**	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612215	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **CONNECT** message with a **User-user information element**, sends an **ANM** message with the **User-to-user parameter**.	
ISDN Parameter values:	CONNECT; **User-user information element**	
ISUP Parameter values:	ANM; **User-to-user parameter**	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP612216	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **DISCONNECT** message with a **User-user information element**, sends a **REL** message with the **User-to-user parameter**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612217	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **RELEASE** message with a **User-user information element**, sends a **REL** message with the **User-to-user parameter**.	
ISDN Parameter values:	RELEASE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP612218	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **RELEASE COMPLETE** message with a **User-user information element**, sends a **REL** message with the **User-to-user parameter**.	
ISDN Parameter values:	RELEASE COMPLETE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612219	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **DISCONNECT** message with a **User-user information element**, sends a **REL** message with the **User-to-user parameter**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612220	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **RELEASE** message with a **User-user information element**, sends a **REL** message with the **User-to-user parameter**.	
ISDN Parameter values:	RELEASE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP612221	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **RELEASE COMPLETE** message with a **User-user information element**, sends a **REL** message with the **User-to-user parameter**.	
ISDN Parameter values:	RELEASE COMPLETE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612222	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **REL** message with a **User-to-user parameter**, sends a **DISCONNECT** message with a **User-user information element**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP612223	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	S/T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS1 has been activated), on receipt of a **REL** message with a **User-to-user parameter**, sends a **RELEASE** message with a **User-user information element**.	
ISDN Parameter values:	RELEASE; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISUP REL -> SUT -> RELEASE ISDN	

TP612224	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	DSS1-ISUP/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS1 has been activated), on receipt of a **REL** message with a **User-to-user parameter**, sends a **DISCONNECT** message with a **User-user information element**.	
ISDN Parameter values:	DISCONNECT; **User-user information element**	
ISUP Parameter values:	REL; **User-to-user parameter**	
Comments:	ISUP REL -> SUT -> DISCONNECT ISDN	

TP612225	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612226	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612227	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612228	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612229	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612230	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612231	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a **RELEASE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	RELEASE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP612232	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested), on receipt of a **RELEASE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	RELEASE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP612233	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612234	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612235	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested as “preferred"), not having sent the ACM message, on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends an **ACM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component Error value = 2	
ISUP Parameter values:	ACM; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP612236	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested as “preferred"), not having sent the ACM message, on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends an **ACM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component Error value = 1	
ISUP Parameter values:	ACM; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP612237	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested as “preferred"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **CPG** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component Error value = 2	
ISUP Parameter values:	CPG; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP612238	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested as “preferred"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **CPG** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component Error value = 1	
ISUP Parameter values:	CPG; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP612239	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested as “preferred"), not having sent the ACM message, on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component Error value = 2	
ISUP Parameter values:	CON; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP612240	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested as “preferred"), not having sent the ACM message, on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component Error value = 1	
ISUP Parameter values:	CON; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP612241	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested as “preferred"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component Error value = 2	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP612242	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested as “preferred"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = not provided Service 2 = no information Service 3 = no information.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component Error value = 1	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** Type = '1'B Service 1 = '01'B Service 2 = '00'B Service 3 = '00'B	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP612243	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested as “required"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN ALERTING -> SUT -> REL ISUP	

TP612244	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested as “required"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN ALERTING -> SUT -> REL ISUP	

TP612245	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested as “required"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN ALERTING -> SUT -> REL ISUP	

TP612246	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested as “required"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN ALERTING -> SUT -> REL ISUP	

TP612247	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested as “required"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN CONNECT -> SUT -> REL ISUP	

TP612248	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS1 has been requested as “required"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN CONNECT -> SUT -> REL ISUP	

TP612249	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested as “required"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN CONNECT -> SUT -> REL ISUP	

TP612250	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.2
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS1 has been requested as “required"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN CONNECT -> SUT -> REL ISUP	

6.3.2.12.3 Service 2 (UUS2)

ISDN selection criteria: UUS2 subscribed.

TP612301	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = no information Service 2 = request, not essential Service 3 = no information, sends a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service2 Preferred = preferred request.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 2 Preferred = True	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '00'B Service 2 = '10'B Service 3 = '00'B	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP612302	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = no information Service 2 = request, essential Service 3 = no information, sends a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service2 Preferred = required request.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 2 Preferred = False **User-user information element** not present	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '00'B Service 2 = '11'B Service 3 = '00'B **User-to-user parameter** not present	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP612303	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS2 has been requested), not having sent the ACM message, on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component**, sends an **ACM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = provided Service 3 = no information.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component	
ISUP Parameter values:	ACM; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '10'B Service 3 = '00'B	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP612304	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return result component**, sends a **CPG** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = provided Service 3 = no information.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component	
ISUP Parameter values:	CPG; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '10'B Service 3 = '00'B	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP612305	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS2 has been activated), on receipt of a **USR** message with the **User-to-user information parameter**, sends a **USER INFORMATION** message with a **User-user information element**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element**	
ISUP Parameter values:	USR; **User-to-user information parameter**	
Comments:	ISUP USR -> SUT -> USER INFORMATION ISDN	

TP612306	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS2 has been activated), on receipt of a **USR** message with the **User-to-user information parameter** and the **More data parameter**, sends a **USER INFORMATION** message with a **User-user information element** and a **More data information element**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISUP USR -> SUT -> USER INFORMATION ISDN	

TP612307	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS2 has been activated), on receipt of a **USER INFORMATION** message with the **User-user information element**, sends a **USR** message with a **User-to-user information parameter**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISDN USER INFORMATION-> SUT -> USR ISUP	

TP612308	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS2 has been activated), on receipt of a **USER INFORMATION** message with the **User-user information element** and the **More data information element**, sends a **USR** message with a **User-to-user information parameter** and a **More data parameter**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISDN USER INFORMATION-> SUT -> USR ISUP	

TP612309	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612310	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612311	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS2 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612312	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS2 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612313	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = not provided Service 3 = no information.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '01'B Service 3 = '00'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612314	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = not provided Service 3 = no information.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '01'B Service 3 = '00'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612315	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested), on receipt of a **RELEASE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = not provided Service 3 = no information.	
ISDN Parameter values:	RELEASE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '01'B Service 3 = '00'B	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP612316	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested), on receipt of a **RELEASE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = not provided Service 3 = no information.	
ISDN Parameter values:	RELEASE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '01'B Service 3 = '00'B	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP612317	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS2 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = not provided Service 3 = no information.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '01'B Service 3 = '00'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612318	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS2 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = not provided Service 3 = no information.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '01'B Service 3 = '00'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612319	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS2 has been requested as “preferred"), not having sent the ACM message, on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends an **ACM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = not provided Service 3 = no information.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component Error value = 2	
ISUP Parameter values:	ACM; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '01'B Service 3 = '00'B	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP612320	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS2 has been requested as “preferred"), not having sent the ACM message, on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends an **ACM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = not provided Service 3 = no information.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component Error value = 1	
ISUP Parameter values:	ACM; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '01'B Service 3 = '00'B	
Comments:	ISDN ALERTING -> SUT -> ACM ISUP	

TP612321	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested as “preferred"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **CPG** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = not provided Service 3 = no information.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component Error value = 2	
ISUP Parameter values:	CPG; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '01'B Service 3 = '00'B	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP612322	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested as “preferred"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **CPG** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = not provided Service 3 = no information.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return result component Error value = 1	
ISUP Parameter values:	CPG; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '01'B Service 3 = '00'B	
Comments:	ISDN ALERTING -> SUT -> CPG ISUP	

TP612323	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS2 has been requested as “required"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN ALERTING -> SUT -> REL ISUP	

TP612324	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS2 has been requested as “required"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN ALERTING -> SUT -> REL ISUP	

TP612325	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:	S/T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS2 has been requested as “required"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 88, Destination incompatible Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1011000'B Diagnostics = '00101010'B	
Comments:	ISDN ALERTING -> SUT -> REL ISUP	

TP612326	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested as “required"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN ALERTING -> SUT -> REL ISUP	

TP612327	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested as “required"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN ALERTING -> SUT -> REL ISUP	

TP612328	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.3
TSS reference:	ISUP-DSS1/SS/UUS/UUS2	
ISDN selection criteria:	S/T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS2 has been requested as “required"), on receipt of an **ALERTING** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 88, Destination incompatible Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	ALERTING; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1011000'B Diagnostics = '00101010'B	
Comments:	ISDN ALERTING -> SUT -> REL ISUP	

6.3.2.12.4 Service 3 (UUS3)

ISDN selection criteria: UUS3 subscribed.

TP612401	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = no information Service 2 = no information Service 3 = request, not essential, sends a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service3 Preferred = preferred request.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 3 Preferred = True	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '00'B Service 2 = '00'B Service 3 = '10'B	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP612402	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of an **IAM** message with the **User-to-user indicators parameter** coded Type = request Service 1 = no information Service 2 = no information Service 3 = request, essential, sends a **SETUP** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service3 Preferred = required request.	
ISDN Parameter values:	SETUP; **Facility information element** UserUserService invoke component Service = 3 Preferred = False **User-user information element** not present	
ISUP Parameter values:	IAM; **User-to-user indicators parameter** Type = '0'B Service 1 = '00'B Service 2 = '00'B Service 3 = '11'B **User-to-user parameter** not present	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

TP612403	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS3 has been requested), not having sent the ACM message, on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component**, sends a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = provided.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component	
ISUP Parameter values:	CON; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '10'B	
Comments:	ISDN CONNECT-> SUT -> ACM ISUP	

TP612404	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS3 has been requested), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return result component**, sends an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = provided.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '10'B	
Comments:	ISDN CONNECT-> SUT -> ANM ISUP	

TP612405	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N10, on receipt of a **FAR** message with the **User-to-user indicators parameter** coded Type = request Service 3 = request, not essential, sends a **FACILITY** message with a **Facility information element** containing a **UserUserService invoke component** coded Service 1 = no information Service 2 = no information Service = Service 3 Preferred = preferred request.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService invoke component Service = 3 Preferred = True	
ISUP Parameter values:	FAR; **User-to-user indicators parameter** Type = '0'B Service 1 = '00'B Service 2 = '00'B Service 3 = '10'B	
Comments:	ISUP FAR -> SUT -> ISDN FACILITY	

TP612406	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N10 (UUS3 has been requested), on receipt of a **FACILITY** message with a **Facility information element** containing a **UserUserService return result component**, sends a **FAA** message with the **User-to-user indicators parameter** coded Type = response Service 3 = provided.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return result component	
ISUP Parameter values:	FAA; **User-to-user indicators parameter** Type = '1'B Service 3 = '10'B	
Comments:	ISDN FACILITY -> SUT -> IAM FAA	

TP612407	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the state N10, on receipt of a **FACILITY** message with a **Facility information element** containing a **UserUserService invoke component** coded Service = Service 3 Preferred = preferred request, sends a **FAR** message with the **User-to-user indicators parameter** coded Type = request Service 3 = request, not essential.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService invoke component Service = 3 Preferred = True	
ISUP Parameter values:	FAR; **User-to-user indicators parameter** Type = '0'B Service 3 = '10'B	
Comments:	ISDN FACILITY -> SUT -> ISUP FAR	

TP612408	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been requested), on receipt of a **FAA** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = provided, sends a **FACILITY** message with a **Facility information element** containing a **UserUserService return result component**.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return result component	
ISUP Parameter values:	FAA; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '10'B	
Comments:	ISUP FAA -> SUT -> FACILITY ISDN	

TP612409	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been activated), on receipt of a **USR** message with the **User-to-user information parameter**, sends a **USER INFORMATION** message with a **User-user information element**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element**	
ISUP Parameter values:	USR; **User-to-user information parameter**	
Comments:	ISUP USR -> SUT -> USER INFORMATION ISDN	

TP612410	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been activated), on receipt of a **USR** message with the **User-to-user information parameter** and the **More data parameter**, sends a **USER INFORMATION** message with a **User-user information element** and a **More data information element**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISUP USR -> SUT -> USER INFORMATION ISDN	

TP612411	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been activated), on receipt of a **USER INFORMATION** message with the **User-user information element**, sends a **USR** message with a **User-to-user information parameter**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISDN USER INFORMATION-> SUT -> USR ISUP	

TP612412	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been activated), on receipt of a **USER INFORMATION** message with the **User-user information element** and the **More data information element**, sends a **USR** message with a **User-to-user information parameter** and a **More data parameter**.	
ISDN Parameter values:	USER INFORMATION; **User-user information element** **More data information element**	
ISUP Parameter values:	USR; **User-to-user information parameter** **More data parameter**	
Comments:	ISDN USER INFORMATION-> SUT -> USR ISUP	

TP612413	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS3 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612414	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS3 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612415	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS3 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612416	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS3 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = 29, Facility rejected and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 29, Facility rejected Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = '0011101'B **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '0011101'B Diagnostics = '00101010'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612417	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS3 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612418	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS3 has been requested), on receipt of a **DISCONNECT** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B	
Comments:	ISDN DISCONNECT -> SUT -> REL ISUP	

TP612419	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS3 has been requested), on receipt of a **RELEASE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided.	
ISDN Parameter values:	RELEASE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP612420	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS3 has been requested), on receipt of a **RELEASE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided.	
ISDN Parameter values:	RELEASE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B	
Comments:	ISDN RELEASE -> SUT -> REL ISUP	

TP612421	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS3 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612422	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS3 has been requested), on receipt of a **RELEASE COMPLETE** message with a **Cause information element** coded Cause value = other than 29 and a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = PIXIT **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B	
Comments:	ISDN RELEASE COMPLETE -> SUT -> REL ISUP	

TP612423	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS3 has been requested as “preferred"), not having sent the ACM message, on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component Error value = 2	
ISUP Parameter values:	CON; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP612424	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS1 explicit	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS3 has been requested as “preferred"), not having sent the ACM message, on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **CON** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component Error value = 1	
ISUP Parameter values:	CON; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B	
Comments:	ISDN CONNECT -> SUT -> CON ISUP	

TP612425	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS3 has been requested as “preferred"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component Error value = 2	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP612426	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS3 has been requested as “preferred"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends an **ANM** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return result component Error value = 1	
ISUP Parameter values:	ANM; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B	
Comments:	ISDN CONNECT -> SUT -> ANM ISUP	

TP612427	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS3 has been requested as “required"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN CONNECT -> SUT -> REL ISUP	

TP612428	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6 (UUS3 has been requested as “required"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN CONNECT -> SUT -> REL ISUP	

TP612429	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS3 has been requested as “required"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN CONNECT -> SUT -> REL ISUP	

TP612430	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9 (UUS3 has been requested as “required"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN CONNECT -> SUT -> REL ISUP	

TP612431	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS3 has been requested as “required"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN CONNECT -> SUT -> REL ISUP	

TP612432	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7 (UUS3 has been requested as “required"), on receipt of a **CONNECT** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **REL** message with the **Cause parameter** coded Cause value = 69, Requested facility not implemented Diagnostics = User-to-user indicators parameter name.	
ISDN Parameter values:	CONNECT; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	REL; **Cause parameter** Cause value = '1000101'B Diagnostics = '00101010'B	
Comments:	ISDN CONNECT -> SUT -> REL ISUP	

TP612433	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been requested), on receipt of a **FACILITY** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser, sends a **FRJ** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided and with a **Cause parameter** coded Cause value = 29, Facility rejected.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	FRJ; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B **Cause parameter** Cause value = '0011101'B	
Comments:	ISDN FACILITY -> SUT -> ISUP FRJ	

TP612434	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:	T reference point	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been requested), on receipt of a **FACILITY** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByNetwork, sends a **FRJ** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided and with a **Cause parameter** coded Cause value = 29, Facility rejected.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return error component Error value = 1	
ISUP Parameter values:	FRJ; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B **Cause parameter** Cause value = '0011101'B	
Comments:	ISDN FACILITY -> SUT -> ISUP FRJ	

TP5612435	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been requested), on the expiry of timer T1, sends a **FRJ** message with the **User-to-user indicators parameter** coded Type = response Service 1 = no information Service 2 = no information Service 3 = not provided and with a **Cause parameter** coded Cause value = 69, Requested facility not implemented.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	FRJ; **User-to-user indicators parameter** Type = '1'B Service 1 = '00'B Service 2 = '00'B Service 3 = '01'B **Cause parameter** Cause value = '1000101'B	
Comments:	ISDN FACILITY -> SUT -> ISUP FRJ	

TP612436	ISDN reference: EN 300 286-1 [25]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.15.4
TSS reference:	ISUP-DSS1/SS/UUS/UUS3	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10 (UUS3 has been requested), on receipt of a **FRJ** message with the **User-to-user indicators parameter** coded Type = response Service 3 = not provided, sends a **FACILITY** message with a **Facility information element** containing a **UserUserService return error component** coded Error value = rejectedByUser.	
ISDN Parameter values:	FACILITY; **Facility information element** UserUserService return error component Error value = 2	
ISUP Parameter values:	FRJ; **User-to-user indicators parameter** Type = '1'B Service 3 = '01'B	
Comments:	ISUP FRJ -> SUT -> FACILITY ISDN	

6.3.2.13 Completion of Call to Busy Subscriber (CCBS)

ISDN selection criteria: CCBS available.

6.3.2.13.1 S/T reference point

ISDN selection criteria: S/T reference point.

TP613101	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.17.1
TSS reference:	ISUP-DSS1/SS/CCBS/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, on receipt of a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV, sends a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS possible.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISDN DISCONNECT-> SUT -> ISUP REL	

TP613102	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.17.1
TSS reference:	ISUP-DSS1/SS/CCBS/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, on receipt of a **RELEASE** message with the **Cause information element** coded Cause value = ISDN_CV, sends a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS possible.	
ISDN Parameter values:	RELEASE; **Cause information element** Cause value = ISDN_CV	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISDN RELEASE-> SUT -> ISUP REL	

TP613103	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.17.1
TSS reference:	ISUP-DSS1/SS/CCBS/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, on receipt of a **RELEASE COMPLETE** message with the **Cause information element** coded Cause value = ISDN_CV, sends a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS possible.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = ISDN_CV	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISDN RELEASE COMPLETE-> SUT -> ISUP REL	

Values for the test purpose TP613101 - TP613103		
VA_01	ISDN_CV = 17, user busy, '0010001'B	ISUP_CV = 17, user busy, '0010001'B
VA_02	ISDN_CV = 34, no circuit/channel available, '0100010'B	ISUP_CV = 34, no circuit/channel available, '0100010'B

TP613104	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.17.1
TSS reference:	ISUP-DSS1/SS/CCBS/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state (Remote user free indication has been delivered), on receipt of an **IAM** message with the **CCBS parameter** coded CCBS call indicator = CCBS call, sends a **SETUP** message.	
ISDN Parameter values:	SETUP;	
ISUP Parameter values:	IAM; **Forward call indicators parameter** ISDN user part preference indicator = '10'B **CCBS parameter** CCBS call indicator = '1'B	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

6.3.2.13.2 T reference point

ISDN selection criteria: T reference point.

TP613201	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.17.2
TSS reference:	ISUP-DSS1/SS/CCBS/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, on receipt of a **DISCONNECT** message with the **Cause information element** coded Cause value = ISDN_CV and with a Facility information element containing a **CCBS-T-Available invoke component**, sends a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS possible.	
ISDN Parameter values:	DISCONNECT; **Cause information element** Cause value = ISDN_CV **Facility information element** CCBS-T-Available invoke component	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISDN DISCONNECT-> SUT -> ISUP REL	

TP613202	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.17.2
TSS reference:	ISUP-DSS1/SS/CCBS/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, on receipt of a **RELEASE** message with the **Cause information element** coded Cause value = ISDN_CV and with a Facility information element containing a **CCBS-T-Available invoke component**, sends a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS possible.	
ISDN Parameter values:	RELEASE; **Cause information element** Cause value = ISDN_CV **Facility information element** CCBS-T-Available invoke component	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISDN RELEASE-> SUT -> ISUP REL	

TP613203	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.17.2
TSS reference:	ISUP-DSS1/SS/CCBS/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, on receipt of a **RELEASE COMPLETE** message with the **Cause information element** coded Cause value = ISDN_CV and with a Facility information element containing a **CCBS-T-Available invoke component**, sends a **REL** message with the **Cause parameter** coded Cause value = ISUP_CV Diagnostics = CCBS possible.	
ISDN Parameter values:	RELEASE COMPLETE; **Cause information element** Cause value = ISDN_CV **Facility information element** CCBS-T-Available invoke component	
ISUP Parameter values:	REL; **Cause parameter** Cause value = ISUP_CV Diagnostics = '00000001'B	
Comments:	ISDN RELEASE COMPLETE-> SUT -> ISUP REL	

Values for the test purpose TP613201 - TP613203		
VA_01	ISDN_CV = 17, user busy, '0010001'B	ISUP_CV = 17, user busy, '0010001'B
VA_02	ISDN_CV = 34, no circuit/channel available, '0100010'B	ISUP_CV = 34, no circuit/channel available, '0100010'B

TP613204	ISDN reference: EN 300 359-1 [26]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.17.2
TSS reference:	ISUP-DSS1/SS/CCBS/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state (Remote user free indication has been delivered), on receipt of an **IAM** message with the **CCBS parameter** coded CCBS call indicator = CCBS call, sends a **SETUP** message with a Facility information element containing a **CCBS-T-Call invoke component**.	
ISDN Parameter values:	SETUP; **FACILITY information element** CCBS-T-Call invoke component	
ISUP Parameter values:	IAM; **Forward call indicators parameter** ISDN user part preference indicator = '10'B **CCBS parameter** CCBS call indicator = '1'B	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

6.3.2.14 Explicit Call Transfer (ECT)

6.3.2.14.1 S/T reference point

ISDN selection criteria: S/T reference point.

TP614101	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, alerting, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, alerting and with the **Facility information element** containing a **RequestSubaddress invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101001'B **Facility information element** Component = RequestSubaddress invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101001'B	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614102	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, alerting, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, alerting**.**	
ISDN Parameter values:	NOTIFYY; **Notification indicator information element** Notification description = '1101001'B	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101001'B	
Comments:	ISUP FAC -> SUT -> NOTIFY ISDN	

TP614103	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN (Telephony) numbering plan Address signals included and with the **Access transport parameter** including a Connected subaddress information element, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, active, the **Redirection number information element** coded Presentation indicator = Presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Number digits included and with the **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Number digits = PIXIT **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address signals = PIXIT **Access transport parameter** including a Connected subaddress information element	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614104	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN (Telephony) numbering plan Address signals included and with the **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, active, the **Redirection number information element** coded Presentation indicator = Presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Number digits included and with the **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Number digits = PIXIT **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address signals = PIXIT **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614105	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN (Telephony) numbering plan Address signals included and with the **Access transport parameter** including a Connected subaddress information element, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, active, the **Redirection number information element** coded Presentation indicator = Presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Number digits included and with the **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Number digits = PIXIT **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address signals = PIXIT **Access transport parameter** including a Connected subaddress information element	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614106	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN (Telephony) numbering plan Address signals included and with the **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, active, the **Redirection number information element** coded Presentation indicator = Presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Number digits included and with the **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Number digits = PIXIT **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address signals = PIXIT **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

Values for the test purposes TP614003 - TP614006		
VA_01	ISDN_TON = national number, '010'B	ISUP_NAI = national number, '0000011'B
VA_02	ISDN_TON = international number, '001'B	ISUP_NAI = international number, '0000100'B
VA_03	ISDN_TON = subscriber number, '100'B	ISUP_NAI = subscriber number, '0000001'B
VA_04	ISDN_TON = unknown, '000'B	ISUP_NAI = unknown, '0000010'B

TP614107	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** and without any subaddress information included, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Number not available due to interworking Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Subaddress information not included	
Comments:	ISUP FAC -> SUT -> NOTIFY ISDN	

TP614108	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** and without any subaddress information included, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Number not available due to interworking Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Subaddress information not included	
Comments:	ISUP FAC -> SUT -> NOTIFY ISDN	

TP614109	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and without the **Call transfer number parameter**, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Number not available due to interworking Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** not present	
Comments:	ISUP FAC -> SUT -> NOTIFY ISDN	

TP614110	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and without the **Call transfer number parameter**, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Number not available due to interworking Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** not present	
Comments:	ISUP FAC -> SUT -> NOTIFY ISDN	

TP614111	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and with the **Call transfer number parameter** coded Address presentation restricted indicator = presentation restricted, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Presentation restricted Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted indicator = '01'B	
Comments:	ISUP FAC -> SUT -> NOTIFY ISDN	

TP614112	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and with the **Call transfer number parameter** coded Address presentation restricted indicator = presentation restricted, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Presentation restricted Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted indicator = '01'B	
Comments:	ISUP FAC -> SUT -> NOTIFY ISDN	

TP614113	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has not been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN (Telephony) numbering plan Address signals included, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, active, the **Redirection number information element** coded Presentation indicator = Presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Number digits included and with the **Facility information element** containing a **RequestSubaddress invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Number digits = PIXIT **Facility information element** Component = RequestSubaddress invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address signals = PIXIT	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614114	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has not been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN (Telephony) numbering plan Address signals included, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Number digits included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Number digits = PIXIT	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address signals = PIXIT	
Comments:	ISUP FAC -> SUT -> NOTIFY ISDN	

Values for the test purposes TP614013 - TP614014		
VA_01	ISDN_TON = national number, '010'B	ISUP_NAI = national number, '0000011'B
VA_02	ISDN_TON = international number, '001'B	ISUP_NAI = international number, '0000100'B
VA_03	ISDN_TON = subscriber number, '100'B	ISUP_NAI = subscriber number, '0000001'B
VA_04	ISDN_TON = unknown, '000'B	ISUP_NAI = unknown, '0000010'B

TP614115	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has not been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and without the **Call transfer number parameter**, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, active, the **Redirection number information element** coded Presentation indicator = Number not available due to interworking Type of number = unknown Numbering plan identification = unknown Number digits not included and with the **Facility information element** containing a **RequestSubaddress invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included **Facility information element** Component = RequestSubaddress invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** not present	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614116	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has not been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and without the **Call transfer number parameter**, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Number not available due to interworking Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** not present	
Comments:	ISUP FAC -> SUT -> NOTIFY ISDN	

TP614117	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has not been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and the **Call transfer number parameter** coded Address presentation restricted parameter = presentation restricted, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, active, the **Redirection number information element** coded Presentation indicator = Presentation restricted Type of number = unknown Numbering plan identification = unknown Number digits not included and with the **Facility information element** containing a **RequestSubaddress invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included **Facility information element** Component = RequestSubaddress invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '01'B	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614118	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has not been sent, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and the **Call transfer number parameter** coded Address presentation restricted parameter = presentation restricted, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Presentation restricted Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '01'B	
Comments:	ISUP FAC -> SUT -> NOTIFY ISDN	

TP614119	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, without the **Generic notification parameter** and with the **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component, sends a **FACILITY** message with the **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** not present **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614120	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.1
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, without the **Generic notification parameter** and with the **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component, sends a **FACILITY** message with the **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** not present **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614121	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN (Telephony) numbering plan Address signals included and with the **Access transport parameter** including a Connected subaddress information element, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, active, the **Redirection number information element** coded Presentation indicator = Presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Number digits included and with the **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Number digits = PIXIT **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address signals = PIXIT **Access transport parameter** including a Connected subaddress information element	
Comments:	ISUP CPG -> SUT -> FACILITY ISDN	

TP614122	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN (Telephony) numbering plan Address signals included and with the **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, active, the **Redirection number information element** coded Presentation indicator = Presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Number digits included and with the **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Number digits = PIXIT **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address signals = PIXIT **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISUP CPG -> SUT -> FACILITY ISDN	

TP614123	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN (Telephony) numbering plan Address signals included and with the **Access transport parameter** including a Connected subaddress information element, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, active, the **Redirection number information element** coded Presentation indicator = Presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Number digits included and with the **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Number digits = PIXIT **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address signals = PIXIT **Access transport parameter** including a Connected subaddress information element	
Comments:	ISUP CPG -> SUT -> FACILITY ISDN	

TP614124	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN (Telephony) numbering plan Address signals included and with the **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component, sends a **FACILITY** message with the **Notification indicator information element** coded Notification description = Call transfer, active, the **Redirection number information element** coded Presentation indicator = Presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Number digits included and with the **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Number digits = PIXIT **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address signals = PIXIT **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISUP CPG -> SUT -> FACILITY ISDN	

Values for the test purposes TP614021 - TP614024		
VA_01	ISDN_TON = national number, '010'B	ISUP_NAI = national number, '0000011'B
VA_02	ISDN_TON = international number, '001'B	ISUP_NAI = international number, '0000100'B
VA_03	ISDN_TON = subscriber number, '100'B	ISUP_NAI = subscriber number, '0000001'B
VA_04	ISDN_TON = unknown, '000'B	ISUP_NAI = unknown, '0000010'B

TP614125	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** and without any subaddress information included, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Number not available due to interworking Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Subaddress information not included	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP614126	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** and without any subaddress information included, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Number not available due to interworking Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Subaddress information not included	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP614127	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active and without the **Call transfer number parameter**, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Number not available due to interworking Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** not present	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP614128	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active and without the **Call transfer number parameter**, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Number not available due to interworking Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** not present	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP614129	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:	Interaction ECT-ECT supported	
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active and with the **Call transfer number parameter** coded Address presentation restricted indicator = presentation restricted, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Presentation restricted Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted indicator = '01'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP614130	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, when a “call transfer, alerting" notification has been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active and with the **Call transfer number parameter** coded Address presentation restricted indicator = presentation restricted, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Presentation restricted Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted indicator = '01'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP614131	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has not been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active and the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed Nature of address indicator = ISUP_NAI Numbering plan indicator = ISDN (Telephony) numbering plan Address signals included, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Presentation allowed Type of number = ISDN_TON or unknown Numbering plan identification = ISDN/Telephony numbering plan Number digits included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '00'B Type of number = ISDN_TON or '000'B Numbering plan identification = '0001'B Number digits = PIXIT	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B Nature of address indicator = ISUP_NAI Numbering plan indicator = '001'B Address signals = PIXIT	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

Values for the test purposes TP614031		
VA_01	ISDN_TON = national number, '010'B	ISUP_NAI = national number, '0000011'B
VA_02	ISDN_TON = international number, '001'B	ISUP_NAI = international number, '0000100'B
VA_03	ISDN_TON = subscriber number, '100'B	ISUP_NAI = subscriber number, '0000001'B
VA_04	ISDN_TON = unknown, '000'B	ISUP_NAI = unknown, '0000010'B

TP614132	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has not been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active and without the **Call transfer number parameter**, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Number not available due to interworking Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '10'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** not present	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP614133	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, when a “call transfer, alerting" notification has not been sent, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active and the **Call transfer number parameter** coded Address presentation restricted parameter = presentation restricted, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, active and the **Redirection number information element** coded Presentation indicator = Presentation restricted Type of number = unknown Numbering plan identification = unknown Number digits not included**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101010'B **Redirection number information element** Presentation indicator = '01'B Type of number = '000'B Numbering plan identification = '0000'B Number digits not included	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '01'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP614134	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, alerting, sends a **NOTIFY** message with the **Notification indicator information element** coded Notification description = Call transfer, alerting**.**	
ISDN Parameter values:	NOTIFY; **Notification indicator information element** Notification description = '1101001'B	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101001'B	
Comments:	ISUP CPG -> SUT -> NOTIFY ISDN	

TP614135	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.1.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, having sent a RequestSubaddress invoke component, on receipt of a **FACILITY** message with the **Facility information element** containing a **SubaddressTransfer invoke component**, sends a **FAC** message with the **Service activation parameter** coded Feature code = call transfer and with the **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISDN FACILITY -> SUT -> FAC ISUP	

6.3.2.14.2 T reference point

ISDN selection criteria: T reference point.

6.3.2.14.2.1 Loop prevention procedure

ISDN selection criteria: Loop prevention procedure supported.

TP614201	**ISDN reference:** **EN 300 369-1 [27]**	**ISUP reference:** **EN 300 899-1 [1], clause 3.1.2.18.2.1**
TSS reference:	ISUP-DSS1/SS/ECT/T reference point/Loop prevention	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **LOP** message with the **Loop prevention indicators parameter** coded Type = request and with the **Call transfer reference parameter**, sends a **FACILITY** message with the **Facility information element** containing an **EctLoopTest invoke component**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctLoopTest invoke component	
ISUP Parameter values:	LOP; **Loop prevention indicators parameter** Type = '0'B **Call transfer reference parameter**	
Comments:	ISUP LOP -> SUT -> FACILITY ISDN	

TP614202	**ISDN reference:** **EN 300 369-1 [27]**	**ISUP reference:** **EN 300 899-1 [1], clause 3.1.2.18.2.1**
TSS reference:	ISUP-DSS1/SS/ECT/T reference point/Loop prevention	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **FACILITY** message with the **Facility information element** containing an **EctLoopTest return result component** coded LoopResult = ISDN_LR, sends a **LOP** message with the **Loop prevention indicators parameter** coded Type = response Response indicator = ISUP_RI and with the **Call transfer reference parameter**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctLoopTest return result component LoopResult = ISDN_LR	
ISUP Parameter values:	LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = ISUP_RI **Call transfer reference parameter**	
Comments:	ISDN FACILITY -> SUT -> LOP ISUP	

Values for the test purpose TP614202		
VA_01	ISUP_LR = insufficient information, 0	ISUP_RI = insufficient information, '00'B
VA_02	ISUP_LR = no loop exists, 1	ISUP_RI = no loop exists, '01'B
VA_03	ISUP_LR = simultaneous transfer, 2	ISUP_RI = simultaneous transfer, '10'B

TP614203	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.1
TSS reference:	ISUP-DSS1/SS/ECT/T reference point/Loop prevention	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **FACILITY** message with the **Facility information element** containing an **EctLoopTest return error component** coded Error value = notAvailable, sends a **LOP** message with the **Loop prevention indicators parameter** coded Type = response Response indicator = insufficient information and with the **Call transfer reference parameter**.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctLoopTest return error component Error value = 3	
ISUP Parameter values:	LOP; **Loop prevention indicators parameter** Type = '1'B Response indicator = '00'B **Call transfer reference parameter**	
Comments:	ISDN FACILITY -> SUT -> LOP ISUP	

TP614204	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.1
TSS reference:	ISUP-DSS1/SS/ECT/T reference point/Loop prevention	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, having requested the procedure to avoid looping of uncontrolled circuits, on receipt of a **FACILITY** message with the **Facility information element** containing an **EctLoopTest reject component**, sends no message.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctLoopTest reject component	
ISUP Parameter values:	-	
Comments:	ISDN FACILITY -> SUT -> -	

6.3.2.14.2.2 Service invocation

TP614301	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer and the **Generic notification parameter** coded Notification indicator = Call transfer, alerting, sends a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded Argument value = alerting.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 0	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101001'B	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614302	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed and with the **Access transport parameter** including a Connected subaddress information element, sends a **FACILITY** message with a **Facility information element** containing an **EctInform invoke component** coded Argument value = active Redirection number included and with a **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number included **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B **Access transport parameter** including a Connected subaddress information element	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614303	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed and with the **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component, sends a **FACILITY** message with a **Facility information element** containing an **EctInform invoke component** coded Argument value = active Redirection number included and with a **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number included **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614304	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** and without any subaddress information included, sends a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded Argument value = active Redirection number included**.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number included	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Subaddress information not included	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614305	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and without the **Call transfer number parameter**, sends a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded Argument value = active Redirection number included**.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number included	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** not present	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614306	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer, the **Generic notification parameter** coded Notification indicator = Call transfer, active and with the **Call transfer number parameter** coded Address presentation restricted indicator = presentation restricted, sends a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded Argument value = active Redirection number included**.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number included	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted indicator = '01'B	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614307	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FAC** message with the **Service activation parameter** coded Feature code = call transfer and with the **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component, sends a **FACILITY** message with the **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISUP FAC -> SUT -> FACILITY ISDN	

TP614308	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed and with the **Access transport parameter** including a Connected subaddress information element, sends a **FACILITY** message with a **Facility information element** containing an **EctInform invoke component** coded Argument value = active Redirection number included and with a **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number included **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B **Access transport parameter** including a Connected subaddress information element	
Comments:	ISUP CPG -> SUT -> FACILITY ISDN	

TP614309	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** coded Address presentation restricted parameter = presentation allowed and with the **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component, sends a **FACILITY** message with a **Facility information element** containing an **EctInform invoke component** coded Argument value = active Redirection number included and with a **Facility information element** containing a **SubaddressTransfer invoke component.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number included **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted parameter = '00'B **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISUP CPG -> SUT -> FACILITY ISDN	

TP614310	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active, the **Call transfer number parameter** and without any subaddress information included, sends a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded Argument value = active Redirection number included**.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number included	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Subaddress information not included	
Comments:	ISUP CPG -> SUT -> FACILITY ISDN	

TP614311	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active and without the **Call transfer number parameter**, sends a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded Argument value = active Redirection number included**.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number included	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** not present	
Comments:	ISUP CPG -> SUT -> FACILITY ISDN	

TP614312	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N7, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, active and with the **Call transfer number parameter** coded Address presentation restricted indicator = presentation restricted, sends a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded Argument value = active Redirection number included**.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 1 Redirection number included	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101010'B **Call transfer number parameter** Address presentation restricted indicator = '01'B	
Comments:	ISUP CPG -> SUT -> FACILITY ISDN	

TP614313	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **CPG** message with the **Generic notification parameter** coded Notification indicator = Call transfer, alerting, sends a **FACILITY** message with the **Facility information element** containing an **EctInform invoke component** coded Argument value = alerting.	
ISDN Parameter values:	FACILITY; **Facility information element** Component = EctInform invoke component Argument value = 0	
ISUP Parameter values:	CPG; **Generic notification parameter** Notification indicator = '1101001'B	
Comments:	ISUP CPG -> SUT -> FACILITY ISDN	

TP614314	ISDN reference: EN 300 369-1 [27]	ISUP reference: EN 300 899-1 [1], clause 3.1.2.18.2.2
TSS reference:	ISUP-DSS1/SS/ECT/S T reference point/Service invocation	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N10, on receipt of a **FACILITY** message with the **Facility information element** containing a **SubaddressTransfer invoke component**, sends a **FAC** message with the **Service activation parameter** coded Feature code = call transfer and with the **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component**.**	
ISDN Parameter values:	FACILITY; **Facility information element** Component = SubaddressTransfer invoke component	
ISUP Parameter values:	FAC; **Service activation parameter** Feature code = '00000001'B **Access transport parameter** including a Facility information element with a SubaddressTransfer invoke component	
Comments:	ISDN FACILITY -> SUT -> FAC ISUP	

6.3.2.15 Completion of Calls on No reply (CCNR)

ISDN selection criteria: CCNR available.

6.3.2.15.1 S/T reference point

ISDN selection criteria: S/T reference point.

TP615101	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	ISUP-DSS1/SS/CCNR/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of an **ALERTING** message, sends an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free and with the **CCNR possible indicator parameter** coded CCNR possible indicator = CCNR possible.	
ISDN Parameter values:	ALERTING;	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B **CCNR possible indicator parameter** CCNR possible indicator = '1'B	
Comments:	ISDN ALERTING -> SUT -> ISUP ACM	

TP615102	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	ISUP-DSS1/SS/CCNR/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, on receipt of an **ALERTING** message, sends a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and with the **CCNR possible indicator parameter** coded CCNR possible indicator = CCNR possible.	
ISDN Parameter values:	ALERTING;	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B, **CCNR possible indicator parameter** CCNR possible indicator = '1'B	
Comments:	ISDN ALERTING -> SUT -> ISUP CPG	

TP615103	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	ISUP-DSS1/SS/CCNR/S T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state (Remote user free indication has been delivered), on receipt of an **IAM** message with the **CCSS parameter** coded CCSS call indicator = CCSS call, sends a **SETUP** message.	
ISDN Parameter values:	SETUP;	
ISUP Parameter values:	IAM; **Forward call indicators parameter** ISDN user part preference indicator = '10'B **CCSS parameter** CCSS call indicator = '1'B	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

6.3.2.15.2 T reference point

ISDN selection criteria: T reference point.

TP615201	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	ISUP-DSS1/SS/CCNR/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N6, not having sent the ACM message, on receipt of an **ALERTING** message with a **Facility information element** containing a **CCBS-T-Available invoke component**, sends an **ACM** message with the **Backward call indicators parameter** coded Called party's status indicator = subscriber free and with the **CCNR possible indicator parameter** coded CCNR possible indicator = CCNR possible.	
ISDN Parameter values:	ALERTING; **Facility information element** CCBS-T-Available invoke component	
ISUP Parameter values:	ACM; **Backward call indicators parameter** Called party's status indicator = '01'B **CCNR possible indicator parameter** CCNR possible indicator = '1'B	
Comments:	ISDN ALERTING -> SUT -> ISUP ACM	

TP615202	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	ISUP-DSS1/SS/CCNR/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in state N9, on receipt of an **ALERTING** message with a **Facility information element** containing a **CCBS-T-Available invoke component**, sends a **CPG** message with the **Event information parameter** coded Event indicator = ALERTING and with the **CCNR possible indicator parameter** coded CCNR possible indicator = CCNR possible.	
ISDN Parameter values:	ALERTING; **Facility information element** CCBS-T-Available invoke component	
ISUP Parameter values:	CPG; **Event information parameter** Event indicator = '0000001'B, **CCNR possible indicator parameter** CCNR possible indicator = '1'B	
Comments:	ISDN ALERTING -> SUT -> ISUP CPG	

TP615203	ISDN reference: EN 301 065-1 [28]	ISUP reference: EN 300 356-20 [29]
TSS reference:	ISUP-DSS1/SS/CCNR/T reference point	
ISDN selection criteria:		
ISUP selection criteria:		
Test purpose:	Ensure that the SUT in the Idle state (Remote user free indication has been delivered), on receipt of an **IAM** message with the **CCSS parameter** coded CCSS call indicator = CCSS call, sends a **SETUP** message with a Facility information element containing a **CCBS-T-Call invoke component**.	
ISDN Parameter values:	SETUP; **FACILITY information element** CCBS-T-Call invoke component	
ISUP Parameter values:	IAM; **Forward call indicators parameter** ISDN user part preference indicator = '10'B **CCSS parameter** CCSS call indicator = '1'B	
Comments:	ISUP IAM -> SUT -> SETUP ISDN	

7 Test coverage

7.1 General remarks

The test purposes defined in the present document cover most main capabilities of the ISUP '97 reference specification. A list of areas/capabilities currently not covered is provided in table 1. The test purposes defined are not exhaustive, and do not cover all aspects of the reference specification. As can be seen from table 2, the majority of test purposes (60 %) concentrate on valid behaviour.

The number of invalid behaviour test purposes is limited. An expansion of the invalid behaviour test purposes is left for further study.

Table 1: Issues not tested

Table 2: Test coverage

Number of Test Purposes Interworking DSS1/ISUP '92 Basic Call

Number of test cases for interworking from DSS1 to ISUP (outgoing call) test purposes	
Number of test cases for interworking from Non-ISDN access to ISUP (outgoing call)	
Number of test cases for interworking from ISUP to DSS1 (incoming call)	
Number of test cases for interworking from ISUP to Non-ISDN access (incoming call)	
Total	

Annex A (informative): Definition of causes values

The following tables indicate the usage of cause values and location codes within the present document. For more precise usage of the location codes in the cause information element, see EN 300 485 [7].

Table A.1: DSS1/ISUP Receipt of the Release message (State 2 and State 3)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
1	1	Unallocated (unassigned) number	U, RPN, RLN, TN, INTL	U, RPN, RLN, TN, INTL
2	2	No route to specified transit network	LN, TN	LN, TN
3	3	No route to destination	U, RPN, LN	U, RPN, LN
17	17	User busy	U, RPN, RLN	U, RPN, RLN
18	18	No user responding	RPN, RLN	RPN, RLN
21	21	Call rejected	U, RPN, RLN	U, RPN, RLN
22	22	Number changed	U, RPN, RLN	U, RPN, RLN
27	27	Destination out of order	RLN	RLN
28	28	Invalid number format (address incomplete)	U, RPN, RLN, LN, INTL	U, RPN, RLN, LN; INTL
29	29	Facility rejected	U, RPN, RLN, LN, TN, INTL	U, RPN, RLN, LN, TN, INTL
31	31	Normal, unspecified	RLN, TN, INTL	RLN, TN, INTL
34	34	No circuit/channel available	U, RPN, RLN, LN, TN, INTL	U, RPN, RLN, LN, TN, INTL
38	38	Network out of order	U, RPN	U, RPN
41	41	Temporary failure	U, RPN, RLN, LN	U, RPN, RLN, LN
42	42	Switching equipment congestion	TN, RLN, INTL	TN, RLN, INTL
43	43	Access information discarded	U, RPN, LN	U, RPN, LN
44	44	Requested circuit/channel not available	U, RPN, LN	U, RPN, LN
47	47	Resource unavailable, unspecified	U, RPN	U, RPN

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
55	55	Incoming calls barred within CUG	RLN	RLN, LN
57	57	Bearer capability not authorized	RPN, RLN	RPN, RLN, LN
58	58	Bearer capability not presently available	RPN, RLN	RPN, RLN, LN
63	63	Service or option not available, unspecified	RPN, RLN, LN	RPN, RLN, LN
65	65	Bearer capability not implemented	RPN, RLN, LN, TN, INTL	RPN, RLN, LN, TN, INTL
69	69	Requested facility not implemented	U, RPN, RLN, LN	U, RPN, RLN; LN
70	70	Only restricted digital information bearer capability is available	U, RPN, RLN	U, RPN, RLN
87	87	User not member of CUG	RLN	RLN
88	88	Incompatible destination	U, RPN, LN	U, RPN, LN
90	90	Non-existent CUG	U, RPN, RLN, LN	U, RPN, RLN, LN
91	91	Invalid transit network selection	TN	TN
95	95	Invalid message, unspecified	U, RPN, LN	U, RPN, LN
97	97	Message type non-existent or not implemented	U, RPN, LN	U, RPN, LN
99	99	Information element/parameter non-existent or not implemented	U, RPN, LN	U, RPN, LN
111	110	Message with unrecognized parameter, discarded	RLN, TN, INTL	RLN, TN, INTL
111	111	Protocol error, unspecified	RLN	RLN

Table A.2: DSS1/ISUP Receipt of the Release message (State 4)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
19	19	No answer from user (user alerted)	RLN, LN, TN, INTL	RLN, TN, TN, INTL
27	27	Destination out of order	RLN	RLN
31	31	Normal, unspecified	RLN, TN, INTL	RLN, TN, INTL
38	38	Network out of order	RPN	RPN
41	41	Temporary failure	U, RPN, RLN, LN	U, RPN, RLN, LN
42	42	Switching congestion	TN, RLN	TN, RLN
47	47	Resource unavailable, unspecified	U, RPN	U, RPN
102	102	Recovery on timer expiry	RLN	RLN,
111	111	Protocol error, unspecified	RLN, TN, INTL	RLN, TN, INTL

Table A.3: DSS1/ISUP Receipt of the Release message (State 10)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
16	16	Normal call clearing	U, RPN	U, RPN
27	27	Destination out of order	RLN	RLN
31	31	Normal, unspecified	RLN, TN, INTL	RLN, TN, INTL
38	38	Network out of order	U, RPN	U, RPN
41	41	Temporary failure	U, RPN, RLN, LN	U, RPN, RLN, LN
42	42	Switching equipment congestion	RPN, RLN, LN, TN, INTL	RPN, RLN, LN, TN, INTL
47	47	Resource unavailable, unspecified	U, RPN	U, RPN
111	111	Protocol error, unspecified	RLN, TN, INTL	RLN, TN, INTL

Table A.4: DSS1/ISUP - Sending of the Release message (State 2)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
no	31 or 111		---	RLN, LN
1	31	Unallocated (unassigned) number	any	RLN, LN,
2	31	No route to specified transit network	any	RLN, LN
3	31	No route to destination	any	RLN, LN
4	31	Send special information tone	any	RLN, LN
5	31	Misdialled trunk prefix	any	RLN, LN
6	31	Channel unacceptable	any	RLN, LN
7	31	Call awarded and being delivered in an established channel	any	RLN, LN
8	31	Preemption	any	RLN, LN
9	31	Preemption – circuit reserved for reuse	any	RLN, LN
16	16	Normal call clearing	U, RPN	U, RPN
17	31	User busy	any	RLN, LN
18	31	No user responding	any	RLN, LN
19	31	No answer from user (user alerted)	any	RLN, LN
20	31	Subscriber absent	any	RLN, LN
21	31	Call rejected	any	RLN, LN
22	31	Number changed	any	RLN, LN
26	31	Non-selected user clearing	any	RLN, LN
27	31	Destination out of order	any	RLN, LN
28	31	Invalid number format (address incomplete)	any	RLN, LN
29	29	Facility rejected	any	RLN, LN
30	31	Response to STATUS ENQUIRY	any	RLN, LN
31	31	Normal, unspecified	U, RPN	U, RPN
34	31	No circuit/channel available	any	RLN, LN
38	38	Network out of order	RPN	RPN
39	31	Permanent frame mode connection out of service	any	RLN, LN
40	31	Permanent frame mode connection operational	any	RLN, LN
41	41	Temporary failure	RPN	RPN
42	31	Switching equipment congestion	any	RLN, LN
43	31	Access information discarded	any	RLN, LN
44	31	Requested circuit/channel not available	any	RLN, LN
46	31	Precedence call blocked	any	RLN, LN
47	31	Resource unavailable, unspecified	any	RLN, LN
49	31	Quality of service unavailable	any	RLN, LN
50	31	Requested facility not subscribed	any	RLN, LN
53	31	Outgoing calls barred within CUG	any	RLN, LN
55	31	Incoming calls barred within CUG	any	RLN, LN
57	31	Bearer capability not authorized	any	RLN, LN
58	31	Bearer capability not presently available	any	RLN, LN
62	31	Inconsistency in designated outgoing access information and subscriber class	any	RLN, LN

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
63	31	Service or option not available, unspecified	any	RLN, LN
65	31	Bearer capability not implemented	any	RLN, LN
66	31	Channel type not implemented	any	RLN, LN
69	31	Requested facility not implemented	any	RLN, LN
70	31	Only restricted digital information bearer capability is available	any	RLN, LN
79	31	Service or option not implemented, unspecified	any	RLN, LN
81	95	Invalid call reference value	any	RLN, LN
82	31	Identified channel does not exist	any	RLN, LN
83	31	A suspended call exists, but this call identity does not	any	RLN, LN
84	31	Call identity in use	any	RLN, LN
85	31	No call suspended	any	RLN, LN
86	31	Call having the requested call identity has been cleared	any	RLN, LN
87	31	User not member of CUG	any	RLN, LN
88	31	Incompatible destination	any	RLN, LN
90	31	Non-existent CUG	any	RLN, LN
91	31	Invalid transit network selection	any	RLN, LN
95	95	Invalid message, unspecified	any	RLN, LN
96	31	Mandatory information element is missing	any	RLN, LN
97	31	Message type non-existent or not implemented	any	RLN, LN
98	31	Message not compatible with call state or message type non-existent or not implemented	any	RLN, LN
99	31	Information element/parameter non-existent or not implemented	any	RLN, LN
100	111	Invalid information element contents	any	RLN, LN
101	111	Message not compatible with call state	any	RLN, LN
102	102	Recovery on timer expiry	U, RPN	U; RPN
103	31	Parameter non-existent or not implemented, passed on	any	RLN, LN
110	31	Message with unrecognized parameter, discarded	any	RLN, LN
111	111	Protocol error, unspecified	U, RPN	U; RPN
127	31	Interworking, unspecified	any	RLN, LN

Table A.5: DSS1/ISUP - Sending of the Release message (State 3)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
no	31 or 111			RLN, LN
1	31	Unallocated (unassigned) number	any	RLN, LN
2	31	No route to specified transit network	any	RLN, LN
3	31	No route to destination	any	RLN, LN
4	31	Send special information tone	any	RLN, LN
5	31	Misdialled trunk prefix	any	RLN, LN
6	31	Channel unacceptable	any	RLN, LN
7	31	Call awarded and being delivered in an established channel	any	RLN, LN
8	31	Preemption	any	RLN, LN
9	31	Preemption – circuit reserved for reuse	any	RLN, LN
16	16	Normal call clearing	U, RPN	U, RPN, RLN
17	31	User busy	any	RLN, LN
18	31	No user responding	any	RLN, LN
19	31	No answer from user (user alerted)	any	RLN, LN
20	31	Subscriber absent	any	RLN, LN
21	31	Call rejected	any	RLN, LN
22	31	Number changed	any	RLN, LN
26	31	Non-selected user clearing	any	RLN, LN
27	31	Destination out of order	any	RLN, LN
28	31	Invalid number format (address incomplete)	any	RLN, LN
29	31	Facility rejected	any	RLN, LN
30	31	Response to STATUS ENQUIRY	any	RLN, LN
31	31	Normal, unspecified	U, RPN	U, RPN
34	31	No circuit/channel available	any	RLN, LN
38	38	Network out of order	U, RPN	U, RPN
39	31	Permanent frame mode connection out of service	any	RLN, LN
40	31	Permanent frame mode connection operational	any	RLN, LN
41	41	Temporary failure	U, RPN	U, RPN
42	42	Switching equipment congestion	U, RPN	U, RPN
43	31	Access information discarded	any	RLN, LN
44	31	Requested circuit/channel not available	any	RLN, LN
46	31	Precedence call blocked	any	RLN, LN
47	31	Resource unavailable, unspecified	any	RLN, LN
49	31	Quality of service unavailable	any	RLN, LN
50	31	Requested facility not subscribed	any	RLN, LN
53	31	Outgoing calls barred within CUG	any	RLN, LN
55	31	Incoming calls barred within CUG	any	RLN, LN
57	31	Bearer capability not authorized	any	RLN, LN
58	31	Bearer capability not presently available	any	RLN, LN

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
62	31	Inconsistency in designated outgoing access information and subscriber class	any	RLN
63	31	Service or option not available, unspecified	any	RLN, LN
65	31	Bearer capability not implemented	any	RLN, LN
66	31	Channel type not implemented	any	RLN, LN
69	31	Requested facility not implemented	any	RLN, LN
70	31	Only restricted digital information bearer capability is available	any	RLN, LN
79	31	Service or option not implemented, unspecified	any	RLN, LN
81	31	Invalid call reference value	any	RLN, LN
82	31	Identified channel does not exist	any	RLN, LN
83	31	A suspended call exists, but this call identity does not	any	RLN, LN
84	31	Call identity in use	any	RLN, LN
85	31	No call suspended	any	RLN, LN
86	31	Call having the requested call identity has been cleared	any	RLN, LN
87	31	User not member of CUG	any	RLN, LN
88	31	Incompatible destination	any	RLN, LN
90	31	Non-existent CUG	any	RLN, LN
91	31	Invalid transit network selection	any	RLN, LN
95	95	Invalid message, unspecified	U, RPN	U, RPN
96	111	Mandatory information element is missing	U, RPN	RLN, LN
97	97	Message type non-existent or not implemented	U, RPN	U, RPN
98	111	Message not compatible with call state or message type non-existent or not implemented	any	RLN, LN
99	31	Information element/parameter non-existent or not implemented	any	RLN, LN
100	111	Invalid information element contents	any	RLN, LN
101	111	Message not compatible with call state	any	RLN, LN
102	102	Recovery on timer expiry	U, RPN	U, RPN
103	31	Parameter non-existent or not implemented, passed on	any	RLN, LN
110	31	Message with unrecognized parameter, discarded	any	RLN, LN
111	31	Protocol error, unspecified	U, RPN	U; RPN
127	31	Interworking, unspecified	any	RLN, LN

Table A.6: DSS1/ISUP - Sending of the Release message (State 4)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
no	31 or 111		---	RLN, LN
1	31	Unallocated (unassigned) number	any	RLN, LN
2	31	No route to specified transit network	any	RLN, LN
3	31	No route to destination	any	RLN, LN
4	31	Send special information tone	any	RLN, LN
5	31	Misdialled trunk prefix	any	RLN, LN
6	31	Channel unacceptable	any	RLN, LN
7	31	Call awarded and being delivered in an established channel	any	RLN, LN
8	31	Preemption	any	RLN, LN
9	31	Preemption – circuit reserved for reuse	any	RLN, LN
16	16	Normal call clearing	U, RPN	U, RPN
17	31	User busy	any	RLN, LN
18	31	No user responding	any	RLN, LN
19	31	No answer from user (user alerted)	any	RLN, LN
20	31	Subscriber absent	any	RLN, LN
21	31	Call rejected	any	RLN, LN
22	31	Number changed	any	RLN, LN
26	31	Non-selected user clearing	any	RLN, LN
27	31	Destination out of order	any	RLN, LN
28	31	Invalid number format (address incomplete)	any	RLN, LN
29	31	Facility rejected	any	RLN, LN
30	31	Response to STATUS ENQUIRY	any	RLN, LN
31	31	Normal, unspecified	U, RPN	U, LPN, RPN
34	31	No circuit/channel available	any	RLN
38	38	Network out of order	U, RPN	U, RPN
39	31	Permanent frame mode connection out of service	any	RLN, LN
40	31	Permanent frame mode connection operational	any	RLN, LN
41	41	Temporary failure	U, RPN,	U, RPN
42	42	Switching equipment congestion	RPN	RLN, LN
43	31	Access information discarded	any	RLN, LN
44	31	Requested circuit/channel not available	any	RLN, LN
46	31	Precedence call blocked	any	RLN, LN
47	31	Resource unavailable, unspecified	any	RLN, LN
49	31	Quality of service unavailable	any	RLN, LN
50	31	Requested facility not subscribed	any	RLN, LN
53	31	Outgoing calls barred within CUG	any	RLN, LN
55	31	Incoming calls barred within CUG	any	RLN, LN
57	31	Bearer capability not authorized	any	RLN, LN
58	31	Bearer capability not presently available	any	RLN, LN

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
62	31	Inconsistency in designated outgoing access information and subscriber class	any	RLN, LN
63	31	Service or option not available, unspecified	any	RLN, LN
65	31	Bearer capability not implemented	any	RLN, LN
66	31	Channel type not implemented	any	RLN, LN
69	31	Requested facility not implemented	any	RLN, LN
70	31	Only restricted digital information bearer capability is available	any	RLN, LN
79	31	Service or option not implemented, unspecified	any	RLN, LN
81	95	Invalid call reference value	U, RPN	RLN, LN
82	31	Identified channel does not exist	any	RLN, LN
83	31	A suspended call exists, but this call identity does not	any	RLN, LN
84	31	Call identity in use	any	RLN, LN
85	31	No call suspended	any	RLN, LN
86	31	Call having the requested call identity has been cleared	any	RLN, LN
87	31	User not member of CUG	any	RLN, LN
88	31	Incompatible destination	any	RLN, LN
90	31	Non-existent CUG	any	RLN, LN
91	31	Invalid transit network selection	any	RLN, LN
95	95	Invalid message, unspecified	U, RPN	U; RPN
96	111	Mandatory information element is missing	any	RLN, LN
97	31	Message type non-existent or not implemented	any	RLN, LN
98	111	Message not compatible with call state or message type non-existent or not implemented	any	RLN
99	99	Information element/parameter non-existent or not implemented	U, RPN	U; RPN
100	111	Invalid information element contents	U, RPN	RLN, LN
101	111	Message not compatible with call state	U, RPN	RLN, LN
102	102	Recovery on timer expiry	U, RPN	U, RPN
103	31	Parameter non-existent or not implemented, passed on	any	RLN, LN
110	31	Message with unrecognized parameter, discarded	any	RLN, LN
111	111	Protocol error, unspecified	U, RPN	U, RPN
127	31	Interworking, unspecified	any	RLN, LN

Table A.7: ISUP/DSS1 - Receipt of the Release message (States 6, 25, 7, 9, 10)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
16	16	Normal call clearing	U, RPN	U, RPN,
30	31	Response to STATUS ENQUIRY		RLN, LN
31	31	Normal, unspecified	U, RPN	U,RPN
38	38	Network out of order	U, LPN, RPN	U, LPN, RPN
41	41	Temporary failure	U, LPN, RPN	U, LPN, RPN
95	95	Invalid message, unspecified	RLN, LN	RLN, LN
102	102	Recovery on timer expiry	U, RPN	U, RPN
111	111	Protocol error, unspecified	RLN, LN	RLN, LN

Table A.8: ISUP/DSS1 - Sending of the Release message (State 6)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
no	31 or 111		---	RLN, LN
1	1	Unallocated (unassigned) number	RPN	RPN
2	31	No route to specified transit network	any	RLN, LN
3	3	No route to destination	RPN	RPN
4	31	Send special information tone	any	RLN, LN
5	31	Misdialled trunk prefix	any	RLN, LN
6	???	Channel unacceptable	U, RPN	
7	31	Call awarded and being delivered in an established channel	any	RLN, LN
8	31	Preemption	any	RLN, LN
9	31	Preemption – circuit reserved for reuse	any	RLN, LN
16	31	Normal call clearing	any	RLN, LN
17	17	User busy	U, RPN	U, RPN
18	18	No user responding	RPN	RPN, LN
19	31	No answer from user (user alerted)	any	RLN, LN
20	31	Subscriber absent	any	RPN
21	21	Call rejected	U, RPN	LPN, RPN
22	22	Number changed	RPN	RPN, LN
26	31	Non-selected user clearing	any	RLN, LN
27	27	Destination out of order	RPN	RPN
28	28	Invalid number format (address incomplete)	U, RPN	U, RPN
29	29	Facility rejected	U, LPN, RPN	U, LPN, RPN
30	31	Response to STATUS ENQUIRY	U, RPN	RLN, LN
31	31	Normal, unspecified	U, RPN	U, RPN
34	34	No circuit/channel available	U, LPN, RPN	U, LPN, RPN
38	38	Network out of order	RPN	RPN
39	31	Permanent frame mode connection out of service	any	RLN, LN
40	31	Permanent frame mode connection operational	any	RLN, LN
41	41	Temporary failure	RPN	RPN
42	42	Switching equipment congestion	RPN	RPN
43	43	Access information discarded	U, RPN	U, RPN

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
44	44	Requested circuit/channel not available	U, RPN	U, RPN
46	31	Precedence call blocked	any	RLN
47	47	Resource unavailable, unspecified	U, RPN	U, RPN
49	31	Quality of service unavailable	any	RLN, LN
50	31	Requested facility not subscribed	any	RLN, LN
53	31	Outgoing calls barred within CUG	any	RLN, LN
55	31	Incoming calls barred within CUG	any	RLN, LN
57	57	Bearer capability not authorized	RPN	RPN, LN
58	58	Bearer capability not presently available	RPN	RPN, LN
62	31	Inconsistency in designated outgoing access information and subscriber class	any	RLN
63	63	Service or option not available, unspecified	RPN	RPN
65	65	Bearer capability not implemented	RPN	RPN
66	31	Channel type not implemented	any	RLN, LN
69	31	Requested facility not implemented	U, RPN	U, RPN
70	70	Only restricted digital information bearer capability is available	U, RPN	U, RPN
79	79	Service or option not implemented, unspecified	U, RPN	U, RPN
81	95	Invalid call reference value	U, RPN	RLN, LN
82	95	Identified channel does not exist	U, RPN	RLN, LN
83	31	A suspended call exists, but this call identity does not	any	RLN, LN
84	95	Call identity in use	any	RLN, LN
85	31	No call suspended	any	RLN, LN
86	31	Call having the requested call identity has been cleared	any	RLN, LN
87	31	User not member of CUG	any	RLN, LN
88	88	Incompatible destination	U, RPN	U, RPN
90	31	Non-existent CUG	any	RLN, LN
91	31	Invalid transit network selection	any	RLN, LN
95	95	Invalid message, unspecified	U, RPN	U, RPN
96	111	Mandatory information element is missing	U, RPN	RLN, LN
97	31	Message type non-existent or not implemented	U, RPN	U, RPN
98	111	Message not compatible with call state or message type non-existent or not implemented	U, RPN	RLN, LN
99	99	Information element/parameter non-existent or not implemented	U, RPN	U, RPN
100	111	Invalid information element contents	U, RPN	RLN, LN
101	111	Message not compatible with call state	U, RPN	RLN, LN
102	31	Recovery on timer expiry	U, LPN, RPN	U, LPN, RPN
103	31	Parameter non-existent or not implemented, passed on	any	RLN, LN
110	31	Message with unrecognized parameter, discarded	any	RLN, LN
111	111	Protocol error, unspecified	U, RPN	U, RPN
127	31	Interworking, unspecified	any	RLN, LN

Table A.9: ISUP/DSS1 - Sending of the Release message (State 25)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
no	31 or 111		---	
1	1	Unallocated (unassigned) number	RPN	RPN
2	31	No route to specified transit network	any	RLN, LN
3	31	No route to destination	any	RLN, LN
4	31	Send special information tone	any	RLN, LN
5	31	Misdialled trunk prefix	any	RLN, LN
6	31	Channel unacceptable	any	RLN, LN
7	31	Call awarded and being delivered in an established channel	any	RLN, LN
8	31	Preemption	any	RLN, LN
9	31	Preemption – circuit reserved for reuse	any	RLN, LN
16	31	Normal call clearing	any	RLN, LN
17	17	User busy	RPN	RLN, LN
18	18	No user responding	RPN	RPN, LN
19	31	No answer from user (user alerted)	any	RLN, LN
20	31	Subscriber absent	any	RLN, LN
21	21	Call rejected	U, RPN	U, RPN
22	31	Number changed		RLN, LN
26	31	Non-selected user clearing		RLN, LN
27	27	Destination out of order	RPN	RPN, LN
28	28	Invalid number format (address incomplete)	any	RLN, LN
29	29	Facility rejected	U, RPN	U, RPN
30	111	Response to STATUS ENQUIRY	U, RPN	RLN, LN
31	31	Normal, unspecified	U, RPN	U, RPN
34	31	No circuit/channel available	U	RLN, LN
38	38	Network out of order	RPN	RPN
39	31	Permanent frame mode connection out of service	any	RLN, LN
40	31	Permanent frame mode connection operational	any	RLN, LN
41	41	Temporary failure	RPN	RPN
42	42	Switching equipment congestion	RPN	RPN
43	31	Access information discarded	any	RLN, LN

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
44	31	Requested circuit/channel not available	U, RPN	U, RPN
46	31	Precedence call blocked	any	RLN, LN
47	31	Resource unavailable, unspecified	any	RLN, LN
49	31	Quality of service unavailable	any	RLN, LN
50	31	Requested facility not subscribed	any	RLN, LN
53	31	Outgoing calls barred within CUG	any	RLN, LN
55	31	Incoming calls barred within CUG	any	RLN, LN
57	31	Bearer capability not authorized	any	RLN, LN
58	31	Bearer capability not presently available	any	RLN, LN
62	31	Inconsistency in designated outgoing access information and subscriber class	any	RLN, LN
63	31	Service or option not available, unspecified	any	RLN, LN
65	65	Bearer capability not implemented	U, RPN	U, RPN
66	31	Channel type not implemented	any	RLN, LN
69	31	Requested facility not implemented	U, RPN	U, RPN
70	31	Only restricted digital information bearer capability is available	any	RLN, LN
79	31	Service or option not implemented, unspecified	any	RLN, LN
81	31	Invalid call reference value	any	RLN, LN
82	95	Identified channel does not exist	U, RPN	RLN, LN
83	31	A suspended call exists, but this call identity does not	any	RLN, LN
84	31	Call identity in use	any	RLN, LN
85	31	No call suspended	any	RLN, LN
86	31	Call having the requested call identity has been cleared	any	RLN, LN
87	31	User not member of CUG	any	RLN, LN
88	31	Incompatible destination	any	RLN, LN
90	31	Non-existent CUG	any	RLN, LN
91	31	Invalid transit network selection	any	RLN, LN
95	95	Invalid message, unspecified	U, RPN	U, RPN
96	31	Mandatory information element is missing	any	RLN, LN
97	31	Message type non-existent or not implemented	any	RLN, LN
98	111	Message not compatible with call state or message type non-existent or not implemented	U, RPN	RLN, LN
99	31	Information element/parameter non-existent or not implemented	U, RPN	U, RPN
100	111	Invalid information element contents	U, RPN	RLN, LN
101	111	Message not compatible with call state	U, RPN	RLN, LN
102	102	Recovery on timer expiry	U, RPN	U, RPN
103	31	Parameter non-existent or not implemented, passed on	any	RLN, LN
110	31	Message with unrecognized parameter, discarded	any	RLN, LN
111	111	Protocol error, unspecified	U, RPN	U, RPN
127	31	Interworking, unspecified	any	RLN, LN

Table A.10: ISUP/DSS1 - Sending of the Release message (State 7)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
no	31 or 111		---	
1	31	Unallocated (unassigned) number	any	RLN, LN
2	31	No route to specified transit network	any	RLN, LN
3	31	No route to destination	any	RLN, LN
4	31	Send special information tone	any	RLN, LN
5	31	Misdialled trunk prefix	any	RLN, LN
6	31	Channel unacceptable	any	RLN, LN
7	31	Call awarded and being delivered in an established channel	any	RLN, LN
8	31	Preemption	any	RLN, LN
9	31	Preemption – circuit reserved for reuse	any	RLN, LN
16	31	Normal call clearing	any	RLN, LN
17	31	User busy	any	RLN, LN
18	31	No user responding	any	RLN, LN
19	31	No answer from user (user alerted)	any	RLN, LN
20	20	Subscriber absent	RPN	RPN
21	21	Call rejected	U, RPN	U, RPN
22	31	Number changed	any	RLN, LN
26	31	Non-selected user clearing	any	RLN, LN
27	27	Destination out of order	RPN	RPN
28	31	Invalid number format (address incomplete)	any	RLN, LN
29	31	Facility rejected	any	RLN, LN
30	31	Response to STATUS ENQUIRY	any	RLN, LN, LN
31	31	Normal, unspecified	U, LPN, RPN	U, LPN, RPN
34	31	No circuit/channel available	any	RLN, LN
38	38	Network out of order	RPN	RPN
39	31	Permanent frame mode connection out of service	any	RLN, LN
40	31	Permanent frame mode connection operational	any	RLN, LN
41	41	Temporary failure	RPN	RPN
42	42	Switching equipment congestion	RPN	RPN
43	31	Access information discarded	any	RLN, LN

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
44	31	Requested circuit/channel not available	U, RPN	U, RPN
46	31	Precedence call blocked	any	RLN, LN
47	31	Resource unavailable, unspecified	U, RPN	U, RPN
49	31	Quality of service unavailable	any	RLN, LN
50	31	Requested facility not subscribed	any	RLN, LN
53	31	Outgoing calls barred within CUG	any	RLN, LN
55	31	Incoming calls barred within CUG	any	RLN, LN
57	31	Bearer capability not authorized	any	RLN, LN
58	31	Bearer capability not presently available	any	RLN, LN
62	31	Inconsistency in designated outgoing access information and subscriber class	any	RLN, LN
63	31	Service or option not available, unspecified	any	RLN, LN
65	31	Bearer capability not implemented	any	RLN, LN
66	31	Channel type not implemented	any	RLN, LN
69	31	Requested facility not implemented	any	RLN, LN
70	31	Only restricted digital information bearer capability is available	any	RLN, LN
79	31	Service or option not implemented, unspecified	any	RLN, LN
81	31	Invalid call reference value	any	RLN, LN
82	31	Identified channel does not exist	any	RLN, LN
83	31	A suspended call exists, but this call identity does not	any	RLN
84	31	Call identity in use	any	RLN, LN
85	31	No call suspended	any	RLN, LN
86	31	Call having the requested call identity has been cleared	any	RLN, LN
87	31	User not member of CUG	any	RLN, LN
88	31	Incompatible destination	any	RLN, LN
90	31	Non-existent CUG	any	RLN, LN
91	31	Invalid transit network selection	any	RLN, LN
95	31	Invalid message, unspecified	any	RLN, LN
96	111	Mandatory information element is missing	U, RPN	RPN
97	31	Message type non-existent or not implemented	any	RLN, LN
98	31	Message not compatible with call state or message type non-existent or not implemented	any	RLN, LN
99	31	Information element/parameter non-existent or not implemented	any	RLN, LN
100	111	Invalid information element contents	U, RPN	RLN, LN
101	31	Message not compatible with call state	any	RLN, LN
102	102	Recovery on timer expiry	U, RPN	U, RPN
103	31	Parameter non-existent or not implemented, passed on	any	RLN, LN
110	31	Message with unrecognized parameter, discarded	any	RLN, LN
111	111	Protocol error, unspecified	U, RPN	U, RPN
127	31	Interworking, unspecified	any	RLN, LN

Table A.11: ISUP/DSS1 - Sending of the Release message (State 9)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
no	31 or 111			
1	31	Unallocated (unassigned) number	any	RLN, LN
2	31	No route to specified transit network	any	RLN, LN
3	31	No route to destination	any	RLN, LN
4	31	Send special information tone	any	RLN, LN
5	31	Misdialled trunk prefix	any	RLN, LN
6	31	Channel unacceptable	any	RLN, LN
7	31	Call awarded and being delivered in an established channel	any	RLN, LN
8	31	Preemption	any	RLN, LN
9	31	Preemption – circuit reserved for reuse	any	RLN, LN
16	31	Normal call clearing	any	
17	17	User busy	U, RPN	U, RPN
18	18	No user responding	any	RLN, LN
19	31	No answer from user (user alerted)	any	RLN, LN
20	31	Subscriber absent	any	RLN, LN
21	21	Call rejected	U, RPN	U, RPN
22	22	Number changed	any	RLN, LN
26	31	Non-selected user clearing	any	RLN, LN
27	27	Destination out of order	RPN	RPN
28	28	Invalid number format (address incomplete)	any	RLN, LN
29	29	Facility rejected	U, RPN	U, RPN
30	31	Response to STATUS ENQUIRY	U, RPN	RLN, LN
31	31	Normal, unspecified	U, RPN	U,RPN
34	31	No circuit/channel available	any	RLN, LN
38	38	Network out of order	RPN	RPN
39	31	Permanent frame mode connection out of service	any	RLN, LN
40	31	Permanent frame mode connection operational	any	RLN, LN
41	41	Temporary failure	RPN	RPN
42	31	Switching equipment congestion	any	RLN, LN
43	31	Access information discarded	any	RLN, LN

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
44	31	Requested circuit/channel not available	any	U, LPN, RPN
46	31	Precedence call blocked	any	RLN, LN
47	31	Resource unavailable, unspecified	U, RPN	U, RPN
49	31	Quality of service unavailable	any	RLN, LN
50	31	Requested facility not subscribed	any	RLN, LN
53	31	Outgoing calls barred within CUG	any	RLN, LN
55	31	Incoming calls barred within CUG	any	RLN, LN
57	31	Bearer capability not authorized	any	RLN, LN
58	31	Bearer capability not presently available	any	RLN, LN
62	31	Inconsistency in designated outgoing access information and subscriber class	any	RLN, LN
63	63	Service or option not available, unspecified	any	RLN, LN
65	31	Bearer capability not implemented	any	RLN, LN
66	31	Channel type not implemented	any	RLN, LN
69	31	Requested facility not implemented	any	RLN, LN
70	31	Only restricted digital information bearer capability is available	any	RLN, LN
79	31	Service or option not implemented, unspecified	any	RLN, LN
81	31	Invalid call reference value	any	RLN, LN
82	31	Identified channel does not exist	any	RLN, LN
83	31	A suspended call exists, but this call identity does not	any	RLN, LN
84	31	Call identity in use	any	RLN, LN
85	31	No call suspended	any	RLN, LN
86	31	Call having the requested call identity has been cleared	any	RLN, LN
87	31	User not member of CUG	any	RLN, LN
88	88	Incompatible destination	U	U
90	31	Non-existent CUG	any	RLN, LN
91	31	Invalid transit network selection	any	RLN, LN
95	95	Invalid message, unspecified	any	RLN, LN
96	111	Mandatory information element is missing	U, RPN	U, RPN
97	31	Message type non-existent or not implemented	any	RLN, LN
98	111	Message not compatible with call state or message type non-existent or not implemented	any	RLN, LN
99	31	Information element/parameter non-existent or not implemented	any	RLN, LN
100	111	Invalid information element contents	any	RLN, LN
101	111	Message not compatible with call state	U, RPN	RLN, LN
102	31	Recovery on timer expiry	any	RLN, LN
103	31	Parameter non-existent or not implemented, passed on	any	RLN, LN
110	31	Message with unrecognized parameter, discarded	any	RLN, LN
111	111	Protocol error, unspecified	U, RPN	U, RPN
127	31	Interworking, unspecified	any	RLN, LN

Table A.12: ISUP/DSS1 - Sending of the Release message (State 10)

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
no	31 or 111		---	RLN, LN
1	31	Unallocated (unassigned) number	any	RLN, LN
2	31	No route to specified transit network	any	RLN, LN
3	31	No route to destination	any	RLN, LN
4	31	Send special information tone	any	RLN, LN
5	31	Misdialled trunk prefix	any	RLN, LN
6	31	Channel unacceptable	any	RLN, LN
7	31	Call awarded and being delivered in an established channel	any	RLN, LN
8	31	Preemption	any	RLN, LN
9	31	Preemption – circuit reserved for reuse	any	RLN, LN
16	16	Normal call clearing	U, RPN	U, RPN
17	31	User busy	any	RLN, LN
18	31	No user responding	any	RLN, LN
19	31	No answer from user (user alerted)	U, RPN	U, RPN
20	31	Subscriber absent	any	LPN, RPN
21	31	Call rejected	any	RLN, LN
22	31	Number changed	any	RLN, LN
26	31	Non-selected user clearing	any	RLN, LN
27	27	Destination out of order	RPN	RPN
28	31	Invalid number format (address incomplete)	any	RLN, LN
29	31	Facility rejected	any	RLN, LN
30	31	Response to STATUS ENQUIRY	U, RPN	RLN, LN, LN
31	31	Normal, unspecified	U, RPN	U, RPN
34	31	No circuit/channel available	any	RLN, LN
38	38	Network out of order	RPN	RPN
39	31	Permanent frame mode connection out of service	any	RLN, LN
40	31	Permanent frame mode connection operational	any	RLN, LN

Cause		Definition	Location	
DSS1	ISUP		DSS1	ISUP
41	41	Temporary failure	RPN	RPN
42	42	Switching equipment congestion	RPN	RPN
43	31	Access information discarded	any	RLN, LN
44	31	Requested circuit/channel not available	any	RLN, LN
46	31	Precedence call blocked	any	RLN, LN
47	31	Resource unavailable, unspecified	any	RLN, LN
49	31	Quality of service unavailable	any	RLN, LN
50	31	Requested facility not subscribed	any	RLN, LN
53	31	Outgoing calls barred within CUG	any	RLN, LN
55	31	Incoming calls barred within CUG	any	RLN, LN
57	31	Bearer capability not authorized	any	RLN, LN
58	31	Bearer capability not presently available	any	RLN, LN
62	31	Inconsistency in designated outgoing access information and subscriber class	any	RLN, LN
63	31	Service or option not available, unspecified	any	RLN, LN
65	31	Bearer capability not implemented	any	RLN, LN
66	31	Channel type not implemented	any	RLN, LN
69	31	Requested facility not implemented	any	RLN, LN
70	31	Only restricted digital information bearer capability is available	any	RLN, LN
79	31	Service or option not implemented, unspecified	any	RLN, LN
81	31	Invalid call reference value	any	RLN, LN
82	31	Identified channel does not exist	any	RLN, LN
83	31	A suspended call exists, but this call identity does not	any	RLN, LN
84	31	Call identity in use	any	RLN, LN
85	31	No call suspended	any	RLN, LN
86	31	Call having the requested call identity has been cleared	any	RLN, LN
87	31	User not member of CUG	any	RLN, LN
88	31	Incompatible destination	any	RLN, LN
90	31	Non-existent CUG	any	RLN, LN
91	31	Invalid transit network selection	any	RLN, LN
95	95	Invalid message, unspecified	any	RLN, LN
96	111	Mandatory information element is missing	any	RLN, LN
97	31	Message type non-existent or not implemented	any	RLN, LN
98	111	Message not compatible with call state or message type non-existent or not implemented	any	RLN, LN
99	31	Information element/parameter non-existent or not implemented	any	RLN, LN
100	111	Invalid information element contents	any	RLN, LN
101	111	Message not compatible with call state	any	RLN, LN
102	31	Recovery on timer expiry	any	RLN, LN
103	31	Parameter non-existent or not implemented, passed on	any	RLN, LN
110	31	Message with unrecognized parameter, discarded	any	RLN, LN
111	111	Protocol error, unspecified	U, RPN	U, RPN
127	31	Interworking, unspecified	any	RLN, LN

Annex B (informative): Bibliography

ISO/IEC 9646-2 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract Test Suite specification".

ISO/IEC 9646-5 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 5: Requirements on test laboratories and clients for the conformance assessment process".

ITU-T Recommendation F.200: "Teletex service".

ITU-T Recommendation F.220: "Service requirements unique to the processable mode number eleven (PM11) used within the teletex service".

ITU-T Recommendation F.230: "Service requirements unique to the mixed mode (MM) used within the teletex service".

History

Document history				
V1.1.1	February 2001	Public Enquiry	PE 20010608:	2001-02-07 to 2001-06-08
V1.1.1	July 2001	Vote	V 20010921:	2001-07-23 to 2001-09-21