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**Integrated Services Digital Network (ISDN);
Digital Subscriber Signalling System No. one (DSS1) protocol;
Signalling network layer for circuit-mode basic call control;
Part 4: Test Suite Structure and Test Purposes (TSS&TP)
specification for the user**

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Foreword

This draft European Telecommunication Standard (ETS) has been produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI), and is now submitted for the Public Enquiry phase of the ETSI standards approval procedure.

This ETS is part 4 of a multi-part standard covering the Digital Subscriber Signalling System No. one (DSS1) protocol specification for the Integrated Services Digital Network (ISDN) signalling network layer for circuit-mode basic call control, as described below:

- Part 1: "Protocol specification [ITU-T Recommendation Q.931 (1993), modified]";
- Part 2: "Specification and Description Language (SDL) diagrams";
- Part 3: "Protocol Implementation Conformance Statement (PICS) proforma specification";
- Part 4: "Test Suite Structure and Test Purposes (TSS&TP) specification for the user";**
- Part 5: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user";
- Part 6: "TSS&TP specification for the network";
- Part 7: "ATS and partial PIXIT proforma specification for the network".

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

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1 Scope

This fourth part of ETS 300 403 specifies the user Test Suite Structure and Test Purposes (TSS&TP) for the T reference point or coincident S and T reference point (as defined in ITU-T Recommendation I.411 [9]) of implementations conforming to the standards for the signalling network layer for circuit-mode basic call control of the Digital Subscriber Signalling System No. one (DSS1) protocol for the pan-European Integrated Services Digital Network (ISDN), ETS 300 403-1 [1] and ETS 300 403-2 [2].

A further part of this ETS specifies the Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma based on this TSS&TP.

2 Normative references

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

- [1] ETS 300 403-1 (1995): "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]".
- [2] ETS 300 403-2 (1995): "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 2: Specification and Description Language (SDL) diagrams".
- [3] ETS 300 403-3: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 3: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [4] ISO/IEC 9646-1: "Information Technology - OSI Conformance Testing Methodology and Framework; Part 1: General Concepts".
- [5] ISO/IEC 9646-2: "Information Technology - OSI Conformance Testing Methodology and Framework; Part 2: Abstract Test Suite Specification".
- [6] ISO/IEC 9646-3: "Information Technology - OSI Conformance Testing Methodology and Framework; Part 3: The Tree and Tabular Combined Notation".
- [7] CCITT Recommendation E.164 (1991): "Numbering plan for the ISDN era".
- [8] ITU-T Recommendation I.112 (1993): "Vocabulary and terms for ISDNs".
- [9] ITU-T Recommendation I.411 (1993): "ISDN user-network interfaces - Reference configurations".

3 Definitions

For the purposes of this ETS, the following definitions apply, in addition to those given in ETS 300 403-1 [1]:

3.1 Definitions related to conformance testing

abstract test case: Refer to ISO/IEC 9646-1 [4].

Abstract Test Method (ATM): Refer to ISO/IEC 9646-1 [4].

Abstract Test Suite (ATS): Refer to ISO/IEC 9646-1 [4].

active test: A test case where the IUT is required to send a particular message, but not in reaction to a received message. This would usually involve the use of PIXIT information to see how this message can be generated and quite often is specified in an ATS using an implicit send event.

Implementation Under Test (IUT): Refer to ISO/IEC 9646-1 [4].

implicit send event: Refer to ISO/IEC 9646-3 [6].

lower tester: Refer to ISO/IEC 9646-1 [4].

passive test: A test case where the IUT is required to respond to a protocol event (e.g. received message) with another protocol event (sends message) and normally does not require any special operator intervention such as is associated with the implicit send event.

point of control and observation: Refer to ISO/IEC 9646-1 [4].

Protocol Implementation Conformance Statement (PICS): Refer to ISO/IEC 9646-1 [4].

PICS proforma: Refer to ISO/IEC 9646-1 [4].

Protocol Implementation eXtra Information for Testing (PIXIT): Refer to ISO/IEC 9646-1 [4].

PIXIT proforma: Refer to ISO/IEC 9646-1 [4].

system under test: Refer to ISO/IEC 9646-1 [4].

test purpose: Refer to ISO/IEC 9646-1 [4].

3.2 Definitions related to ETS 300 403-1

Integrated Services Digital Network (ISDN): See ITU-T Recommendation I.112 [8], definition 308.

ISDN number: A number conforming to the numbering and structure specified in CCITT Recommendation E.164 [7].

user: The DSS1 protocol entity at the User side of the user-network interface where a T reference point or coincident S and T reference point applies.

user (S/T): The DSS1 protocol entity at the User side of the user-network interface where a coincident S and T reference point applies.

user (T): The DSS1 protocol entity at the User side of the user-network interface where a T reference point applies (User is the private ISDN).

4 Abbreviations

For the purpose of this ETS, the following abbreviations apply:

A	Active test case
ATM	Abstract Test Method
ATS	Abstract Test Suite
CR	Call Reference
DSS1	Digital Subscriber Signalling System No. one
I	Inopportune stimulus
ISDN	Integrated Services Digital Network
IUT	Implementation Under Test
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
R00	Restart Null Call state
R01	Restart Request Call state
R02	Restart Call state
S	Syntactically invalid stimulus
SEG	Message Segmentation Procedure
TP	Test Purpose
TSS	Test Suite Structure
U00	Null Call state
U01	Call Initiated Call state
U02	Overlap Sending Call state
U03	Outgoing Call Proceeding Call state
U04	Call Delivered Call state
U06	Call Present Call state
U07	Call Received Call state
U08	Connect Request Call state
U09	Incoming Call Proceeding Call state
U10	Active Call state
U11	Disconnect Request Call state
U12	Disconnect Indication Call state
U15	Suspend Request Call state
U17	Resume Request Call state
U19	Release Request Call state
U25	Overlap Receiving Call state
V	Valid stimulus

5 Test suite structure

- Null call state U00
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Call Initiated call state U01
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Overlap Sending call state U02
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Outgoing Call Proceeding call state U03
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Call Delivered call state U04
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Call Received call state U07
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Connect Request call state U08
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Incoming Call Proceeding call state U09
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Active call state U10 (Incoming call)
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Active call state U10 (Outgoing call)
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Disconnect Request call state U11 (Incoming call)
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active

Figure 1 (sheet 1 of 2): Test Suite Structure (TSS)

- Disconnect Request call state U11 (Outgoing call)
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Disconnect Indication call state U12 (Incoming call)
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Disconnect Indication call state U12 (Outgoing call)
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Suspend Request call state U15 (Incoming call)
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Suspend Request call state U15 (Outgoing call)
 - Valid
 - Inopportune
 - Syntactically invalid
- Resume Request call state U17
 - Valid
 - Inopportune
 - Syntactically invalid
- Release Request call state U19 (Incoming call)
 - Valid
 - Inopportune
 - Syntactically invalid
- Release Request call state U19 (Outgoing call)
 - Valid
 - Inopportune
 - Syntactically invalid
- Overlap Receiving call state U25
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Restart null call state R00 (Incoming call)
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Restart null call state R00 (Outgoing call)
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active
- Restart Request call state R01
 - Valid
 - Inopportune
 - Syntactically invalid
- Message segmentation procedure
 - Valid
 - Inopportune
 - Syntactically invalid
 - Active

Figure 1 (sheet 2 of 2): Test Suite Structure (TSS)

6 Test purposes

6.1 Introduction

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

6.1.1 TP naming convention

TPs are numbered, starting at 001, within each group. Groups are organized according to the TSS. Additional references are added to identify the actual Test Suite and whether it applies to the network or the user (see table 1).

Table 1: TP Identifier naming convention scheme

Identifier:	<layer iut>_<state>_<group>_<nnn>		
<layer iut>	=	layer + type of IUT:	e.g. "L3U" for layer 3, IUT = user
<state>	=	call state:	e.g. U10 for Active call state.
<group>	=	group:	one character field representing the group reference according to TSS V: Valid stimulus I: Inopportune stimulus S: Syntactically invalid stimulus A: Active test case
<nnn>	=	sequential number:	(001-999)

6.1.2 Source of TP definition

The TPs were developed based on ETS 300 403-1 [1] and ETS 300 403-2 [2].

6.1.3 TP structure

Each TP has been written in a manner which is consistent with all other TPs. The intention of this is to make the TPs more readable and checkable. A particular structure has been used which is illustrated in table 2. This table should be read in conjunction with any TP, i.e. please use a TP as an example to facilitate the full comprehension of table 2.

Table 2: Structure of a single TP for the basic call control

TP Part	Text	Example
Header	<Identifier> <i>tab</i> <subclause reference in base ETS> <i>tab</i> <reference to I-ETS 300 322 test case> <i>or new TC</i>	see table 1 subclause 2.3.4 TC10822 (see note 2)
Stimulus	Ensure that the IUT in the <basic call state> <trigger> <i>see below for message structure</i> <i>or</i> <goal>	U00, U10, etc. on receipt of a XXXX message (see note 3) to request a ...
Reaction	<action> <conditions> <i>if the action is sending</i> <i>see below for message structure</i> <next action>, <i>etc.</i> and remains in the same state <i>or</i> and enters state <state>	sends, saves, does, etc. using en bloc sending, etc.
Message structure	<message type> message <i>a)</i> with a <info element> information element <i>b)</i> indicating in the <field name> <coding of the field> and <i>back to a) or b)</i>	SETUP, FACILITY, CONNECT, etc. (see note 3) Bearer capability, Facility, etc.
NOTE 1:	Text in italics will not appear in TPs and text between <> is filled in for each TP and may differ from one TP to the next.	
NOTE 2:	These references to I-ETS 300 322 helped in developing this ETS and are of a purely informative nature.	
NOTE 3:	All messages shall be considered as "valid and compatible" unless otherwise specified in the test purpose.	

6.1.4 Test strategy

As the base standard ETS 300 403-1 [1] contains no explicit requirements for testing, the TPs were generated as a result of an analysis of the base standard and PICS. The criteria applied included the following:

- only the requirements from the point of view of the T or coincident S and T reference point are considered;
- whether or not a test case can be built from the TP is not considered.

6.1.5 Test of call states

Many TPs include a reference to the IUT's final call state after the realization of the TP. In these cases the TP includes the requirement to ensure that the IUT has entered this particular final call state. Ensuring that the IUT is in a particular call state shall be realized by following the procedures described in subclause 5.8.10 of ETS 300 403-1 [1]. According to these procedures, the IUT on receipt of a STATUS ENQUIRY message, shall respond with a STATUS message indicating, in the third octet of the Call state information element, the current call state of the IUT. This exchange of messages is not mentioned explicitly in each TP but is considered to be implicit in the reference to the final call state. This way of phrasing the TPs has been used to avoid over-complicating the text and structure of the TPs and to improve the readability.

6.1.6 Test of inopportune and syntactically invalid behaviour

In the test groups for inopportune and syntactically invalid behaviour the procedures as described in subclause 5.8 of ETS 300 403-1 [1] are tested. This is done in each call state with one message for each of the described error cases. Messages have been chosen that are, if they are received without the inopportune or erroneous coding, expected messages in the call states under test.

Test purposes for inopportune behaviour that is described outside the subclause 5.8 of ETS 300 403-1 [1] are found in the valid test groups. This was done, as these procedures are seen more as a part of the basic call procedures than as a part of the error handling procedures.

6.2 TPs for the basic call control, layer 3, user

All PICS items referred to in this subclause are as specified in ETS 300 403-3 [3] unless indicated otherwise by another numbered reference.

6.2.1 Null call state U00

6.2.1.1 Valid

Selection: IUT supports incoming calls. PICS: MCu 2.

L3U_U00_V_001 subclause 5.2.1, 5.2.4, 5.2.5.1 TC10005

Ensure that the IUT in the Null call state U00, on receipt of a valid SETUP message without the Sending complete information element,

sends any of a SETUP ACKNOWLEDGE, CALL PROCEEDING, ALERTING or CONNECT message and enters the relevant call state Overlap Receiving U25, Incoming Call Proceeding U09, Call Received U07 or Connect Request U08.

Selection: IUT supports overlap receiving. PICS: MCu 2.2.

L3U_U00_V_002 subclause 5.2.1, 5.2.5.1 TC10006

Ensure that the IUT in the Null call state U00, on receipt of a valid SETUP message with the Sending complete information element,

sends any of a CALL PROCEEDING, ALERTING or CONNECT message and enters the relevant call state Incoming Call Proceeding U09, Call Received U07 or Connect Request U08.

L3U_U00_V_003 subclause 5.2.3.1 new TC

Ensure that the IUT in the Null call state U00, on receipt of a valid SETUP message (delivered via the point-to-point data link) with the Channel identification information element indicating a B-channel that is not available and indicating in the preferred/exclusive bit "indicated channel is preferred",

sends any of a SETUP ACKNOWLEDGE, CALL PROCEEDING, ALERTING or CONNECT message with the Channel identification information element indicating a B-channel that is available and indicating in the preferred/exclusive bit "exclusive: only the indicated channel is acceptable" and enters the relevant call state Overlap Receiving U25, Incoming Call Proceeding U09, Call Received U07 or Connect Request U08.

Selection: IUT supports point-to-point configuration. PICS: R 7.1.

L3U_U00_V_004 subclause 5.2.3.1 new TC

Ensure that the IUT in the Null call state U00, on receipt of a valid SETUP message (delivered via the point-to-point data link) with the Channel identification information element indicating a B-channel that is not available and indicating in the preferred/exclusive bit "exclusive: only the indicated channel is acceptable",

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 44 "requested circuit/channel/channel not available" and remains in the Null call state.

Selection: IUT supports point-to-point configuration. PICS: R 7.1.

L3U_U00_V_005 **subclause 5.2.3.1** **new TC**

Ensure that the IUT in the Null call state U00, on receipt of a valid SETUP message (delivered via the point-to-point data link) with the Channel identification information element indicating a B-channel and indicating in the preferred/exclusive bit "indicated channel is preferred", when no B-channel is available, sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 34 "no circuit/channel available" and remains in the Null call state.

Selection: IUT supports point-to-point configuration. PICS: R 7.1.

L3U_U00_V_006 **subclause 5.2.3.1** **new TC**

Ensure that the IUT in the Null call state U00, on receipt of a valid SETUP message (delivered via the point-to-point data link) with the Channel identification information element indicating in the channel selection "any channel", when no B-channel is available,

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 34 "no circuit/channel available" and remains in the Null call state.

Selection: IUT supports point-to-point configuration. PICS: R 7.1.

L3U_U00_V_007 **subclause 5.2.3.2** **new TC**

Ensure that the IUT in the Null call state U00, on receipt of a valid SETUP message (delivered via the broadcast data link) with the Channel identification information element indicating a B-channel that is not available and indicating in the preferred/exclusive bit "exclusive: only the indicated channel is acceptable",

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 44 "requested circuit/channel not available" and remains in the Null call state.

Selection: IUT supports point-to-multipoint configuration. PICS: R 7.2.

L3U_U00_V_008 **annex B** **new TC**

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message without the Sending complete information element and with the Called party number information element containing mismatching number digits,

sends no message and remains in the Null call state U00.

L3U_U00_V_009 **annex B** **new TC**

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message without the Sending complete information element and with the Called subaddress information element containing mismatching subaddress digits,

sends no message and remains in the Null call state U00.

L3U_U00_V_010 **subclause 5.2.5.1** **new TC**

Ensure that the busy IUT in the Null call state U00, on receipt of a SETUP message with the Sending complete information element,

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 17 "user busy" and remains in the Null call state U00.

L3U_U00_V_011 **subclause 5.2.5.1** **new TC**

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with the Sending Complete information element, to refuse the call

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 21 "call rejected" and remains in the Null call state U00.

L3U_U00_V_012 **subclause 5.2.6, annex B** **TC10007**

Ensure that the IUT in the Null call state U00, on receipt of a valid SETUP message without High and Low layer compatibility information elements but with a Progress indicator information element indicating the progress description 1 "call is not end-to-end ISDN",

modifies its compatibility checking and accepts the call on the basis of a compatible Bearer capability information element.

Selection: IUT supports compatibility checking of the higher layers. PICS: SCu 8 AND
IUT supports compatibility checking of the lower layers. PICS: SCu 6.

- L3U_U00_V_013** **subclause 5.2.2, 5.2.5.1, annex B** **TC10008**
Ensure that the IUT in the Null call state U00, on receipt of a SETUP message (delivered via the broadcast data link) containing an incompatible Bearer capability information element,
sends no message or sends a RELEASE COMPLETE message with the Cause information element indicating cause value 88 "incompatible destination" and remains in the Null call state U00.
Selection: IUT supports point-to-multipoint configuration. PICS: R 7.2.
- L3U_U00_V_014** **subclause 5.2.2, 5.2.5.1, annex B** **TC10008**
Ensure that the IUT in the Null call state U00, on receipt of a SETUP message (delivered via the point-to-point data link) containing an incompatible Bearer capability information element,
sends a RELEASE COMPLETE message with the Cause information element indicating cause value 88 "incompatible destination" and remains in the Null call state U00.
Selection: IUT supports point-to-point configuration. PICS: R 7.1.
- L3U_U00_V_015** **subclause 5.2.2, 5.2.5.1, annex B** **TC10009**
Ensure that the IUT in the Null call state U00, on receipt of a SETUP message (delivered via the broadcast data link) containing an incompatible High layer compatibility information element,
sends no message or sends a RELEASE COMPLETE message with the Cause information element indicating cause value 88 "incompatible destination" and remains in the Null call state U00.
Selection: IUT supports point-to-multipoint configuration. PICS: R 7.2 AND
IUT supports compatibility checking of the higher layers. PICS: SCu 8.
- L3U_U00_V_016** **subclause 5.2.2, 5.2.5.1, annex B** **TC10009**
Ensure that the IUT in the Null call state U00, on receipt of a SETUP message (delivered via the point-to-point data link) containing an incompatible High layer compatibility information element,
sends a RELEASE COMPLETE message with the Cause information element indicating cause value 88 "incompatible destination" and remains in the Null call state U00.
Selection: IUT supports point-to-point configuration. PICS: R 7.1 AND
IUT supports compatibility checking of the higher layers. PICS: SCu 8.
- L3U_U00_V_017** **subclause 5.2.2, 5.2.5.1, annex B** **new TC**
Ensure that the IUT in the Null call state U00, on receipt of a SETUP message (delivered via the broadcast data link) containing a Low layer compatibility information element that is incompatible in the part that provides additional information to the information given in the Bearer capability information element,
sends no message or sends a RELEASE COMPLETE message with the Cause information element indicating cause value 88 "incompatible destination" and remains in the Null call state U00.
Selection: IUT supports point-to-multipoint configuration. PICS: R 7.2 AND
IUT supports compatibility checking of the lower layers. PICS: SCu 6.
- L3U_U00_V_018** **subclause 5.2.2, 5.2.5.1, annex B** **new TC**
Ensure that the IUT in the Null call state U00, on receipt of a SETUP message (delivered via the point-to-point data link) containing a Low layer compatibility information element that is incompatible in the part that provides additional information to the information given in the Bearer capability information element,
sends a RELEASE COMPLETE message with the Cause information element indicating cause value 88 "incompatible destination" and remains in the Null call state U00.
Selection: IUT supports point-to-point configuration. PICS: R 7.1 AND
IUT supports compatibility checking of the lower layers. PICS: SCu 6.
- L3U_U00_V_019** **subclause 5.2.2, 5.2.5.1, annex B** **new TC**
Ensure that the IUT in the Null call state U00, on receipt of a SETUP containing a Low layer compatibility information element that is incompatible and that provides no additional information to the information given in the Bearer capability information element,
sends any of a CALL PROCEEDING, ALERTING or CONNECT message and enters the relevant call state Incoming Call Proceeding U09, Call Received U07 or Connect Request U08.
Selection: IUT supports compatibility checking of the lower layers. PICS: SCu 6.

L3U_U00_V_020 subclause 5.11.1 new TC

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with two Bearer capability information elements,

sends any of a CALL PROCEEDING, ALERTING or CONNECT message and enters the relevant call state Incoming Call Proceeding U09, Call Received U07 or Connect Request U08.

Selection: IUT supports processing of incoming Bearer capability selection request.
PICS MCu 21.2

L3U_U00_V_021 subclause 5.12.1 new TC

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with two High layer compatibility information elements,

sends any of a CALL PROCEEDING, ALERTING or CONNECT message and enters the relevant call state Incoming Call Proceeding U09, Call Received U07 or Connect Request U08.

Selection: IUT supports processing of incoming High layer compatibility selection request.
PICS MCu 22.2

6.2.1.2 Inopportune

Selection: IUT supports incoming calls. PICS: MCu 2.

L3U_U00_I_001 subclause 5.8.3.1 TC10020

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message using the dummy call reference,

sends no message and remains in the Null call state U00.

L3U_U00_I_002 subclause 5.8.3.2 a) TC10010

Ensure that the IUT in the Null call state U00, on receipt of an inopportune message (DISCONNECT, call reference not recognized as relating to a call),

sends a RELEASE or a RELEASE COMPLETE message with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00.

L3U_U00_I_003 subclause 5.8.3.2 b) TC10002

Ensure that the IUT in the Null call state U00, on receipt of a RELEASE message,

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Null call state U00.

L3U_U00_I_004 subclause 5.8.3.2 c) TC10001

Ensure that the IUT in the Null call state U00, on receipt of a RELEASE COMPLETE message,

sends no message and remains in the Null call state U00.

L3U_U00_I_005 subclause 5.8.3.2 d) TC10014

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with a call reference flag bit set to 1,

sends no message and remains in the Null call state U00.

L3U_U00_I_006 subclause 5.8.3.2 f) TC10021

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message using the global call reference,

sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Null call state U00.

L3U_U00_I_007 subclause 5.8.3.2 g), 5.8.11 TC10004

Ensure that the IUT in the Null call state U00, on receipt of a STATUS message with a Call state information element indicating a call state other than the Null call state,

sends a RELEASE or a RELEASE COMPLETE message with a Cause information element indicating the cause value 101 "message not compatible with call state" and enters the Release Request call state U19 or remains in the Null call state U00.

L3U_U00_I_008 **subclause 5.8.3.2 g), 5.8.11** **TC10003**

Ensure that the IUT in the Null call state U00, on receipt of a STATUS message with a Call state information element indicating the Null call state,
sends no message and remains in the Null call state U00.

L3U_U00_I_009 **subclause 5.8.3.2 g), 5.8.11** **new TC**

Ensure that the IUT in the Null call state U00, on receipt of a STATUS message using the global call reference and with a Call state information element indicating a call state other than the Null call state,
sends no message and remains in the Null call state U00.

L3U_U00_I_010 **subclause 5.8.3.2 h), 5.8.10** **new TC**

Ensure that the IUT in the Null call state U00, on receipt of a STATUS ENQUIRY message,
sends a STATUS message with a Call state information element indicating the Null call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Null call state U00.

L3U_U00_I_011 **subclause 5.8.5.2** **TC10024**

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with a duplicated Display information element (repetition not permitted),
ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U00_I_012 **subclause 5.8.8** **new TC**

Ensure that the IUT in the Null call state U00, on receipt of a DL-ESTABLISH-INDICATION,
sends no message and remains in the Null call state U00.

6.2.1.3 **Syntactically invalid**

Selection: IUT supports incoming calls. PICS: MCu 2.

L3U_U00_S_001 **subclause 5.8.1** **TC10012**

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with an erroneous protocol discriminator, coded other than '08'H,
sends no message and remains in the Null call state U00.

L3U_U00_S_002 **subclause 5.8.2** **TC10013**

Ensure that the IUT in the Null call state U00, on receipt of a message which is too short,
sends no message and remains in the Null call state U00.

L3U_U00_S_003 **subclause 5.8.3.1** **TC10018**

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with an invalid call reference format (octet 1, bits 8 to 5 ≠ '0000'B),
sends no message and remains in the Null call state U00.

L3U_U00_S_004 **subclause 5.8.3.1** **TC10019**

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Null call state U00.

L3U_U00_S_005 **subclause 5.8.3.2 a)** **TC10016**

Ensure that the IUT in the Null call state U00, on receipt of a message with an unrecognized message type,
sends a RELEASE or a RELEASE COMPLETE message with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00.

L3U_U00_S_006 subclause 5.8.5.1, 5.8.6.1 TC10023

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with a mandatory information element out of sequence,

processes the message as valid or sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Null call state U00.

L3U_U00_S_007 subclause 5.8.5.1 TC10022

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with a non-mandatory information element out of sequence,

processes the message as valid.

L3U_U00_S_008 subclause 5.8.6.1 TC10015

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with a mandatory information element missing,

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Null call state U00.

L3U_U00_S_009 subclause 5.8.6.2 TC10026

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with a mandatory information element content error,

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 100 "invalid information element contents" and remains in the Null call state U00.

L3U_U00_S_010 subclause 5.8.7.1, 5.8.6.1 TC10027

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with an unrecognized information element (encoded comprehension required),

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Null call state U00.

L3U_U00_S_011 subclause 5.8.7.1 TC10028

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with an unrecognized information element (encoded comprehension not required),

processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented".

L3U_U00_S_012 subclause 5.8.7.2 TC10029

Ensure that the IUT in the Null call state U00, on receipt of a SETUP message with a non-mandatory information element content error,

processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.1.4 Active**L3U_U00_A_001 subclause 5.6.4 TC20001**

Ensure that the IUT in the Null call state U00, to re-establish a call, sends a RESUME message without the Call identity information element and enters the Resume Request call state U17.

Selection: IUT supports initiation of call rearrangement. PICS: MCu 6. AND NOT
IUT supports the sending of the Call identify information element in a RESUME message. PICS: MTu15-IE2.

L3U_U00_A_002 subclause 5.6.4 new TC

Ensure that the IUT in the Null call state U00, to re-establish a call, sends a RESUME message with the Call identity information element indicating a Call identity value and enters the Resume Request call state U17.

Selection: IUT supports initiation of call rearrangement. PICS: MCu 6.
IUT supports the sending of the Call identify information element in a RESUME message. PICS: MTu15-IE2.

L3U_U00_A_003 **subclause 5.1.1** **TC20002**

Ensure that the IUT in the Null call state U00, to establish a call,
sends a SETUP message and enters the Call Initiated call state U01.

Selection: IUT supports outgoing calls. PICS: MCu 1.

L3U_U00_A_004 **subclause 5.11.1** **new TC**

Ensure that the IUT in the Null call state U00, to establish a call with bearer capability selection allowed,
sends a SETUP message with two Bearer capability information elements and enters the Call Initiated call state U01.

Selection: IUT supports outgoing calls. PICS: MCu 1 AND
IUT supports initiation of Bearer capability selection. PICS: MCu 21.1.

L3U_U00_A_005 **subclause 5.12.1** **new TC**

Ensure that the IUT in the Null call state U00, to establish a call with high layer compatibility selection allowed,

sends a SETUP message with two High layer compatibility information elements and enters the Call Initiated call state U01.

Selection: IUT supports outgoing calls. PICS: MCu 1 AND
IUT supports initiation of High layer compatibility selection. PICS: MCu 22.1.

6.2.2 **Call Initiated call state U01**

Selection: IUT supports outgoing calls. PICS: MCu 1.

6.2.2.1 **Valid****L3U_U01_V_001** **subclause 5.1.5.1** **TC10101**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message,
sends no message and enters the Outgoing Call Proceeding call state U03.

L3U_U01_V_002 **subclause 5.1.1, 5.1.2, 5.1.3** **TC10104**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a SETUP ACKNOWLEDGE message,
sends no message and enters the Overlap sending call state U02.

L3U_U01_V_003 **subclause 5.2.1** **TC20003**

Ensure that the IUT in the Call Initiated call state U01, on the first expiry of the optional timer T303,
sends a SETUP message and remains in the Call Initiated call state U01.

Selection: IUT supports timer T303. PICS: TMu 3.

L3U_U01_V_004 **subclause 5.2.1, 5.3.2 g)** **TC20003**

Ensure that the IUT in the Call Initiated call state U01, on the second expiry of the optional timer T303,
sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 102 "recovery on timer expiry" and enters the Null call state U00.

Selection: IUT supports timer T303. PICS: TMu 3.

L3U_U01_V_005 **subclause 5.8.10** **TC10106**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a STATUS ENQUIRY message,
sends a STATUS message with a Call state information element indicating the Call Initiated call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Call Initiated call state U01.

6.2.2.2 **Inopportune****L3U_U01_I_001** **subclause 5.8** **new TC**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message delivered in a DL-UNIT-DATA-INDICATION,

sends no message and remains in the Call Initiated call state U01 or processes the message as valid.

L3U_U01_I_002 **subclause 5.8.3.1** **TC10110**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message using the dummy call reference,
 sends no message and remains in the Call Initiated call state U01.

L3U_U01_I_003 **subclause 5.8.3.2 a)** **new TC**

Ensure that the IUT in the Call Initiated call state U01 for CR1, on receipt of a CALL PROCEEDING message for CR2 which is not recognized as relating to a call,
 sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00 for CR2 and remains in the Call Initiated call state U01 for CR1.

L3U_U01_I_004 **subclause 5.8.3.2 f)** **TC10111**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message using the global call reference,
 sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Call Initiated call state U01.

L3U_U01_I_005 **subclause 5.8.4** **TC10107**

Ensure that the IUT in the Call Initiated call state U01, on receipt of an inopportune message (CONNECT ACKNOWLEDGE),
 sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Call Initiated call state U01.

L3U_U01_I_006 **subclause 5.8.4** **TC10103**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a RELEASE message,
 sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U01_I_007 **subclause 5.8.4** **TC10102**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a RELEASE COMPLETE message,
 sends no message and enters the Null call state U00.

L3U_U01_I_008 **subclause 5.8.5.2** **TC10113**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message with a duplicated Display information element (repetition not permitted),
 ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U01_I_009 **subclause 5.8.8** **new TC**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a DL-ESTABLISH-INDICATION,
 sends no message and remains in the Call Initiated call state U01.

L3U_U01_I_010 **subclause 5.8.11** **TC10105**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a STATUS message with a Call state information element indicating the Null call state,
 sends no message and enters the Null call state U00.

6.2.2.3 **Syntactically invalid****L3U_U01_S_001** **subclause 5.8.1** **TC10108**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message with an erroneous protocol discriminator, coded other than '08'H,
 sends no message and remains in the Call Initiated call state U01.

L3U_U01_S_002 **subclause 5.8.2** **TC10122**

Ensure that the IUT in the Call Initiated call state U01, on receipt of a message which is too short,
 sends no message and remains in the Call Initiated call state U01.

L3U_U01_S_003 subclause 5.8.3.1 TC10109

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message with an invalid call reference format (octet 1, bits 8 to 5 ≠ '0000'B),
sends no message and remains in the Call Initiated call state U01.

L3U_U01_S_004 subclause 5.8.3.1 TC10121

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Call Initiated call state U01.

L3U_U01_S_005 subclause 5.8.4 TC10120

Ensure that the IUT in the Call Initiated call state U01, on receipt of a message with an unrecognized message type,
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Call Initiated call state U01.

L3U_U01_S_006 subclause 5.8.5.1 TC10112

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message with an non-mandatory information element out of sequence,
processes the message as valid.

L3U_U01_S_007 subclause 5.8.6.1 TC10115

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message with a mandatory information element missing,
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Call Initiated call state U01.

L3U_U01_S_008 subclause 5.8.6.2 TC10116

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message with a mandatory information element content error,
sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents" and remains in the Call Initiated call state U01.

L3U_U01_S_009 subclause 5.8.7.1, 5.8.6.1 TC10117

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message with an unrecognized information element (encoded comprehension required),
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Call Initiated call state U01.

L3U_U01_S_010 subclause 5.8.7.1 TC10118

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message with an unrecognized information element (encoded comprehension not required),
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented".

L3U_U01_S_011 subclause 5.8.7.2 TC10119

Ensure that the IUT in the Call Initiated call state U01, on receipt of a CALL PROCEEDING message with a non-mandatory information element content error,
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.2.4 Active

L3U_U01_A_001 subclause 5.3.3 new TC

Ensure that the IUT in the Call Initiated call state U01, to clear the call,
sends a DISCONNECT message and enters the Disconnect Request call state U11.

6.2.3 Overlap Sending call state U02

Selection: IUT supports overlap sending. PICS: MCu 1.2

6.2.3.1 Valid

L3U_U02_V_001 **subclause 5.1.5.2** **TC10203**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message, sends no message and enters the Outgoing Call Proceeding call state U03.

L3U_U02_V_002 **subclause 5.1.5.2** **TC10201**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of an ALERTING message, sends no message and enters the Call Delivered call state U04.

L3U_U02_V_003 **subclause 5.1.5.2** **TC10202**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CONNECT message, sends no message or sends a CONNECT ACKNOWLEDGE message and enters the Active call state U10.

L3U_U02_V_004 **clause 5** **TC10205**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of an INFORMATION message, sends no message and remains in the Overlap Sending call state U02.

L3U_U02_V_005 **subclause 5.2, 5.1.6** **TC10206**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a PROGRESS message, sends no message and remains in the Overlap Sending call state U02.

L3U_U02_V_006 **subclause 5.3.4.1** **new TC**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a DISCONNECT message with a Progress indicator information element indicating the progress description value 8 "in-band information or appropriate pattern now available", sends no message and enters the Disconnect Indication call state U12 or sends a RELEASE message and enters the Release Request call state U19.

L3U_U02_V_007 **subclause 5.3.4.2** **TC10204**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a DISCONNECT message without Progress indicator information element, sends a RELEASE message and enters the Release Request call state U19.

L3U_U02_V_008 **subclause 5.1.5.2** **TC20201**

Ensure that the IUT in the Overlap Sending call state U02, on expiry of the optional timer T304, sends a DISCONNECT message with a Cause information element indicating the cause value 102 "recovery on timer expiry" and enters the Disconnect Request call state U11.

Selection: IUT supports timer T304. PICS: TMu 4.

L3U_U02_V_009 **subclause 5.8.10** **TC10209**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a STATUS ENQUIRY message, sends a STATUS message with a Call state information element indicating the Overlap Sending call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Overlap Sending call state U02.

6.2.3.2 Inopportune

L3U_U02_I_001 **subclause 5.8** **new TC**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message delivered in a DL-UNIT-DATA-INDICATION, sends no message and remains in the Overlap Sending call state U02 or processes the message as valid.

L3U_U02_I_002 **subclause 5.8.3.1** **TC10214**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message using the dummy call reference,
sends no message and remains in the Overlap Sending call state U02.

L3U_U02_I_003 **subclause 5.8.3.2 a)** **new TC**

Ensure that the IUT in the Overlap Sending call state U02 for CR1, on receipt of a CALL PROCEEDING message for CR2 which is not recognized as relating to a call,
sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00 for CR2 and remains in the Overlap Sending call state U02 for CR1.

L3U_U02_I_004 **subclause 5.8.3.2 f)** **TC10215**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message using the global call reference,
sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Overlap Sending call state U02.

L3U_U02_I_005 **subclause 5.8.4** **TC10211**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of an inopportune message (SETUP ACKNOWLEDGE),
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Overlap Sending call state U02.

L3U_U02_I_006 **subclause 5.8.4** **TC10208**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a RELEASE message,
sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U02_I_007 **subclause 5.8.4** **TC10207**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a RELEASE COMPLETE message,
sends no message and enters the Null call state U00.

L3U_U02_I_008 **subclause 5.8.5.2** **TC10217**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message with a duplicated Display information element (repetition not permitted),
ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U02_I_009 **subclause 5.8.8 a)** **new TC**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a DL-ESTABLISH-INDICATION,
sends a DISCONNECT message with a Cause information element indicating the cause value 41 "temporary failure" and enters the Disconnect Request call state U11.

L3U_U02_I_010 **subclause 5.8.11** **TC10210**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a STATUS message with a Call state information element indicating the Null call state,
sends no message and enters the Null call state U00.

6.2.3.3 **Syntactically invalid**

L3U_U02_S_001 **subclause 5.8.1** **TC10212**

Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message with an erroneous protocol discriminator, coded other than '08'H,
sends no message and remains in the Overlap Sending call state U02.

- L3U_U02_S_002** **subclause 5.8.2** **TC10226**
Ensure that the IUT in the Overlap Sending call state U02, on receipt of a message which is too short,
sends no message and remains in the Overlap Sending call state U02.
- L3U_U02_S_003** **subclause 5.8.3.1** **TC10213**
Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message
with an invalid call reference format (octet 1, bits 8 to 5 ≠ '0000'B),
sends no message and remains in the Overlap Sending call state U02.
- L3U_U02_S_004** **subclause 5.8.3.1** **TC10225**
Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message
with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Overlap Sending call state U02.
- L3U_U02_S_005** **subclause 5.8.4** **TC10224**
Ensure that the IUT in the Overlap Sending call state U02, on receipt of a message with an unrecognized
message type,
sends either a STATUS message with a Cause information element indicating the cause value 98
"message type not compatible with call state or message type non-existent or not implemented" or
97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains
in the Overlap Sending call state U02.
- L3U_U02_S_006** **subclause 5.8.5.1** **TC10216**
Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message
with a non-mandatory information element out of sequence,
processes the message as valid.
- L3U_U02_S_007** **subclause 5.8.6.1** **TC10222**
Ensure that the IUT in the Overlap Sending call state U02, on receipt of a DISCONNECT message with a
mandatory information element missing,
sends a RELEASE message with a Cause information element indicating the cause value 96
"mandatory information element missing" and enters the Release Request call state U19.
- L3U_U02_S_008** **subclause 5.8.6.2** **TC10223**
Ensure that the IUT in the Overlap Sending call state U02, on receipt of a DISCONNECT message with a
mandatory information element content error,
sends a RELEASE message with a Cause information element indicating the cause value 100
"invalid information element contents" and enters the Release Request call state U19.
- L3U_U02_S_009** **subclause 5.8.7.1, 5.8.6.1** **TC10219**
Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message
with an unrecognized information element (encoded comprehension required),
sends a STATUS message with a Cause information element indicating the cause value 96
"mandatory information element missing" and remains in the Overlap Sending call state U02.
- L3U_U02_S_010** **subclause 5.8.7.1** **TC10220**
Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message
with an unrecognized information element (encoded comprehension not required),
processes the message as valid and optionally sends a STATUS message with a Cause
information element indicating the cause value 99 "information element non-existent or not
implemented".
- L3U_U02_S_011** **subclause 5.8.7.2** **TC10221**
Ensure that the IUT in the Overlap Sending call state U02, on receipt of a CALL PROCEEDING message
with a non-mandatory information element content error,
processes the message as valid and optionally sends a STATUS message with a Cause
information element indicating the cause value 100 "invalid information element contents".

6.2.3.4 Active

L3U_U02_A_001 subclause 5.3.3 TC20203
 Ensure that the IUT in the Overlap Sending call state U02, to clear the call,
 sends a DISCONNECT message and enters the Disconnect Request call state U11.

L3U_U02_A_002 subclause 5.1.3 TC20204
 Ensure that the IUT in the Overlap Sending call state U02, to send the remainder of the call information,
 sends an INFORMATION message and remains in the Overlap Sending call state U02.

6.2.4 Outgoing Call Proceeding call state U03

Selection: IUT supports outgoing calls. PICS: MCu 1.

6.2.4.1 Valid

L3U_U03_V_001 subclause 5.1.7 TC10301
 Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message,
 sends no message and enters the Call Delivered call state U04.

L3U_U03_V_002 subclause 5.1.8 TC10302
 Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a CONNECT message,
 sends no message or sends a CONNECT ACKNOWLEDGE message and enters the Active call
 state U10.

L3U_U03_V_003 clause 5 TC10304
 Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an INFORMATION
 message,
 sends no message and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_V_004 subclause 5.1.2 TC10305
 Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a PROGRESS message,
 sends no message and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_V_005 subclause 5.3.4.1 new TC
 Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a DISCONNECT
 message with a Progress indicator information element indicating the progress description value 8 "in-
 band information or appropriate pattern now available",
 sends no message and enters the Disconnect Indication call state U12 or sends a RELEASE
 message and enters the Release Request call state U19.

L3U_U03_V_006 subclause 5.3.4.2 TC10303
 Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a DISCONNECT
 message without Progress indicator information element,
 sends a RELEASE message and enters the Release Request call state U19.

L3U_U03_V_007 subclause 9.2 TC20302
 Ensure that the IUT in the Outgoing Call Proceeding call state U03, on expiry of the mandatory timer
 T310,
 sends a DISCONNECT message and enters the Disconnect Request call state U11.

L3U_U03_V_008 subclause 5.8.10 TC10308
 Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a STATUS ENQUIRY
 message,
 sends a STATUS message with a Call state information element indicating the Outgoing Call
 Proceeding call state and a Cause information element indicating the cause value 30 "response to
 STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not
 compatible with call state" and remains in the Outgoing Call Proceeding call state U03.

6.2.4.2 Inopportune

L3U_U03_I_001 subclause 5.8 new TC

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message delivered in a DL-UNIT-DATA-INDICATION,
sends no message and remains in the Outgoing Call Proceeding call state U03 or processes the message as valid.

L3U_U03_I_002 subclause 5.8.3.1 TC10313

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message using the dummy call reference,
sends no message and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_I_003 subclause 5.8.3.2 a) new TC

Ensure that the IUT in the Outgoing Call Proceeding call state U03 for CR1, on receipt of an ALERTING message for CR2 which is not recognized as relating to a call,
sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00 for CR2 and remains in the Outgoing Call Proceeding call state U03 for CR1.

L3U_U03_I_004 subclause 5.8.3.2 f) TC10314

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message using the global call reference,
sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_I_005 subclause 5.8.4 TC10310

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an inopportune message (CALL PROCEEDING),
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_I_006 subclause 5.8.4 TC10307

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a RELEASE message,
sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U03_I_007 subclause 5.8.4 TC10306

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a RELEASE COMPLETE message,
sends no message and enters the Null call state U00.

L3U_U03_I_008 subclause 5.8.5.2 TC10316

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message with a duplicated Display information element (repetition not permitted),
ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U03_I_009 subclause 5.8.8 new TC

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a DL-ESTABLISH-INDICATION,
sends no message and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_I_010 subclause 5.8.11 TC10309

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a STATUS message with a Call state information element indicating the Null call state,
sends no message and enters the Null call state U00.

6.2.4.3 Syntactically invalid**L3U_U03_S_001 subclause 5.8.1 TC13011**

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message with an erroneous protocol discriminator, coded other than '08'H,
sends no message and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_S_002 subclause 5.8.2 TC10325

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a message which is too short,
sends no message and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_S_003 subclause 5.8.3.1 TC10312

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message with an invalid call reference format (octet 1, bits 8 to 5 ≠ '0000'B),
sends no message and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_S_004 subclause 5.8.3.1 TC10324

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_S_005 subclause 5.8.4 TC10323

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a message with an unrecognized message type,
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_S_006 subclause 5.8.5.1 TC10315

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message with a non-mandatory information element out of sequence,
processes the message as valid.

L3U_U03_S_007 subclause 5.8.6.1 TC10321

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a DISCONNECT message with a mandatory information element missing,
sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.

L3U_U03_S_008 subclause 5.8.6.2 TC10322

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of a DISCONNECT message with a mandatory information element content error,
sends a RELEASE message with a Cause information element indicating the cause value 100 "invalid information element contents" and enters the Release Request call state U19.

L3U_U03_S_009 subclause 5.8.7.1, 5.8.6.1 TC10318

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message with an unrecognized information element (encoded comprehension required),
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Outgoing Call Proceeding call state U03.

L3U_U03_S_010 subclause 5.8.7.1 TC10319

Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message with an unrecognized information element (encoded comprehension not required),
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented".

L3U_U03_S_011 **subclause 5.8.7.2** **TC10320**
Ensure that the IUT in the Outgoing Call Proceeding call state U03, on receipt of an ALERTING message with a non-mandatory information element content error,
 processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.4.4 **Active**

L3U_U03_A_001 **subclause 5.3.3** **TC20301**
Ensure that the IUT in the Outgoing Call Proceeding call state U03, to clear the call,
 sends a DISCONNECT message and enters the Disconnect Request call state U11.

L3U_U03_A_002 **clause 5** **new TC**
Ensure that the IUT in the Outgoing Call Proceeding call state U03, to send information,
 sends an INFORMATION message and remains in the Outgoing Call Proceeding call state U03.

6.2.5 **Call Delivered call state U04**

Selection: IUT supports outgoing calls. PICS: MCu 1.

6.2.5.1 **Valid**

L3U_U04_V_001 **subclause 5.1.8** **TC10401**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message,
 sends no message or sends a CONNECT ACKNOWLEDGE message and enters the Active call state U10.

L3U_U04_V_002 **clause 5** **TC10403**
Ensure that the IUT in the Call Delivered call state U04, on receipt of an INFORMATION message,
 sends no message and remains in the Call Delivered call state U04.

L3U_U04_V_003 **subclause 5.1.2** **TC10404**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a PROGRESS message,
 sends no message and remains in the Call Delivered call state U04.

L3U_U04_V_004 **subclause 5.3.4.1** **new TC**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a DISCONNECT message with a Progress indicator information element indicating the progress description value 8 "in-band information or appropriate pattern now available",
 sends no message and enters the Disconnect Indication call state U12 or sends a RELEASE message and enters the Release Request call state U19.

L3U_U04_V_005 **subclause 5.3.4.2** **TC10402**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a DISCONNECT message without Progress indicator information element,
 sends a RELEASE message and enters the Release Request call state U19.

L3U_U04_V_006 **subclause 5.8.10** **TC10407**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a STATUS ENQUIRY message,
 sends a STATUS message with a Call state information element indicating the Call Delivered call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Call Delivered call state U04.

6.2.5.2 **Inopportune**

L3U_U04_I_001 **subclause 5.8** **new TC**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message delivered in a DL-UNIT-DATA-INDICATION,
 sends no message and remains in the Call Delivered call state U04 or processes the message as valid.

L3U_U04_I_002 **subclause 5.8.3.1** **TC10412**

Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message using the dummy call reference,
 sends no message and remains in the Call Delivered call state U04.

L3U_U04_I_003 **subclause 5.8.3.2 a)** **new TC**

Ensure that the IUT in the Call Delivered call state U04 for CR1, on receipt of a CONNECT message for CR2 which is not recognized as relating to a call,
 sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00 for CR2 and remains in the Call Delivered call state U04 for CR1.

L3U_U04_I_004 **subclause 5.8.3.2 f)** **TC10413**

Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message using the global call reference,
 sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Call Delivered call state U04.

L3U_U04_I_005 **subclause 5.8.4** **TC10409**

Ensure that the IUT in the Call Delivered call state U04, on receipt of an inopportune message (ALERTING),
 sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Call Delivered call state U04.

L3U_U04_I_006 **subclause 5.8.4** **TC10406**

Ensure that the IUT in the Call Delivered call state U04, on receipt of a RELEASE message,
 sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U04_I_007 **subclause 5.8.4** **TC10405**

Ensure that the IUT in the Call Delivered call state U04, on receipt of a RELEASE COMPLETE message,
 sends no message and enters the Null call state U00.

L3U_U04_I_008 **subclause 5.8.5.2** **TC10415**

Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message with a duplicated Display information element (repetition not permitted),
 ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U04_I_009 **subclause 5.8.8** **new TC**

Ensure that the IUT in the Call Delivered call state U04, on receipt of a DL-ESTABLISH-INDICATION,
 sends no message and remains in the Call Delivered call state U04.

L3U_U04_I_010 **subclause 5.8.11** **TC10408**

Ensure that the IUT in the Call Delivered call state U04, on receipt of a STATUS message with a Call state information element indicating the Null call state,
 sends no message and enters the Null call state U00.

6.2.5.3 **Syntactically invalid****L3U_U04_S_001** **subclause 5.8.1** **TC10410**

Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message with an erroneous protocol discriminator, coded other than '08'H,
 sends no message and remains in the Call Delivered call state U04.

L3U_U04_S_002 **subclause 5.8.2** **TC10424**

Ensure that the IUT in the Call Delivered call state U04, on receipt of a message which is too short,
 sends no message and remains in the Call Delivered call state U04.

- L3U_U04_S_003** **subclause 5.8.3.1** **TC10411**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message with an invalid call reference format (octet 1, bits 8 to 5 ≠ '0000'B),
 sends no message and remains in the Call Delivered call state U04.
- L3U_U04_S_004** **subclause 5.8.3.1** **TC10423**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
 sends no message and remains in the Call Delivered call state U04.
- L3U_U04_S_005** **subclause 5.8.4** **TC10422**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a message with an unrecognized message type,
 sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Call Delivered call state U04.
- L3U_U04_S_006** **subclause 5.8.5.1** **TC10414**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message with a non-mandatory information element out of sequence,
 processes the message as valid.
- L3U_U04_S_007** **subclause 5.8.6.1** **TC10420**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a DISCONNECT message with a mandatory information element missing,
 sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.
- L3U_U04_S_008** **subclause 5.8.6.2** **TC10421**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a DISCONNECT message with a mandatory information element content error,
 sends a RELEASE message with a Cause information element indicating the cause value 100 "invalid information element contents" and enters the Release Request call state U19.
- L3U_U04_S_009** **subclause 5.8.7.1, 5.8.6.1** **TC10417**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message with an unrecognized information element (encoded comprehension required),
 sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Call Delivered call state U04.
- L3U_U04_S_010** **subclause 5.8.7.1** **TC10418**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message with an unrecognized information element (encoded comprehension not required),
 processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented".
- L3U_U04_S_011** **subclause 5.8.7.2** **TC10419**
Ensure that the IUT in the Call Delivered call state U04, on receipt of a CONNECT message with a non-mandatory information element content error,
 processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.5.4 Active

L3U_U04_A_001 subclause 5.3.3 TC20401
 Ensure that the IUT in the Call Delivered call state U04, to clear the call,
 sends a DISCONNECT message and enters the Disconnect Request call state U11.

L3U_U04_A_002 clause 5 new TC
 Ensure that the IUT in the Call Delivered call state U04, to send information,
 sends an INFORMATION message and remains in the Call Delivered call state U04.

6.2.6 Call Received call state U07

Selection: IUT supports incoming calls. PICS: MCu 2 AND
 IUT supports sending of an ALERTING message. PICS MTu 1.

6.2.6.1 Valid

L3U_U07_V_001 clause 5 TC10702
 Ensure that the IUT in the Call Received call state U07, on receipt of an INFORMATION message,
 sends no message and remains in the Call Received call state U07.

L3U_U07_V_002 subclause 5.3.4.1 new TC
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message with a
 Progress indicator information element indicating the progress description value 8 "in-band information or
 appropriate pattern now available",
 sends no message and enters the Disconnect Indication call state U12 or sends a RELEASE
 message and enters the Release Request call state U19.

L3U_U07_V_003 subclause 5.3.4.2 TC10701
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message without
 Progress indicator information element,
 sends a RELEASE message and enters the Release Request call state U19.

L3U_U07_V_004 subclause 5.8.10 TC10705
 Ensure that the IUT in the Call Received call state U07, on receipt of a STATUS ENQUIRY message,
 sends a STATUS message with a Call state information element indicating the Call Received call
 state and a Cause information element indicating the cause value 30 "response to STATUS
 ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible
 with call state" and remains in the Call Received call state U07.

6.2.6.2 Inopportune

L3U_U07_I_001 subclause 5.8 new TC
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message delivered
 in a DL-UNIT-DATA-INDICATION,
 sends no message and remains in the Call Received call state U07 or processes the message as
 valid.

L3U_U07_I_002 subclause 5.8.3.1 TC10710
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message using the
 dummy call reference,
 sends no message and remains in the Call Received call state U07.

L3U_U07_I_003 subclause 5.8.3.2 a) new TC
 Ensure that the IUT in the Call Received call state U07 for CR1, on receipt of a DISCONNECT message
 for CR2 which is not recognized as relating to a call,
 sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information
 element indicating the cause value 81 "invalid call reference value" and enters the Release Request
 call state U19 or remains in the Null call state U00 for CR2 and remains in the Call Received call
 state U07 for CR1.

- L3U_U07_I_004** **subclause 5.8.3.2 e)** **new TC**
 Ensure that the IUT in the Call Received call state U07, on receipt of a SETUP message with a call reference that is already in use,
 sends no message and remains in the Call Received call state U07.
- L3U_U07_I_005** **subclause 5.8.3.2 f)** **TC10711**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message using the global call reference,
 sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Call Received call state U07.
- L3U_U07_I_006** **subclause 5.8.4** **TC10707**
 Ensure that the IUT in the Call Received call state U07, on receipt of an inopportune message (CONNECT),
 sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Call Received call state U07.
- L3U_U07_I_007** **subclause 5.8.4** **TC10704**
 Ensure that the IUT in the Call Received call state U07, on receipt of a RELEASE message,
 sends a RELEASE COMPLETE message and enters the Null call state U00.
- L3U_U07_I_008** **subclause 5.8.4** **TC10703**
 Ensure that the IUT in the Call Received call state U07, on receipt of a RELEASE COMPLETE message,
 sends no message and enters the Null call state U00.
- L3U_U07_I_009** **subclause 5.8.5.2** **TC10713**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message with a duplicated Display information element (repetition not permitted),
 ignores the second occurrence of that information element and processes the remaining contents of the message as valid.
- L3U_U07_I_010** **subclause 5.8.8** **new TC**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DL-ESTABLISH-INDICATION,
 sends no message and remains in the Call Received call state U07.
- L3U_U07_I_011** **subclause 5.8.11** **TC10706**
 Ensure that the IUT in the Call Received call state U07, on receipt of a STATUS message with a Call state information element indicating the Null call state,
 sends no message and enters the Null call state U00.
- 6.2.6.3** **Syntactically invalid**
- L3U_U07_S_001** **subclause 5.8.1** **TC10708**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message with an erroneous protocol discriminator, coded other than '08'H,
 sends no message and remains in the Call Received call state U07.
- L3U_U07_S_002** **subclause 5.8.2** **TC10722**
 Ensure that the IUT in the Call Received call state U07, on receipt of a message which is too short,
 sends no message and remains in the Call Received call state U07.
- L3U_U07_S_003** **subclause 5.8.3.1** **TC10709**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
 sends no message and remains in the Call Received call state U07.

- L3U_U07_S_004** **subclause 5.8.3.1** **TC10721**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
 sends no message and remains in the Call Received call state U07.
- L3U_U07_S_005** **subclause 5.8.4** **TC10720**
 Ensure that the IUT in the Call Received call state U07, on receipt of a message with an unrecognized message type,
 sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Call Received call state U07.
- L3U_U07_S_006** **subclause 5.8.5.1** **TC10712**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message with a non-mandatory information element out of sequence,
 processes the message as valid.
- L3U_U07_S_007** **subclause 5.8.6.1** **TC10715**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message with a mandatory information element missing,
 sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.
- L3U_U07_S_008** **subclause 5.8.6.2** **TC10716**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message with a mandatory information element content error,
 sends a RELEASE message with a Cause information element indicating the cause value 100 "invalid information element contents" and enters the Release Request call state U19.
- L3U_U07_S_009** **subclause 5.8.7.1, 5.8.6.1** **TC10717**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message with an unrecognized information element (encoded comprehension required),
 sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.
- L3U_U07_S_010** **subclause 5.8.7.1** **TC10718**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message with an unrecognized information element (encoded comprehension not required),
 sends a RELEASE message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented" and enters the Release Request call state U19.
- L3U_U07_S_011** **subclause 5.8.7.2** **TC10719**
 Ensure that the IUT in the Call Received call state U07, on receipt of a DISCONNECT message with a non-mandatory information element content error,
 processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".
- 6.2.6.4** **Active**
- L3U_U07_A_001** **subclause 5.2.7** **new TC**
 Ensure that the IUT in the Call Received call state U07, to accept the call,
 sends a CONNECT message and enters the Connect Request call state U08.
- L3U_U07_A_002** **clause 5** **new TC**
 Ensure that the IUT in the Call Received call state U07, to send information,
 sends an INFORMATION message and remains in the Call Received call state U07.

L3U_U07_A_003 **subclause 5.2.6** **TC20701**

Ensure that the IUT in the Call Received call state U07, to give a progress indication, sends a PROGRESS message and remains in the Call Received call state U07.

L3U_U07_A_004 **subclause 5.3.3** **new TC**

Ensure that the IUT in the Call Received call state U07, to clear the call, sends a DISCONNECT message and enters the Disconnect Request call state U11.

6.2.7 **Connect Request call state U08**

Selection: IUT supports incoming calls. PICS: MCu 2.

6.2.7.1 **Valid**

L3U_U08_V_001 **subclause 5.2.8** **TC10801**

Ensure that the IUT in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE message, sends no message and enters the Active call state U10.

L3U_U08_V_002 **clause 5** **TC10803**

Ensure that the IUT in the Connect Request call state U08, on receipt of an INFORMATION message, sends no message and remains in the Connect Request call state U08.

L3U_U08_V_003 **subclause 5.3.4.1** **new TC**

Ensure that the IUT in the Connect Request call state U08, on receipt of a DISCONNECT message with a Progress indicator information element indicating the progress description value 8 "in-band information or appropriate pattern now available", sends no message and enters the Disconnect Indication call state U12 or sends a RELEASE message and enters the Release Request call state U19.

L3U_U08_V_004 **subclause 5.3.4.2** **TC10802**

Ensure that the IUT in the Connect Request call state U08, on receipt of a DISCONNECT message without Progress indicator information element, sends a RELEASE message and enters the Release Request call state U19.

L3U_U08_V_005 **subclause 5.2.7, 5.2.8, 9.2** **TC20801**

Ensure that the IUT in the Connect Request call state U08, on expiry of the mandatory timer T313, sends a DISCONNECT message with a Cause information element indicating the cause value 102 "recovery on timer expiry" and enters the Disconnect Request call state U11.

L3U_U08_V_006 **subclause 5.8.10** **TC10806**

Ensure that the IUT in the Connect Request call state U08, on receipt of a STATUS ENQUIRY message, sends a STATUS message with a Call state information element indicating the Connect Request call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Connect Request call state U08.

6.2.7.2 **Inopportune**

L3U_U08_I_001 **subclause 5.8** **new TC**

Ensure that the IUT in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE message delivered in a DL-UNIT-DATA-INDICATION, sends no message and remains in the Connect Request call state U08 or processes the message as valid.

L3U_U08_I_002 **subclause 5.8.3.1** **TC10811**

Ensure that the IUT in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE message using the dummy call reference, sends no message and remains in the Connect Request call state U08.

L3U_U08_I_003 **subclause 5.8.3.2 a)** **new TC**

Ensure that the IUT in the Connect Request call state U08 for CR1, on receipt of a CONNECT ACKNOWLEDGE message for CR2 which is not recognized as relating to a call, sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00 for CR2 and remains in the Connect Request call state U08 for CR1.

L3U_U08_I_004 **subclause 5.8.3.2 e)** **new TC**

Ensure that the IUT in the Connect Request call state U08, on receipt of a SETUP message with a call reference that is already in use, sends no message and remains in the Connect Request call state U08.

L3U_U08_I_005 **subclause 5.8.3.2 f)** **TC10812**

Ensure that the IUT in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE message using the global call reference, sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Connect Request call state U08.

L3U_U08_I_006 **subclause 5.8.4** **TC10808**

Ensure that the IUT in the Connect Request call state U08, on receipt of an inopportune message (CONNECT), sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Connect Request call state U08.

L3U_U08_I_007 **subclause 5.8.4** **TC10805**

Ensure that the IUT in the Connect Request call state U08, on receipt of a RELEASE message, sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U08_I_008 **subclause 5.8.4** **TC10804**

Ensure that the IUT in the Connect Request call state U08, on receipt of a RELEASE COMPLETE message, sends no message and enters the Null call state U00.

L3U_U08_I_009 **subclause 5.8.5.2** **TC10813**

Ensure that the IUT in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE message with a duplicated Display information element (repetition not permitted), ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U08_I_010 **subclause 5.8.8** **new TC**

Ensure that the IUT in the Connect Request call state U08, on receipt of a DL-ESTABLISH-INDICATION, sends no message and remains in the Connect Request call state U08.

L3U_U08_I_011 **subclause 5.8.11** **TC10807**

Ensure that the IUT in the Connect Request call state U08, on receipt of a STATUS message with a Call state information element indicating the Null call state, sends no message and enters the Null call state U00.

6.2.7.3 **Syntactically invalid**

L3U_U08_S_001 **subclause 5.8.1** **TC10809**

Ensure that the IUT in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE message with an erroneous protocol discriminator, coded other than '08'H, sends no message and remains in the Connect Request call state U08.

- L3U_U08_S_002** **subclause 5.8.2** **TC10823**
Ensure that the IUT in the Connect Request call state U08, on receipt of a message which is too short,
sends no message and remains in the Connect Request call state U08.
- L3U_U08_S_003** **subclause 5.8.3.1** **TC10810**
Ensure that the IUT in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE
message with an invalid call reference format (octet 1, bits 8 to 5 ≠ '0000'B),
sends no message and remains in the Connect Request call state U08.
- L3U_U08_S_004** **subclause 5.8.3.1** **TC10822**
Ensure that the IUT in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE
message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Connect Request call state U08.
- L3U_U08_S_005** **subclause 5.8.4** **TC10821**
Ensure that the IUT in the Connect Request call state U08, on receipt of a message with an unrecognized
message type,
sends either a STATUS message with a Cause information element indicating the cause value 98
"message type not compatible with call state or message type non-existent or not implemented" or
97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains
in the Connect Request call state U08.
- L3U_U08_S_006** **subclause 5.8.5.1** **TC10817**
Ensure that the IUT in the Connect Request call state U08, on receipt of a DISCONNECT message with a
non-mandatory information element out of sequence,
processes the message as valid.
- L3U_U08_S_007** **subclause 5.8.6.1** **TC10819**
Ensure that the IUT in the Connect Request call state U08, on receipt of a DISCONNECT message with a
mandatory information element missing,
sends a RELEASE message with a Cause information element indicating the cause value 96
"mandatory information element missing" and enters the Release Request call state U19.
- L3U_U08_S_008** **subclause 5.8.6.2** **TC10820**
Ensure that the IUT in the Connect Request call state U08, on receipt of a DISCONNECT message with a
mandatory information element content error,
sends a RELEASE message with a Cause information element indicating the cause value 100
"invalid information element contents" and enters the Release Request call state U19.
- L3U_U08_S_009** **subclause 5.8.7.1, 5.8.6.1** **TC10814**
Ensure that the IUT in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE
message with an unrecognized information element (encoded comprehension required),
sends a STATUS message with a Cause information element indicating the cause value 96
"mandatory information element missing" and remains in the Connect Request call state U08.
- L3U_U08_S_010** **subclause 5.8.7.1** **TC10815**
Ensure that the IUT in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE
message with an unrecognized information element (encoded comprehension not required),
processes the message as valid and optionally sends a STATUS message with a Cause
information element indicating the cause value 99 "information element non-existent or not
implemented".
- L3U_U08_S_011** **subclause 5.8.7.2** **TC10816**
Ensure that the IUT in the Connect Request call state U08, on receipt of a DISCONNECT message with a
non-mandatory information element content error,
processes the message as valid and optionally sends a STATUS message with a Cause
information element indicating the cause value 100 "invalid information element contents".

6.2.7.4 Active

L3U_U08_A_001 subclause 5.3.3 new TC
 Ensure that the IUT in the Connect Request call state U08, to clear the call,
 sends a DISCONNECT message and enters the Disconnect Request call state U11.

L3U_U08_A_002 clause 5 new TC
 Ensure that the IUT in the Connect Request call state U08, to send information,
 sends an INFORMATION message and remains in the Connect Request call state U08.

6.2.8 Incoming Call Proceeding call state U09

Selection: IUT supports incoming calls. PICS: M_{Cu} 2 AND
 IUT supports sending of a CALL PROCEEDING message. PICS M_{Tu} 2.

6.2.8.1 Valid

L3U_U09_V_001 clause 5 TC10902
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of an INFORMATION
 message,
 sends no message and remains in the Incoming Call Proceeding call state U09.

L3U_U09_V_002 subclause 5.3.4.1 new TC
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT
 message with a Progress indicator information element indicating the progress description value 8 "in-
 band information or appropriate pattern now available",
 sends no message and enters the Disconnect Indication call state U12 or sends a RELEASE
 message and enters the Release Request call state U19.

L3U_U09_V_003 subclause 5.3.4.2 TC10901
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT
 message without Progress indicator information element,
 sends a RELEASE message and enters the Release Request call state U19.

L3U_U09_V_004 subclause 5.8.10 TC10905
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a STATUS ENQUIRY
 message,
 sends a STATUS message with a Call state information element indicating the Incoming Call
 Proceeding call state and a Cause information element indicating the cause value 30 "response to
 STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not
 compatible with call state" and remains in the Incoming Call Proceeding call state U09.

6.2.8.2 Inopportune

L3U_U09_I_001 subclause 5.8 new TC
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT
 message delivered in a DL-UNIT-DATA-INDICATION,
 sends no message and remains in the Incoming Call Proceeding call state U09 or processes the
 message as valid.

L3U_U09_I_002 subclause 5.8.3.1 TC10910
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT
 message using the dummy call reference,
 sends no message and remains in the Incoming Call Proceeding call state U09.

L3U_U09_I_003 subclause 5.8.3.2 a) new TC
 Ensure that the IUT in the Incoming Call Proceeding call state U09 for CR1, on receipt of a DISCONNECT
 message for CR2 which is not recognized as relating to a call,
 sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information
 element indicating the cause value 81 "invalid call reference value" and enters the Release Request
 call state U19 or remains in the Null call state U00 for CR2 and remains in the Incoming Call
 Proceeding call state U09 for CR1.

L3U_U09_I_004 **subclause 5.8.3.2 e)** **new TC**
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a SETUP message with a call reference that is already in use,
 sends no message and remains in the Incoming Call Proceeding call state U09.

L3U_U09_I_005 **subclause 5.8.3.2 f)** **TC10911**
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT message using the global call reference,
 sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Incoming Call Proceeding call state U09.

L3U_U09_I_006 **subclause 5.8.4** **TC10907**
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of an inopportune message (CONNECT),
 sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Incoming Call Proceeding call state U09.

L3U_U09_I_007 **subclause 5.8.4** **TC10904**
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a RELEASE message,
 sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U09_I_008 **subclause 5.8.4** **TC10903**
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a RELEASE COMPLETE message,
 sends no message and enters the Null call state U00.

L3U_U09_I_009 **subclause 5.8.5.2** **TC10913**
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT message with a duplicated Display information element (repetition not permitted),
 ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U09_I_010 **subclause 5.8.8** **new TC**
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DL-ESTABLISH-INDICATION,
 sends no message and remains in the Incoming Call Proceeding call state U09.

L3U_U09_I_011 **subclause 5.8.11** **TC10906**
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a STATUS message with a Call state information element indicating the Null call state,
 sends no message and enters the Null call state U00.

6.2.8.3 Syntactically invalid

L3U_U09_S_001 **subclause 5.8.1** **TC10908**
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT message with an erroneous protocol discriminator, coded other than '08'H,
 sends no message and remains in the Incoming Call Proceeding call state U09.

L3U_U09_S_002 **subclause 5.8.2** **TC10922**
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a message which is too short,
 sends no message and remains in the Incoming Call Proceeding call state U09.

L3U_U09_S_003 **subclause 5.8.3.1** **TC10909**
 Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
 sends no message and remains in the Incoming Call Proceeding call state U09.

- L3U_U09_S_004** **subclause 5.8.3.1** **TC10921**
Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT message with an invalid call reference format (octet 1, bits 4 to 1, length value too high), sends no message and remains in the Incoming Call Proceeding call state U09.
- L3U_U09_S_005** **subclause 5.8.4** **TC10920**
Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a message with an unrecognized message type,
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Incoming Call Proceeding call state U09.
- L3U_U09_S_006** **subclause 5.8.5.1** **TC10912**
Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT message with a non-mandatory information element out of sequence,
processes the message as valid.
- L3U_U09_S_007** **subclause 5.8.6.1** **TC10915**
Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT message with a mandatory information element missing,
sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.
- L3U_U09_S_008** **subclause 5.8.6.2** **TC10916**
Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT message with a mandatory information element content error,
sends a RELEASE message with a Cause information element indicating the cause value 100 "invalid information element contents" and enters the Release Request call state U19.
- L3U_U09_S_009** **subclause 5.8.7.1, 5.8.6.1** **TC10917**
Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT message with an unrecognized information element (encoded comprehension required),
sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.
- L3U_U09_S_010** **subclause 5.8.7.1** **TC10918**
Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT message with an unrecognized information element (encoded comprehension not required),
sends a RELEASE message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented" and enters the Release Request call state U19.
- L3U_U09_S_011** **subclause 5.8.7.2** **TC10919**
Ensure that the IUT in the Incoming Call Proceeding call state U09, on receipt of a DISCONNECT message with a non-mandatory information element content error,
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".
- 6.2.8.4** **Active**
- L3U_U09_A_001** **subclause 5.2.4, 5.2.5.1** **new TC**
Ensure that the IUT in the Incoming Call Proceeding call state U09, to indicate that the alerting phase has started,
sends an ALERTING message and enters the Call Received call state U07.
- L3U_U09_A_002** **subclause 5.2.7** **new TC**
Ensure that the IUT in the Incoming Call Proceeding call state U09, to accept the call,
sends a CONNECT message and enters the Connect Request call state U08.

L3U_U09_A_003 **subclause 5.3.3** **new TC**

Ensure that the IUT in the Incoming Call Proceeding call state U09, to clear the call,
sends a DISCONNECT message and enters the Disconnect Request call state U11.

L3U_U09_A_004 **clause 5** **new TC**

Ensure that the IUT in the Incoming Call Proceeding call state U09, to send information,
sends an INFORMATION message and remains in the Incoming Call Proceeding call state U09.

L3U_U09_A_005 **subclause 5.2.6** **TC20901**

Ensure that the IUT in the Incoming Call Proceeding call state U09, to give a progress indication,
sends a PROGRESS message and remains in the Incoming Call Proceeding call state U09.

6.2.9 **Active call state U10 (Incoming call)**

Selection: IUT supports incoming calls. PICS: MCu 2.

6.2.9.1 **Valid**

L3U_U10I_V_001 **subclause 5.3.4.1** **new TC**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a Progress indicator information element indicating the progress description value 8 "in-band information or appropriate pattern now available",

sends no message and enters the Disconnect Indication call state U12 or sends a RELEASE message and enters the Release Request call state U19.

L3U_U10I_V_002 **subclause 5.3.4.2** **TC11001**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message without Progress indicator information element,

sends a RELEASE message and enters the Release Request call state U19.

L3U_U10I_V_003 **clause 5** **TC11002**

Ensure that the IUT in the Active call state U10, on receipt of an INFORMATION message,
sends no message and remains in the Active call state U10.

L3U_U10I_V_004 **subclause 5.6.2, 5.6.4, 5.9** **TC11003**

Ensure that the IUT in the Active call state U10, on receipt of a NOTIFY message,
sends no message and remains in the Active call state U10.

L3U_U10I_V_005 **subclause 5.8.10** **TC21002**

Ensure that the IUT in the Active call state U10, on the first expiry of the mandatory (if status enquiry procedures are implemented) timer T322,

sends a STATUS ENQUIRY message and remains in the Active call state U10.

Selection: IUT supports initiation of status enquiry procedure. PICS: MCu 7.2.

L3U_U10I_V_006 **subclause 5.8.10** **new TC**

Ensure that the IUT in the Active call state U10, on expiry of the mandatory (if status enquiry procedures are implemented) timer T322 after the maximum number of retransmissions of STATUS ENQUIRY messages,

sends a RELEASE message with a Cause information element indicating the cause value 41 "temporary failure" and enters the Release Request call state U19.

Selection: IUT supports initiation of status enquiry procedure. PICS: MCu 7.2.

L3U_U10I_V_007 **subclause 5.8.10** **TC11006**

Ensure that the IUT in the Active call state U10, on receipt of a STATUS ENQUIRY message,

sends a STATUS message with a Call state information element indicating the Active call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Active call state U10.

L3U_U10I_V_008 **subclause 2, 5.2** **new TC**

Ensure that the IUT in the Active call state U10 for CR1 and in the Null call state U00 for CR2, on receipt of a SETUP message with the Sending complete information element for CR2,
 sends any of a CALL PROCEEDING, ALERTING or CONNECT message using CR2, enters the relevant call state Incoming Call Proceeding U09, Call Received U07 or Connect Request U08 for CR2 and remains in the Active call state U10 for CR1.

L3U_U10I_V_009 **subclause 2, 5.2** **new TC**

Ensure that the IUT in the Active call state U10 for CR1 and in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE message for CR2,
 sends no message using CR2, enters the Active call state U10 for CR2 and remains in the Active call state U10 for CR1.

L3U_U10I_V_010 **subclause 2, 5.1** **new TC**

Ensure that the IUT in the Active call state U10 for CR1 and in the Null call state U00 for CR2, to establish a call,
 sends a SETUP message using CR2, enters the Call Initiated call state U01 for CR2 and remains in the Active call state U10 for CR1.

Selection: IUT supports outgoing calls. PICS: MCu 1.

L3U_U10I_V_011 **subclause 2, 5.1** **new TC**

Ensure that the IUT in the Active call state U10 for CR1 and in the Call Delivered call state U04 for CR2, on receipt of a CONNECT message for CR2,
 sends no message or a CONNECT ACKNOWLEDGE message using CR2, enters the Active call state U10 for CR2 and remains in the Active call state U10 for CR1.

Selection: IUT supports outgoing calls. PICS: MCu 1.

6.2.9.2 **Inopportune****L3U_U10I_I_001** **subclause 5.8** **new TC**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message delivered in a DL-UNIT-DATA-INDICATION,
 sends no message and remains in the Active call state U10 or processes the message as valid.

L3U_U10I_I_002 **subclause 5.8.3.1** **TC11011**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message using the dummy call reference,
 sends no message and remains in the Active call state U10.

L3U_U10I_I_003 **subclause 5.8.3.2 a)** **new TC**

Ensure that the IUT in the Active call state U10 for CR1, on receipt of a DISCONNECT message for CR2 which is not recognized as relating to a call,
 sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00 for CR2 and remains in the Active call state U10 for CR1.

L3U_U10I_I_004 **subclause 5.8.3.2 e)** **new TC**

Ensure that the IUT in the Active call state U10, on receipt of a SETUP message with a call reference that is already in use,
 sends no message and remains in the Active call state U10.

L3U_U10I_I_005 **subclause 5.8.3.2 f)** **TC11012**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message using the global call reference,
 sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Active call state U10.

- L3U_U10I_I_006** **subclause 5.8.4** **TC11008**
Ensure that the IUT in the Active call state U10, on receipt of an inopportune message (CONNECT), sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Active call state U10.
- L3U_U10I_I_007** **subclause 5.8.4** **TC11005**
Ensure that the IUT in the Active call state U10, on receipt of a RELEASE message, sends a RELEASE COMPLETE message and enters the Null call state U00.
- L3U_U10I_I_008** **subclause 5.8.4** **TC11004**
Ensure that the IUT in the Active call state U10, on receipt of a RELEASE COMPLETE message, sends no message and enters the Null call state U00.
- L3U_U10I_I_009** **subclause 5.8.5.2** **TC11014**
Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a duplicated Display information element (repetition not permitted), ignores the second occurrence of that information element and processes the remaining contents of the message as valid.
- L3U_U10I_I_010** **subclause 5.8.8** **new TC**
Ensure that the IUT in the Active call state U10, on receipt of a DL-ESTABLISH-INDICATION, sends no message and remains in the Active call state U10.
- L3U_U10I_I_011** **subclause 5.8.9** **new TC**
Ensure that the IUT in the Active call state U10, after having sent a DL-ESTABLISH-REQUEST in response to a DL-RELEASE-INDICATION, on receipt of a DL-ESTABLISH-CONFIRM, sends a STATUS message with a Cause information element indicating the cause value 31 "normal, unspecified" or a STATUS ENQUIRY message and remains in the Active call state U10.
- L3U_U10I_I_012** **subclause 5.8.11** **TC11007**
Ensure that the IUT in the Active call state U10, on receipt of a STATUS message with a Call state information element indicating the Null call state, sends no message and enters the Null call state U00.
- 6.2.9.3** **Syntactically invalid**
- L3U_U10I_S_001** **subclause 5.8.1** **TC11009**
Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with an erroneous protocol discriminator, coded other than '08'H, sends no message and remains in the Active call state U10.
- L3U_U10I_S_002** **subclause 5.8.2** **TC11023**
Ensure that the IUT in the Active call state U10, on receipt of a message which is too short, sends no message and remains in the Active call state U10.
- L3U_U10I_S_003** **subclause 5.8.3.1** **TC11010**
Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with an invalid call reference format (octet 1, bits 8 to 5 ≠ '0000'B), sends no message and remains in the Active call state U10.
- L3U_U10I_S_004** **subclause 5.8.3.1** **TC11022**
Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with an invalid call reference format (octet 1, bits 4 to 1, length value too high), sends no message and remains in the Active call state U10.

L3U_U10I_S_005 **subclause 5.8.4** **TC11021**

Ensure that the IUT in the Active call state U10, on receipt of a message with an unrecognized message type,
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Active call state U10.

L3U_U10I_S_006 **subclause 5.8.5.1** **TC11013**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a non-mandatory information element out of sequence,
processes the message as valid.

L3U_U10I_S_007 **subclause 5.8.6.1** **TC11016**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a mandatory information element missing,
sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.

L3U_U10I_S_008 **subclause 5.8.6.2** **TC11017**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a mandatory information element content error,
sends a RELEASE message with a Cause information element indicating the cause value 100 "invalid information element contents" and enters the Release Request call state U19.

L3U_U10I_S_009 **subclause 5.8.7.1, 5.8.6.1** **TC11018**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with an unrecognized information element (encoded comprehension required),
sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.

L3U_U10I_S_010 **subclause 5.8.7.1** **TC11019**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with an unrecognized information element (encoded comprehension not required),
sends a RELEASE message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented" and enters the Release Request call state U19.

L3U_U10I_S_011 **subclause 5.8.7.2** **TC11020**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a non-mandatory information element content error,
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.9.4 **Active**

L3U_U10I_A_001 **subclause 5.3.3** **TC21003**

Ensure that the IUT in the Active call state U10, to release the call,
sends a DISCONNECT message and enters the Disconnect Request call state U11.

L3U_U10I_A_002 **clause 5** **new TC**

Ensure that the IUT in the Active call state U10, to send information,
sends an INFORMATION message and remains in the Active call state U10.

L3U_U10I_A_003 **subclause 5.9** **TC21004**

Ensure that the IUT in the Active call state U10, to send notifications,
sends a NOTIFY message and remains in the Active call state U10.

L3U_U10I_A_004 subclause 5.6.1 TC21005

Ensure that the IUT in the Active call state U10, to suspend the call without assigning a call identity, sends a SUSPEND message without the Call identity information element and enters the Suspend Request call state U15.

Selection: IUT supports initiation of call rearrangement. PICS: MCu 6. AND NOT
IUT supports the sending of the Call identify information element in a SUSPEND message. PICS: MTu23-IE2.

L3U_U10I_A_005 subclause 5.6.1 new TC

Ensure that the IUT in the Active call state U10, to suspend the call with assigning a call identity, sends a SUSPEND message with the Call identity information element indicating a call identity value and enters the Suspend Request call state U15.

Selection: IUT supports initiation of call rearrangement. PICS: MCu 6.
IUT supports the sending of the Call identify information element in a SUSPEND message. PICS: MTu23-IE2.

6.2.10 Active call state U10 (Outgoing call)

Selection: IUT supports outgoing calls. PICS: MCu 1.

6.2.10.1 Valid**L3U_U100_V_001 subclause 5.3.4.1 new TC**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a Progress indicator information element indicating the progress description value 8 "in-band information or appropriate pattern now available",

sends no message and enters the Disconnect Indication call state U12 or sends a RELEASE message and enters the Release Request call state U19.

L3U_U100_V_002 subclause 5.3.4.2 TC11001

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message without Progress indicator information element,

sends a RELEASE message and enters the Release Request call state U19.

L3U_U100_V_003 clause 5 TC11002

Ensure that the IUT in the Active call state U10, on receipt of an INFORMATION message, sends no message and remains in the Active call state U10.

L3U_U100_V_004 subclause 5.6.2, 5.6.4, 5.9 TC11003

Ensure that the IUT in the Active call state U10, on receipt of a NOTIFY message, sends no message and remains in the Active call state U10.

L3U_U100_V_005 subclause 5.8.10 TC21002

Ensure that the IUT in the Active call state U10, on the first expiry of the mandatory (if status enquiry procedures are implemented) timer T322,

sends a STATUS ENQUIRY message and remains in the Active call state U10.

Selection: IUT supports initiation of status enquiry procedure. PICS: MCu 7.2.

L3U_U100_V_006 subclause 5.8.10 new TC

Ensure that the IUT in the Active call state U10, on expiry of the mandatory (if status enquiry procedures are implemented) timer T322 after the maximum number of retransmissions of STATUS ENQUIRY messages,

sends a RELEASE message with a Cause information element indicating the cause value 41 "temporary failure" and enters the Release Request call state U19.

Selection: IUT supports initiation of status enquiry procedure. PICS: MCu 7.2.

L3U_U100_V_007 subclause 5.8.10 TC11006

Ensure that the IUT in the Active call state U10, on receipt of a STATUS ENQUIRY message, sends a STATUS message with a Call state information element indicating the Active call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Active call state U10.

L3U_U100_V_008 subclause 2, 5.2 **new TC**

Ensure that the IUT in the Active call state U10 for CR1 and in the Null call state U00 for CR2, on receipt of a SETUP message with the Sending complete information element for CR2,

sends any of a CALL PROCEEDING, ALERTING or CONNECT message using CR2, enters the relevant call state Incoming Call Proceeding U09, Call Received U07 or Connect Request U08 for CR2 and remains in the Active call state U10 for CR1.

Selection: IUT supports incoming calls. PICS: MCu 2.

L3U_U100_V_009 subclause 2, 5.2 **new TC**

Ensure that the IUT in the Active call state U10 for CR1 and in the Connect Request call state U08, on receipt of a CONNECT ACKNOWLEDGE message for CR2,

sends no message using CR2, enters the Active call state U10 for CR2 and remains in the Active call state U10 for CR1.

Selection: IUT supports incoming calls. PICS: MCu 2.

L3U_U100_V_010 subclause 2, 5.1 **new TC**

Ensure that the IUT in the Active call state U10 for CR1 and in the Null call state U00 for CR2, to establish a call,

sends a SETUP message using CR2, enters the Call Initiated call state U01 for CR2 and remains in the Active call state U10 for CR1.

L3U_U100_V_011 subclause 2, 5.1 **new TC**

Ensure that the IUT in the Active call state U10 for CR1 and in the Call Delivered call state U04 for CR2, on receipt of a CONNECT message for CR2,

sends no message or a CONNECT ACKNOWLEDGE message using CR2, enters the Active call state U10 for CR2 and remains in the Active call state U10 for CR1.

6.2.10.2 Inopportune**L3U_U100_I_001 subclause 5.8** **new TC**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message delivered in a DL-UNIT-DATA-INDICATION,

sends no message and remains in the Active call state U10 or processes the message as valid.

L3U_U100_I_002 subclause 5.8.3.1 **TC11011**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message using the dummy call reference,

sends no message and remains in the Active call state U10.

L3U_U100_I_003 subclause 5.8.3.2 a) **new TC**

Ensure that the IUT in the Active call state U10 for CR1, on receipt of a DISCONNECT message for CR2 which is not recognized as relating to a call,

sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00 for CR2 and remains in the Active call state U10 for CR1.

L3U_U100_I_004 subclause 5.8.3.2 f) **TC11012**

Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message using the global call reference,

sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Active call state U10.

L3U_U100_I_005 subclause 5.8.4 **TC11008**

Ensure that the IUT in the Active call state U10, on receipt of an inopportune message (CONNECT),

sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Active call state U10.

- L3U_U100_I_006 subclause 5.8.4 TC11005**
Ensure that the IUT in the Active call state U10, on receipt of a RELEASE message, sends a RELEASE COMPLETE message and enters the Null call state U00.
- L3U_U100_I_007 subclause 5.8.4 TC11004**
Ensure that the IUT in the Active call state U10, on receipt of a RELEASE COMPLETE message, sends no message and enters the Null call state U00.
- L3U_U100_I_008 subclause 5.8.5.2 TC11014**
Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a duplicated Display information element (repetition not permitted), ignores the second occurrence of that information element and processes the remaining contents of the message as valid.
- L3U_U100_I_009 subclause 5.8.8 new TC**
Ensure that the IUT in the Active call state U10, on receipt of a DL-ESTABLISH-INDICATION, sends no message and remains in the Active call state U10.
- L3U_U100_I_010 subclause 5.8.9 new TC**
Ensure that the IUT in the Active call state U10, after having sent a DL-ESTABLISH-REQUEST in response to a DL-RELEASE-INDICATION, on receipt of a DL-ESTABLISH-CONFIRM, sends a STATUS message with a Cause information element indicating the cause value 31 "normal, unspecified" or a STATUS ENQUIRY message and remains in the Active call state U10.
- L3U_U100_I_011 subclause 5.8.11 TC11007**
Ensure that the IUT in the Active call state U10, on receipt of a STATUS message with a Call state information element indicating the Null call state, sends no message and enters the Null call state U00.
- 6.2.10.3 Syntactically invalid**
- L3U_U100_S_001 subclause 5.8.1 TC11009**
Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with an erroneous protocol discriminator, coded other than '08'H, sends no message and remains in the Active call state U10.
- L3U_U100_S_002 subclause 5.8.2 TC11023**
Ensure that the IUT in the Active call state U10, on receipt of a message which is too short, sends no message and remains in the Active call state U10.
- L3U_U100_S_003 subclause 5.8.3.1 TC11010**
Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with an invalid call reference format (octet 1, bits 8 to 5 ≠ '0000'B), sends no message and remains in the Active call state U10.
- L3U_U100_S_004 subclause 5.8.3.1 TC11022**
Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with an invalid call reference format (octet 1, bits 4 to 1, length value too high), sends no message and remains in the Active call state U10.
- L3U_U100_S_005 subclause 5.8.4 TC11021**
Ensure that the IUT in the Active call state U10, on receipt of a message with an unrecognized message type, sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Active call state U10.
- L3U_U100_S_006 subclause 5.8.5.1 TC11013**
Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a non-mandatory information element out of sequence, processes the message as valid.

- L3U_U100_S_007 subclause 5.8.6.1 TC11016**
 Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a mandatory information element missing,
 sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.
- L3U_U100_S_008 subclause 5.8.6.2 TC11017**
 Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a mandatory information element content error,
 sends a RELEASE message with a Cause information element indicating the cause value 100 "invalid information element contents" and enters the Release Request call state U19.
- L3U_U100_S_009 subclause 5.8.7.1, 5.8.6.1 TC11018**
 Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with an unrecognized information element (encoded comprehension required),
 sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.
- L3U_U100_S_010 subclause 5.8.7.1 TC11019**
 Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with an unrecognized information element (encoded comprehension not required),
 sends a RELEASE message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented" and enters the Release Request call state U19.
- L3U_U100_S_011 subclause 5.8.7.2 TC11020**
 Ensure that the IUT in the Active call state U10, on receipt of a DISCONNECT message with a non-mandatory information element content error,
 processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".
- 6.2.10.4 Active**
- L3U_U100_A_001 subclause 5.3.3 TC21003**
 Ensure that the IUT in the Active call state U10, to release the call,
 sends a DISCONNECT message and enters the Disconnect Request call state U11.
- L3U_U100_A_002 clause 5 new TC**
 Ensure that the IUT in the Active call state U10, to send information,
 sends an INFORMATION message and remains in the Active call state U10.
- L3U_U100_A_003 subclause 5.9 TC21004**
 Ensure that the IUT in the Active call state U10, to send notifications,
 sends a NOTIFY message and remains in the Active call state U10.
- L3U_U100_A_004 subclause 5.6.1 TC21005**
 Ensure that the IUT in the Active call state U10, to suspend the call without assigning a call identity,
 sends a SUSPEND message without the Call identity information element and enters the Suspend Request call state U15.
Selection: IUT supports initiation of call rearrangement. PICS: M_{Cu} 6.
- L3U_U100_A_005 subclause 5.6.1 new TC**
 Ensure that the IUT in the Active call state U10, to suspend the call with assigning a call identity,
 sends a SUSPEND message with the Call identity information element indicating a call identity value and enters the Suspend Request call state U15.
Selection: IUT supports initiation of call rearrangement. PICS: M_{Cu} 6 AND
 IUT supports the sending of the Call identify information element in a SUSPEND message. PICS: M_{Tu}23-IE2.

6.2.11 Disconnect Request call state U11 (Incoming call)

Selection: IUT supports incoming calls. PICS: MCu 2.

6.2.11.1 Valid**L3U_U11I_V_001 subclause 5.3.3 TC11105**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message, sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U11I_V_002 subclause 5.3.6 TC11101

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a DISCONNECT message, sends a RELEASE message and enters the Release Request call state U19.

L3U_U11I_V_003 clause 5 TC11102

Ensure that the IUT in the Disconnect Request call state U11, on receipt of an INFORMATION message, sends no message and remains in the Disconnect Request call state U11.

L3U_U11I_V_004 subclause 5.6.2, 5.6.4, 5.9 TC11103

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a NOTIFY message, sends no message and remains in the Disconnect Request call state U11.

L3U_U11I_V_005 subclause 5.3.3, 5.3.5 TC21006

Ensure that the IUT in the Disconnect Request call state U11, on expiry of the mandatory timer T305, sends a RELEASE message with a Cause information element indicating the same cause value as in the previously sent DISCONNECT message and enters the Release Request call state U19.

L3U_U11I_V_006 subclause 5.8.10 new TC

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a STATUS ENQUIRY message, sends a STATUS message with a Call state information element indicating the Disconnect Request call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Disconnect Request call state U11.

6.2.11.2 Inopportune**L3U_U11I_I_001 subclause 5.8 new TC**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message delivered in a DL-UNIT-DATA-INDICATION, sends no message and remains in the Disconnect Request call state U11 or processes the message as valid.

L3U_U11I_I_002 subclause 5.8.3.1 TC11110

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message using the dummy call reference, sends no message and remains in the Disconnect Request call state U11.

L3U_U11I_I_003 subclause 5.8.3.2 b) new TC

Ensure that the IUT in the Disconnect Request call state U11 for CR1, on receipt of a RELEASE message for CR2 which is not recognized as relating to a call, sends a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Null call state U00 for CR2 and remains in the Disconnect Request call state U11 for CR1.

L3U_U11I_I_004 subclause 5.8.3.2 e) new TC

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a SETUP message with a call reference that is already in use, sends no message and remains in the Disconnect Request call state U11.

L3U_U11I_I_005 **subclause 5.8.3.2 f)** **TC11111**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message using the global call reference,
sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Disconnect Request call state U11.

L3U_U11I_I_006 **subclause 5.8.4** **TC11107**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of an inopportune message (CALL PROCEEDING),
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Disconnect Request call state U11.

L3U_U11I_I_007 **subclause 5.8.4** **TC11104**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE COMPLETE message,
sends no message and enters the Null call state U00.

L3U_U11I_I_008 **subclause 5.8.5.2** **TC11113**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with a duplicated Display information element (repetition not permitted),
ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U11I_I_009 **subclause 5.8.8** **new TC**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a DL-ESTABLISH-INDICATION,
sends no message and remains in the Disconnect Request call state U11.

L3U_U11I_I_010 **subclause 5.8.11** **TC11106**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a STATUS message with a Call state information element indicating the Null call state,
sends no message and enters the Null call state U00.

6.2.11.3 **Syntactically invalid**

L3U_U11I_S_001 **subclause 5.8.1** **TC11108**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with an erroneous protocol discriminator, coded other than '08'H,
sends no message and remains in the Disconnect Request call state U11.

L3U_U11I_S_002 **subclause 5.8.2** **TC11122**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a message which is too short,
sends no message and remains in the Disconnect Request call state U11.

L3U_U11I_S_003 **subclause 5.8.3.1** **TC11109**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
sends no message and remains in the Disconnect Request call state U11.

L3U_U11I_S_004 **subclause 5.8.3.1** **TC11121**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Disconnect Request call state U11.

L3U_U11I_S_005 subclause 5.8.4 TC11120

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a message with an unrecognized message type,

sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Disconnect Request call state U11.

L3U_U11I_S_006 subclause 5.8.5.1 TC11112

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with a non-mandatory information element out of sequence,

processes the message as valid.

L3U_U11I_S_007 subclause 5.8.6.1 TC11115

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a DISCONNECT message with a mandatory information element missing,

sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.

L3U_U11I_S_008 subclause 5.8.6.2 TC11116

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a DISCONNECT message with a mandatory information element content error,

sends a RELEASE message with a Cause information element indicating the cause value 100 "invalid information element contents" and enters the Release Request call state U19.

L3U_U11I_S_009 subclause 5.8.7.1, 5.8.6.1 TC11117

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with an unrecognized information element (encoded comprehension required),

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Null call state U00.

L3U_U11I_S_010 subclause 5.8.7.1 TC11118

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with an unrecognized information element (encoded comprehension not required),

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented" and enters the Null call state U00.

L3U_U11I_S_011 subclause 5.8.7.2 TC11119

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with a non-mandatory information element content error,

processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.11.4 Active**L3U_U11I_A_001 clause 5 new TC**

Ensure that the IUT in the Disconnect Request call state U11, to send information,

sends an INFORMATION message and remains in the Disconnect Request call state U11.

6.2.12 Disconnect Request call state U11 (Outgoing call)

Selection: IUT supports outgoing calls. PICS: MCu 1.

6.2.12.1 Valid**L3U_U11O_V_001 subclause 5.3.3 TC11105**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message,

sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U11O_V_002 subclause 5.3.6 TC11101

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a DISCONNECT message,

sends a RELEASE message and enters the Release Request call state U19.

L3U_U11O_V_003 clause 5 TC11102

Ensure that the IUT in the Disconnect Request call state U11, on receipt of an INFORMATION message, sends no message and remains in the Disconnect Request call state U11.

L3U_U11O_V_004 subclause 5.6.2, 5.6.4, 5.9 TC11103

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a NOTIFY message, sends no message and remains in the Disconnect Request call state U11.

L3U_U11O_V_005 subclause 5.3.3, 5.3.5 TC21006

Ensure that the IUT in the Disconnect Request call state U11, on expiry of the mandatory timer T305, sends a RELEASE message with a Cause information element indicating the same cause value as in the previously sent DISCONNECT message and enters the Release Request call state U19.

L3U_U11O_V_006 subclause 5.8.10 new TC

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a STATUS ENQUIRY message,

sends a STATUS message with a Call state information element indicating the Disconnect Request call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Disconnect Request call state U11.

6.2.12.2 Inopportune**L3U_U11O_I_001 subclause 5.8 new TC**

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message delivered in a DL-UNIT-DATA-INDICATION,

sends no message and remains in the Disconnect Request call state U11 or processes the message as valid.

L3U_U11O_I_002 subclause 5.8.3.1 TC11110

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message using the dummy call reference,

sends no message and remains in the Disconnect Request call state U11.

L3U_U11O_I_003 subclause 5.8.3.2 b) new TC

Ensure that the IUT in the Disconnect Request call state U11 for CR1, on receipt of a RELEASE message for CR2 which is not recognized as relating to a call,

sends a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Null call state U00 for CR2 and remains in the Disconnect Request call state U11 for CR1.

L3U_U11O_I_004 subclause 5.8.3.2 f) TC11111

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message using the global call reference,

sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Disconnect Request call state U11.

L3U_U11O_I_005 subclause 5.8.4 TC11107

Ensure that the IUT in the Disconnect Request call state U11, on receipt of an inopportune message (CALL PROCEEDING),

sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Disconnect Request call state U11.

L3U_U11O_I_006 subclause 5.8.4 TC11104

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE COMPLETE message,

sends no message and enters the Null call state U00.

L3U_U110_I_007 subclause 5.8.5.2 TC11113
Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with a duplicated Display information element (repetition not permitted),
ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U110_I_008 subclause 5.8.8 new TC
Ensure that the IUT in the Disconnect Request call state U11, on receipt of a DL-ESTABLISH-INDICATION,
sends no message and remains in the Disconnect Request call state U11.

L3U_U110_I_009 subclause 5.8.11 TC11106
Ensure that the IUT in the Disconnect Request call state U11, on receipt of a STATUS message with a Call state information element indicating the Null call state,
sends no message and enters the Null call state U00.

6.2.12.3 Syntactically invalid

L3U_U110_S_001 subclause 5.8.1 TC11108
Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with an erroneous protocol discriminator, coded other than '08'H,
sends no message and remains in the Disconnect Request call state U11.

L3U_U110_S_002 subclause 5.8.2 TC11122
Ensure that the IUT in the Disconnect Request call state U11, on receipt of a message which is too short,
sends no message and remains in the Disconnect Request call state U11.

L3U_U110_S_003 subclause 5.8.3.1 TC11109
Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
sends no message and remains in the Disconnect Request call state U11.

L3U_U110_S_004 subclause 5.8.3.1 TC11121
Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Disconnect Request call state U11.

L3U_U110_S_005 subclause 5.8.4 TC11120
Ensure that the IUT in the Disconnect Request call state U11, on receipt of a message with an unrecognized message type,
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Disconnect Request call state U11.

L3U_U110_S_006 subclause 5.8.5.1 TC11112
Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with a non-mandatory information element out of sequence,
processes the message as valid.

L3U_U110_S_007 subclause 5.8.6.1 TC11115
Ensure that the IUT in the Disconnect Request call state U11, on receipt of a DISCONNECT message with a mandatory information element missing,
sends a RELEASE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Release Request call state U19.

L3U_U110_S_008 subclause 5.8.6.2 TC11116
Ensure that the IUT in the Disconnect Request call state U11, on receipt of a DISCONNECT message with a mandatory information element content error,
sends a RELEASE message with a Cause information element indicating the cause value 100 "invalid information element contents" and enters the Release Request call state U19.

L3U_U11O_S_009 subclause 5.8.7.1, 5.8.6.1 TC11117

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with an unrecognized information element (encoded comprehension required),
 sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Null call state U00.

L3U_U11O_S_010 subclause 5.8.7.1 TC11118

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with an unrecognized information element (encoded comprehension not required),
 sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented" and enters the Null call state U00.

L3U_U11O_S_011 subclause 5.8.7.2 TC11119

Ensure that the IUT in the Disconnect Request call state U11, on receipt of a RELEASE message with a non-mandatory information element content error,
 processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.12.4 Active**L3U_U11O_A_001 clause 5 new TC**

Ensure that the IUT in the Disconnect Request call state U11, to send information,
 sends an INFORMATION message and remains in the Disconnect Request call state U11.

6.2.13 Disconnect Indication call state U12 (Incoming call)

Selection: IUT supports incoming calls. PICS: MCu 2.

6.2.13.1 Valid**L3U_U12I_V_001 clause 5 new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of an INFORMATION message,
 sends no message and remains in the Disconnect Indication call state U12.

L3U_U12I_V_002 subclause 5.8.10 new TC

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a STATUS ENQUIRY message,
 sends a STATUS message with a Call state information element indicating the Disconnect Indication call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Disconnect Indication call state U12.

6.2.13.2 Inopportune**L3U_U12I_I_001 subclause 5.8 new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message delivered in a DL-UNIT-DATA-INDICATION,
 sends no message and remains in the Disconnect Indication call state U12 or processes the message as valid.

L3U_U12I_I_002 subclause 5.8.3.1 new TC

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message using the dummy call reference,
 sends no message and remains in the Disconnect Indication call state U12.

L3U_U12I_I_003 subclause 5.8.3.2 b) new TC

Ensure that the IUT in the Disconnect Indication call state U12 for CR1, on receipt of a RELEASE message for CR2 which is not recognized as relating to a call,
 sends a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Null call state U00 for CR2 and remains in the Disconnect Indication call state U12 for CR1.

L3U_U12I_I_004 **subclause 5.8.3.2 e)** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a SETUP message with a call reference that is already in use,
 sends no message and remains in the Disconnect Indication call state U12.

L3U_U12I_I_005 **subclause 5.8.3.2 f)** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message using the global call reference,
 sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Disconnect Indication call state U12.

L3U_U12I_I_006 **subclause 5.8.4** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of an inopportune message (CALL PROCEEDING),
 sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Disconnect Indication call state U12.

L3U_U12I_I_007 **subclause 5.8.4** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message,
 sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U12I_I_008 **subclause 5.8.4** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE COMPLETE message,
 sends no message and enters the Null call state U00.

L3U_U12I_I_009 **subclause 5.8.5.2** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with a duplicated Display information element (repetition not permitted),
 ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U12I_I_010 **subclause 5.8.8** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a DL-ESTABLISH-INDICATION,
 sends no message and remains in the Disconnect Indication call state U12.

L3U_U12I_I_011 **subclause 5.8.11** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a STATUS message with a Call state information element indicating the Null call state,
 sends no message and enters the Null call state U00.

6.2.13.3 **Syntactically invalid****L3U_U12I_S_001** **subclause 5.8.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with an erroneous protocol discriminator, coded other than '08'H,
 sends no message and remains in the Disconnect Indication call state U12.

L3U_U12I_S_002 **subclause 5.8.2** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a message which is too short,
 sends no message and remains in the Disconnect Indication call state U12.

L3U_U12I_S_003 **subclause 5.8.3.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
 sends no message and remains in the Disconnect Indication call state U12.

L3U_U12I_S_004 **subclause 5.8.3.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Disconnect Indication call state U12.

L3U_U12I_S_005 **subclause 5.8.4** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a message with an unrecognized message type,
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Disconnect Indication call state U12.

L3U_U12I_S_006 **subclause 5.8.5.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with a non-mandatory information element out of sequence,
processes the message as valid.

L3U_U12I_S_007 **subclause 5.8.7.1, 5.8.6.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with an unrecognized information element (encoded comprehension required),
sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Null call state U00.

L3U_U12I_S_008 **subclause 5.8.7.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with an unrecognized information element (encoded comprehension not required),
sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented" and enters the Null call state U00.

L3U_U12I_S_009 **subclause 5.8.7.2** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with a non-mandatory information element content error,
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.13.4 **Active****L3U_U12I_A_001** **subclause 5.3.4** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, to release the call,
sends a RELEASE message and enters the Release Request call state U19.

L3U_U12I_A_002 **clause 5** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, to send information,
sends an INFORMATION message and remains in the Disconnect Indication call state U12.

6.2.14 **Disconnect Indication call state U12 (Outgoing call)**

Selection: IUT supports outgoing calls. PICS: MCu 1.

6.2.14.1 **Valid****L3U_U12O_V_001** **clause 5** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of an INFORMATION message,
sends no message and remains in the Disconnect Indication call state U12.

L3U_U12O_V_002 subclause 5.8.10**new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a STATUS ENQUIRY message,

sends a STATUS message with a Call state information element indicating the Disconnect Indication call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Disconnect Indication call state U12.

6.2.14.2 Inopportune**L3U_U12O_I_001 subclause 5.8****new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message delivered in a DL-UNIT-DATA-INDICATION,

sends no message and remains in the Disconnect Indication call state U12 or processes the message as valid.

L3U_U12O_I_002 subclause 5.8.3.1**new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message using the dummy call reference,

sends no message and remains in the Disconnect Indication call state U12.

L3U_U12O_I_003 subclause 5.8.3.2 b)**new TC**

Ensure that the IUT in the Disconnect Indication call state U12 for CR1, on receipt of a RELEASE message for CR2 which is not recognized as relating to a call,

sends a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Null call state U00 for CR2 and remains in the Disconnect Indication call state U12 for CR1.

L3U_U12O_I_004 subclause 5.8.3.2 f)**new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message using the global call reference,

sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Disconnect Indication call state U12.

L3U_U12O_I_005 subclause 5.8.4**new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of an inopportune message (CALL PROCEEDING),

sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Disconnect Indication call state U12.

L3U_U12O_I_006 subclause 5.8.4**new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message,

sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U12O_I_007 subclause 5.8.4**new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE COMPLETE message,

sends no message and enters the Null call state U00.

L3U_U12O_I_008 subclause 5.8.5.2**new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with a duplicated Display information element (repetition not permitted),

ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U12O_I_009 **subclause 5.8.8** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a DL-ESTABLISH-INDICATION,

sends no message and remains in the Disconnect Indication call state U12.

L3U_U12O_I_010 **subclause 5.8.11** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a STATUS message with a Call state information element indicating the Null call state,

sends no message and enters the Null call state U00.

6.2.14.3 **Syntactically invalid****L3U_U12O_S_001** **subclause 5.8.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with an erroneous protocol discriminator, coded other than '08'H,

sends no message and remains in the Disconnect Indication call state U12.

L3U_U12O_S_002 **subclause 5.8.2** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a message which is too short,

sends no message and remains in the Disconnect Indication call state U12.

L3U_U12O_S_003 **subclause 5.8.3.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),

sends no message and remains in the Disconnect Indication call state U12.

L3U_U12O_S_004 **subclause 5.8.3.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),

sends no message and remains in the Disconnect Indication call state U12.

L3U_U12O_S_005 **subclause 5.8.4** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a message with an unrecognized message type,

sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Disconnect Indication call state U12.

L3U_U12O_S_006 **subclause 5.8.5.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with a non-mandatory information element out of sequence,

processes the message as valid.

L3U_U12O_S_007 **subclause 5.8.7.1, 5.8.6.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with an unrecognized information element (encoded comprehension required),

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 96 "mandatory information element missing" and enters the Null call state U00.

L3U_U12O_S_008 **subclause 5.8.7.1** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with an unrecognized information element (encoded comprehension not required),

sends a RELEASE COMPLETE message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented" and enters the Null call state U00.

L3U_U12O_S_009 **subclause 5.8.7.2** **new TC**

Ensure that the IUT in the Disconnect Indication call state U12, on receipt of a RELEASE message with a non-mandatory information element content error,

processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.14.4 Active**L3U_U12O_A_001 subclause 5.3.4 new TC**

Ensure that the IUT in the Disconnect Indication call state U12, to release the call, sends a RELEASE message and enters the Release Request call state U19.

L3U_U12O_A_002 clause 5 new TC

Ensure that the IUT in the Disconnect Indication call state U12, to send information, sends an INFORMATION message and remains in the Disconnect Indication call state U12.

6.2.15 Suspend Request call state U15 (Incoming call)

Selection: IUT supports incoming calls. PICS: MCu 2 AND
IUT supports initiation of call rearrangement. PICS: MCu 6.

6.2.15.1 Valid**L3U_U15I_V_001 subclause 5.6.2 TC11504**

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND ACKNOWLEDGE message, sends no message and enters the Null call state U00.

L3U_U15I_V_002 subclause 5.6.3 TC11508

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message, sends no message and enters the Active call state U10.

L3U_U15I_V_003 subclause 5.3.4.1 new TC

Ensure that the IUT in the Suspend Request call state U15, on receipt of a DISCONNECT message with a Progress indicator information element indicating the progress description value 8 "in-band information or appropriate pattern now available", sends no message and enters the Disconnect Indication call state U12 or sends a RELEASE message and enters the Release Request call state U19.

L3U_U15I_V_004 subclause 5.3.4.2 TC11501

Ensure that the IUT in the Suspend Request call state U15, on receipt of a DISCONNECT message without Progress indicator information element, sends a RELEASE message and enters the Release Request call state U19.

L3U_U15I_V_005 clause 5 TC11502

Ensure that the IUT in the Suspend Request call state U15, on receipt of an INFORMATION message, sends no message and remains in the Suspend Request call state U15

L3U_U15I_V_006 subclause 5.6.2, 5.6.4, 5.9 TC11503

Ensure that the IUT in the Suspend Request call state U15, on receipt of a NOTIFY message, sends no message and remains in the Suspend Request call state U15

L3U_U15I_V_007 subclause 5.6.3 TC21501

Ensure that the IUT in the Suspend Request call state U15, on expiry of the mandatory (if call rearrangement is implemented) timer T319, sends no message and enters the Active call state U10.

L3U_U15I_V_008 subclause 5.6.1 TC21502

Ensure that the IUT in the Suspend Request call state U15, while the mandatory (if call rearrangement is implemented) timer T319 is running, sends no message and remains in the Suspend Request call state U15.

L3U_U15I_V_009 subclause 5.8.10 TC11507

Ensure that the IUT in the Suspend Request call state U15, on receipt of a STATUS ENQUIRY message, sends a STATUS message with a Call state information element indicating the Suspend Request call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Suspend Request call state U15.

6.2.15.2 Inopportune**L3U_U15I_I_001 subclause 5.8 new TC**

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message delivered in a DL-UNIT-DATA-INDICATION,
sends no message and remains in the Suspend Request call state U15 or processes the message as valid.

L3U_U15I_I_002 subclause 5.8.3.1 TC11517

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message using the dummy call reference,
sends no message and remains in the Suspend Request call state U15.

L3U_U15I_I_003 subclause 5.8.3.2 a) new TC

Ensure that the IUT in the Suspend Request call state U15 for CR1, on receipt of a SUSPEND REJECT message for CR2 which is not recognized as relating to a call,
sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00 for CR2 and remains in the Suspend Request call state U15 for CR1.

L3U_U15I_I_004 subclause 5.8.3.2 e) new TC

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SETUP message with a call reference that is already in use,
sends no message and remains in the Suspend Request call state U15.

L3U_U15I_I_005 subclause 5.8.3.2 f) TC11518

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message using the global call reference,
sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Suspend Request call state U15.

L3U_U15I_I_006 subclause 5.8.4 TC11510

Ensure that the IUT in the Suspend Request call state U15, on receipt of an inopportune message (CALL PROCEEDING),
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Suspend Request call state U15.

L3U_U15I_I_007 subclause 5.8.4 TC11506

Ensure that the IUT in the Suspend Request call state U15, on receipt of a RELEASE message,
sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U15I_I_008 subclause 5.8.4 TC11505

Ensure that the IUT in the Suspend Request call state U15, on receipt of a RELEASE COMPLETE message,
sends no message and enters the Null call state U00.

L3U_U15I_I_009 subclause 5.8.5.2 TC11520

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with a duplicated Display information element (repetition not permitted),
ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U15I_I_010 subclause 5.8.8 new TC

Ensure that the IUT in the Suspend Request call state U15, on receipt of a DL-ESTABLISH-INDICATION,
sends no message and remains in the Suspend Request call state U15.

L3U_U15I_I_011 **subclause 5.8.11** **TC11509**
Ensure that the IUT in the Suspend Request call state U15, on receipt of a STATUS message with a Call state information element indicating the Null call state,
 sends no message and enters the Null call state U00.

6.2.15.3 **Syntactically invalid**

L3U_U15I_S_001 **subclause 5.8.1** **TC11515**
Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with an erroneous protocol discriminator, coded other than '08'H,
 sends no message and remains in the Suspend Request call state U15.

L3U_U15I_S_002 **subclause 5.8.2** **TC11514**
Ensure that the IUT in the Suspend Request call state U15, on receipt of a message which is too short,
 sends no message and remains in the Suspend Request call state U15.

L3U_U15I_S_003 **subclause 5.8.3.1** **TC11516**
Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
 sends no message and remains in the Suspend Request call state U15.

L3U_U15I_S_004 **subclause 5.8.3.1** **TC11513**
Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
 sends no message and remains in the Suspend Request call state U15.

L3U_U15I_S_005 **subclause 5.8.4** **TC11512**
Ensure that the IUT in the Suspend Request call state U15, on receipt of a message with an unrecognized message type,
 sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Suspend Request call state U15.

L3U_U15I_S_006 **subclause 5.8.5.1** **TC11511**
Ensure that the IUT in the Suspend Request call state U15, on receipt of a DISCONNECT message with a non-mandatory information element out of sequence,
 processes the message as valid.

L3U_U15I_S_007 **subclause 5.8.6.1** **TC11521**
Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with a mandatory information element missing,
 sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Suspend Request call state U15.

L3U_U15I_S_008 **subclause 5.8.6.2** **TC11522**
Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with a mandatory information element content error,
 sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents" and remains in the Suspend Request call state U15.

L3U_U15I_S_009 **subclause 5.8.7.1, 5.8.6.1** **TC11523**
Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with an unrecognized information element (encoded comprehension required),
 sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Suspend Request call state U15.

L3U_U15I_S_010 subclause 5.8.7.1 TC11524

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with an unrecognized information element (encoded comprehension not required), processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented".

L3U_U15I_S_011 subclause 5.8.7.2 TC11525

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with a non-mandatory information element content error, processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.15.4 Active

No active test purposes for this call state.

6.2.16 Suspend Request call state U15 (Outgoing call)

Selection: IUT supports outgoing calls. PICS: MCu 1 AND
IUT supports initiation of call rearrangement. PICS: MCu 6.

6.2.16.1 Valid**L3U_U15O_V_001 subclause 5.6.2 TC11504**

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND ACKNOWLEDGE message,
sends no message and enters the Null call state U00.

L3U_U15O_V_002 subclause 5.6.3 TC11508

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message,
sends no message and enters the Active call state U10.

L3U_U15O_V_003 subclause 5.3.4.1 new TC

Ensure that the IUT in the Suspend Request call state U15, on receipt of a DISCONNECT message with a Progress indicator information element indicating the progress description value 8 "in-band information or appropriate pattern now available",
sends no message and enters the Disconnect Indication call state U12 or sends a RELEASE message and enters the Release Request call state U19.

L3U_U15O_V_004 subclause 5.3.4.2 TC11501

Ensure that the IUT in the Suspend Request call state U15, on receipt of a DISCONNECT message without Progress indicator information element,
sends a RELEASE message and enters the Release Request call state U19.

L3U_U15O_V_005 clause 5 TC11502

Ensure that the IUT in the Suspend Request call state U15, on receipt of an INFORMATION message,
sends no message and remains in the Suspend Request call state U15

L3U_U15O_V_006 subclause 5.6.2, 5.6.4, 5.9 TC11503

Ensure that the IUT in the Suspend Request call state U15, on receipt of a NOTIFY message,
sends no message and remains in the Suspend Request call state U15

L3U_U15O_V_007 subclause 5.6.3 TC21501

Ensure that the IUT in the Suspend Request call state U15, on expiry of the mandatory (if call rearrangement is implemented) timer T319,
sends no message and enters the Active call state U10.

L3U_U15O_V_008 subclause 5.6.1 TC21502

Ensure that the IUT in the Suspend Request call state U15, while the mandatory (if call rearrangement is implemented) timer T319 is running,
sends no message and remains in the Suspend Request call state U15.

L3U_U150_V_009 subclause 5.8.10 TC11507

Ensure that the IUT in the Suspend Request call state U15, on receipt of a STATUS ENQUIRY message, sends a STATUS message with a Call state information element indicating the Suspend Request call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Suspend Request call state U15.

6.2.16.2 Inopportune**L3U_U150_I_001 subclause 5.8 new TC**

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message delivered in a DL-UNIT-DATA-INDICATION, sends no message and remains in the Suspend Request call state U15 or processes the message as valid.

L3U_U150_I_002 subclause 5.8.3.1 TC11517

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message using the dummy call reference, sends no message and remains in the Suspend Request call state U15.

L3U_U150_I_003 subclause 5.8.3.2 a) new TC

Ensure that the IUT in the Suspend Request call state U15 for CR1, on receipt of a SUSPEND REJECT message for CR2 which is not recognized as relating to a call, sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00 for CR2 and remains in the Suspend Request call state U15 for CR1.

L3U_U150_I_004 subclause 5.8.3.2 f) TC11518

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message using the global call reference, sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Suspend Request call state U15.

L3U_U150_I_005 subclause 5.8.4 TC11510

Ensure that the IUT in the Suspend Request call state U15, on receipt of an inopportune message (CALL PROCEEDING), sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Suspend Request call state U15.

L3U_U150_I_006 subclause 5.8.4 TC11506

Ensure that the IUT in the Suspend Request call state U15, on receipt of a RELEASE message, sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U150_I_007 subclause 5.8.4 TC11505

Ensure that the IUT in the Suspend Request call state U15, on receipt of a RELEASE COMPLETE message, sends no message and enters the Null call state U00.

L3U_U150_I_008 subclause 5.8.5.2 TC11520

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with a duplicated Display information element (repetition not permitted), ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U150_I_009 subclause 5.8.8 new TC

Ensure that the IUT in the Suspend Request call state U15, on receipt of a DL-ESTABLISH-INDICATION, sends no message and remains in the Suspend Request call state U15.

L3U_U15O_I_010 subclause 5.8.11 TC11509

Ensure that the IUT in the Suspend Request call state U15, on receipt of a STATUS message with a Call state information element indicating the Null call state,
sends no message and enters the Null call state U00.

6.2.16.3 Syntactically invalid**L3U_U15O_S_001 subclause 5.8.1 TC11515**

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with an erroneous protocol discriminator, coded other than '08'H,
sends no message and remains in the Suspend Request call state U15.

L3U_U15O_S_002 subclause 5.8.2 TC11514

Ensure that the IUT in the Suspend Request call state U15, on receipt of a message which is too short,
sends no message and remains in the Suspend Request call state U15.

L3U_U15O_S_003 subclause 5.8.3.1 TC11516

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
sends no message and remains in the Suspend Request call state U15.

L3U_U15O_S_004 subclause 5.8.3.1 TC11513

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Suspend Request call state U15.

L3U_U15O_S_005 subclause 5.8.4 TC11512

Ensure that the IUT in the Suspend Request call state U15, on receipt of a message with an unrecognized message type,
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Suspend Request call state U15.

L3U_U15O_S_006 subclause 5.8.5.1 TC11511

Ensure that the IUT in the Suspend Request call state U15, on receipt of a DISCONNECT message with a non-mandatory information element out of sequence,
processes the message as valid.

L3U_U15O_S_007 subclause 5.8.6.1 TC11521

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with a mandatory information element missing,
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Suspend Request call state U15.

L3U_U15O_S_008 subclause 5.8.6.2 TC11522

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with a mandatory information element content error,
sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents" and remains in the Suspend Request call state U15.

L3U_U15O_S_009 subclause 5.8.7.1, 5.8.6.1 TC11523

Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with an unrecognized information element (encoded comprehension required),
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Suspend Request call state U15.

L3U_U15O_S_010 subclause 5.8.7.1 TC11524
Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with an unrecognized information element (encoded comprehension not required),
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented".

L3U_U15O_S_011 subclause 5.8.7.2 TC11525
Ensure that the IUT in the Suspend Request call state U15, on receipt of a SUSPEND REJECT message with a non-mandatory information element content error,
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.16.4 Active

No active test purposes for this call state.

6.2.17 Resume Request call state U17

Selection: IUT supports initiation of call rearrangement. PICS: MCu 6.

6.2.17.1 Valid

L3U_U17_V_001 subclause 5.6.4 TC11703
Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME ACKNOWLEDGE message,
sends no message and enters the Active call state U10.

L3U_U17_V_002 subclause 5.6.5 TC11706
Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message,
sends no message and enters the Null call state U00.

L3U_U17_V_003 subclause 5.6.4, 5.6.5 TC21701
Ensure that the IUT in the Resume Request call state U17, on expiry of the mandatory (if call rearrangement procedures are implemented) timer T318,
sends a RELEASE message with a Cause information element indicating the cause value 102 "recovery on timer expiry" and enters the Release Request call state U19.

L3U_U17_V_004 subclause 5.3.4.2 TC11701
Ensure that the IUT in the Resume Request call state U17, on receipt of a DISCONNECT message,
sends a RELEASE message and enters the Release Request call state U19.

L3U_U17_V_005 subclause 5.8.10 TC11707
Ensure that the IUT in the Resume Request call state U17, on receipt of a STATUS ENQUIRY message,
sends a STATUS message with a Call state information element indicating the Resume Request call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Resume Request call state U17.

6.2.17.2 Inopportune

L3U_U17_I_001 subclause 5.8 new TC
Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message delivered in a DL-UNIT-DATA-INDICATION,
sends no message and remains in the Resume Request call state U17 or processes the message as valid.

L3U_U17_I_002 subclause 5.8.3.1 TC11716
Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message using the dummy call reference,
sends no message and remains in the Resume Request call state U17.

L3U_U17_I_003 **subclause 5.8.3.2 a)** **new TC**

Ensure that the IUT in the Resume Request call state U17 for CR1, on receipt of a RESUME REJECT message for CR2 which is not recognized as relating to a call,
sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00 for CR2 and remains in the Resume Request call state U17 for CR1.

L3U_U17_I_004 **subclause 5.8.3.2 f)** **TC11717**

Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message using the global call reference,
sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Resume Request call state U17.

L3U_U17_I_005 **subclause 5.8.4** **TC11709**

Ensure that the IUT in the Resume Request call state U17, on receipt of an inopportune message (CALL PROCEEDING),
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Resume Request call state U17.

L3U_U17_I_006 **subclause 5.8.4** **TC11705**

Ensure that the IUT in the Resume Request call state U17, on receipt of a RELEASE message,
sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U17_I_007 **subclause 5.8.4** **TC11704**

Ensure that the IUT in the Resume Request call state U17, on receipt of a RELEASE COMPLETE message,
sends no message and enters the Null call state U00.

L3U_U17_I_008 **subclause 5.8.5.2** **TC11718**

Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message with a duplicated Display information element (repetition not permitted),
ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U17_I_009 **subclause 5.8.8** **new TC**

Ensure that the IUT in the Resume Request call state U17, on receipt of a DL-ESTABLISH-INDICATION,
sends no message and remains in the Resume Request call state U17.

L3U_U17_I_010 **subclause 5.8.11** **TC11708**

Ensure that the IUT in the Resume Request call state U17, on receipt of a STATUS message with a Call state information element indicating the Null call state,
sends no message and enters the Null call state U00.

6.2.17.3 Syntactically invalid

L3U_U17_S_001 **subclause 5.8.1** **TC11714**

Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message with an erroneous protocol discriminator, coded other than '08'H,
sends no message and remains in the Resume Request call state U17.

L3U_U17_S_002 **subclause 5.8.2** **TC11713**

Ensure that the IUT in the Resume Request call state U17, on receipt of a message which is too short,
sends no message and remains in the Resume Request call state U17.

L3U_U17_S_003 subclause 5.8.3.1 TC11715

Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message with an invalid call reference format (octet 1, bits 8 to 5 ≠ '0000'B),
sends no message and remains in the Resume Request call state U17.

L3U_U17_S_004 subclause 5.8.3.1 TC11712

Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Resume Request call state U17.

L3U_U17_S_005 subclause 5.8.4 TC11711

Ensure that the IUT in the Resume Request call state U17, on receipt of a message with an unrecognized message type,
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Resume Request call state U17.

L3U_U17_S_006 subclause 5.8.5.1 TC11710

Ensure that the IUT in the Resume Request call state U17, on receipt of a DISCONNECT message with a non-mandatory information element out of sequence,
processes the message as valid.

L3U_U17_S_007 subclause 5.8.6.1 TC11720

Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message with a mandatory information element missing,
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Resume Request call state U17.

L3U_U17_S_008 subclause 5.8.6.2 TC11721

Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message with a mandatory information element content error,
sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents" and remains in the Resume Request call state U17.

L3U_U17_S_009 subclause 5.8.7.1, 5.8.6.1 TC11722

Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message with an unrecognized information element (encoded comprehension required),
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Resume Request call state U17.

L3U_U17_S_010 subclause 5.8.7.1 TC11723

Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message with an unrecognized information element (encoded comprehension not required),
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented".

L3U_U17_S_011 subclause 5.8.7.2 TC11724

Ensure that the IUT in the Resume Request call state U17, on receipt of a RESUME REJECT message with a non-mandatory information element content error,
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.17.4 Active

No active TPs for this call state.

6.2.18 Release Request call state U19 (Incoming call)

Selection: IUT supports incoming calls. PICS: MCu 2.

6.2.18.1 Valid

L3U_U19I_V_001 subclause 5.3.4 TC11903

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message,
sends no message and enters the Null call state U00.

L3U_U19I_V_002 subclause 5.3.6 TC11904

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE message,
sends no message and enters the Null call state U00.

L3U_U19I_V_003 subclause 5.3.6, 5.8.4 TC11901

Ensure that the IUT in the Release Request call state U19, on receipt of a DISCONNECT message,
sends no message and remains in the Release Request call state U19.

L3U_U19I_V_004 clause 5 TC11902

Ensure that the IUT in the Release Request call state U19, on receipt of an INFORMATION message,
sends no message and remains in the Release Request call state U19.

L3U_U19I_V_005 subclause 5.3.5 TC21001

Ensure that the IUT in the Release Request call state U19, on the first expiry of the mandatory timer T308,
sends a RELEASE message and remains in the Release Request call state U19.

L3U_U19I_V_006 subclause 5.3.5 new TC

Ensure that the IUT in the Release Request call state U19, on the second expiry of the mandatory timer T308,
sends no message and enters the Null call state U00.

L3U_U19I_V_007 subclause 5.8.10 TC11905

Ensure that the IUT in the Release Request call state U19, on receipt of a STATUS ENQUIRY message,
sends a STATUS message with a Call state information element indicating the Release Request call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Release Request call state U19.

6.2.18.2 Inopportune

L3U_U19I_I_001 subclause 5.8 new TC

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message delivered in a DL-UNIT-DATA-INDICATION,
sends no message and remains in the Release Request call state U19 or processes the message as valid.

L3U_U19I_I_002 subclause 5.8.3.1 TC11914

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message using the dummy call reference,
sends no message and remains in the Release Request call state U19.

L3U_U19I_I_003 subclause 5.8.3.2 c) new TC

Ensure that the IUT in the Release Request call state U19 for CR1, on receipt of a RELEASE COMPLETE message for CR2 which is not recognized as relating to a call,
sends no message for CR2 and remains in the Null call state U00 for CR2 and remains in the Release Request call state U19 for CR1.

L3U_U19I_I_004 subclause 5.8.3.2 e) new TC

Ensure that the IUT in the Release Request call state U19, on receipt of a SETUP message with a call reference that is already in use,
sends no message and remains in the Release Request call state U19.

- L3U_U19I_I_005** **subclause 5.8.3.2 f)** **TC11915**
 Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message using the global call reference,
 sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Release Request call state U19.
- L3U_U19I_I_006** **subclause 5.8.4** **TC11908**
 Ensure that the IUT in the Release Request call state U19, on receipt of an inopportune message (CALL PROCEEDING),
 sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Release Request call state U19.
- L3U_U19I_I_007** **subclause 5.8.5.2** **new TC**
 Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with a duplicated Display information element (repetition not permitted),
 ignores the second occurrence of that information element and processes the remaining contents of the message as valid.
- L3U_U19I_I_008** **subclause 5.8.8** **new TC**
 Ensure that the IUT in the Release Request call state U19, on receipt of a DL-ESTABLISH-INDICATION,
 sends no message and remains in the Release Request call state U19.
- L3U_U19I_I_009** **subclause 5.8.11** **TC11906**
 Ensure that the IUT in the Release Request call state U19, on receipt of a STATUS message with a Call state information element indicating the Null call state,
 sends no message and enters the Null call state U00.
- L3U_U19I_I_0010** **subclause 5.8.11** **TC11907**
 Ensure that the IUT in the Release Request call state U19, on receipt of a STATUS message with a Call state information element indicating a call state other than the Null call state,
 sends no message and remains in the Release Request call state U19.
- 6.2.18.3** **Syntactically invalid**
- L3U_U19I_S_001** **subclause 5.8.1** **TC11912**
 Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with an erroneous protocol discriminator, coded other than '08'H,
 sends no message and remains in the Release Request call state U19.
- L3U_U19I_S_002** **subclause 5.8.2** **TC11911**
 Ensure that the IUT in the Release Request call state U19, on receipt of a message which is too short,
 sends no message and remains in the Release Request call state U19.
- L3U_U19I_S_003** **subclause 5.8.3.1** **TC11913**
 Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
 sends no message and remains in the Release Request call state U19.
- L3U_U19I_S_004** **subclause 5.8.3.1** **TC11910**
 Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
 sends no message and remains in the Release Request call state U19.

L3U_U19I_S_005 subclause 5.8.4 TC11909

Ensure that the IUT in the Release Request call state U19, on receipt of a message with an unrecognized message type,
 sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Release Request call state U19.

L3U_U19I_S_006 subclause 5.8.5.1 TC11916

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with a non-mandatory information element out of sequence,
 processes the message as valid.

L3U_U19I_S_007 subclause 5.8.7.1, 5.8.6.1 TC11919

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with an unrecognized information element (encoded comprehension required),
 sends no message and enters the Null call state U00.

L3U_U19I_S_008 subclause 5.8.7.1 TC11920

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with an unrecognized information element (encoded comprehension not required),
 sends no message and enters the Null call state U00.

L3U_U19I_S_009 subclause 5.8.7.2 TC11921

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with a non-mandatory information element content error,
 processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.18.4 Active

No active TPs for this call state.

6.2.19 Release Request call state U19 (Outgoing call)

Selection: IUT supports outgoing calls. PICS: MCu 1.

6.2.19.1 Valid**L3U_U19O_V_001 subclause 5.3.4 TC11903**

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message,
 sends no message and enters the Null call state U00.

L3U_U19O_V_002 subclause 5.3.6 TC11904

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE message,
 sends no message and enters the Null call state U00.

L3U_U19O_V_003 subclause 5.3.6, 5.8.4 TC11901

Ensure that the IUT in the Release Request call state U19, on receipt of a DISCONNECT message,
 sends no message and remains in the Release Request call state U19.

L3U_U19O_V_004 clause 5 TC11902

Ensure that the IUT in the Release Request call state U19, on receipt of an INFORMATION message,
 sends no message and remains in the Release Request call state U19.

L3U_U19O_V_005 subclause 5.3.5 TC21001

Ensure that the IUT in the Release Request call state U19, on the first expiry of the mandatory timer T308,
 sends a RELEASE message and remains in the Release Request call state U19.

L3U_U190_V_006 subclause 5.3.5**new TC**

Ensure that the IUT in the Release Request call state U19, on the second expiry of the mandatory timer T308,

sends no message and enters the Null call state U00.

L3U_U190_V_007 subclause 5.8.10**TC11905**

Ensure that the IUT in the Release Request call state U19, on receipt of a STATUS ENQUIRY message, sends a STATUS message with a Call state information element indicating the Release Request call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Release Request call state U19.

6.2.19.2 Inopportune**L3U_U190_I_001 subclause 5.8****new TC**

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message delivered in a DL-UNIT-DATA-INDICATION,

sends no message and remains in the Release Request call state U19 or processes the message as valid.

L3U_U190_I_002 subclause 5.8.3.1**TC11914**

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message using the dummy call reference,

sends no message and remains in the Release Request call state U19.

L3U_U190_I_003 subclause 5.8.3.2 c)**new TC**

Ensure that the IUT in the Release Request call state U19 for CR1, on receipt of a RELEASE COMPLETE message for CR2 which is not recognized as relating to a call,

sends no message for CR2 and remains in the Null call state U00 for CR2 and remains in the Release Request call state U19 for CR1.

L3U_U190_I_004 subclause 5.8.3.2 f)**TC11915**

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message using the global call reference,

sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Release Request call state U19.

L3U_U190_I_005 subclause 5.8.4**TC11908**

Ensure that the IUT in the Release Request call state U19, on receipt of an inopportune message (CALL PROCEEDING),

sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Release Request call state U19.

L3U_U190_I_006 subclause 5.8.5.2**TC11917**

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with a duplicated Display information element (repetition not permitted),

ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U190_I_007 subclause 5.8.8**new TC**

Ensure that the IUT in the Release Request call state U19, on receipt of a DL-ESTABLISH-INDICATION, sends no message and remains in the Release Request call state U19.

L3U_U190_I_008 subclause 5.8.11**TC11906**

Ensure that the IUT in the Release Request call state U19, on receipt of a STATUS message with a Call state information element indicating the Null call state,

sends no message and enters the Null call state U00.

L3U_U19O_I_009 subclause 5.8.11 TC11907

Ensure that the IUT in the Release Request call state U19, on receipt of a STATUS message with a Call state information element indicating a call state other than the Null call state,
sends no message and remains in the Release Request call state U19.

6.2.19.3 Syntactically invalid**L3U_U19O_S_001 subclause 5.8.1 TC11912**

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with an erroneous protocol discriminator, coded other than '08'H,
sends no message and remains in the Release Request call state U19.

L3U_U19O_S_002 subclause 5.8.2 TC11911

Ensure that the IUT in the Release Request call state U19, on receipt of a message which is too short,
sends no message and remains in the Release Request call state U19.

L3U_U19O_S_003 subclause 5.8.3.1 TC11913

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
sends no message and remains in the Release Request call state U19.

L3U_U19O_S_004 subclause 5.8.3.1 TC11910

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Release Request call state U19.

L3U_U19O_S_005 subclause 5.8.4 TC11909

Ensure that the IUT in the Release Request call state U19, on receipt of a message with an unrecognized message type,
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains in the Release Request call state U19.

L3U_U19O_S_006 subclause 5.8.5.1 TC11916

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with a non-mandatory information element out of sequence,
processes the message as valid.

L3U_U19O_S_007 subclause 5.8.7.1, 5.8.6.1 TC11919

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with an unrecognized information element (encoded comprehension required),
sends no message and enters the Null call state U00.

L3U_U19O_S_008 subclause 5.8.7.1 TC11920

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with an unrecognized information element (encoded comprehension not required),
sends no message and enters the Null call state U00.

L3U_U19O_S_009 subclause 5.8.7.2 TC11921

Ensure that the IUT in the Release Request call state U19, on receipt of a RELEASE COMPLETE message with a non-mandatory information element content error,
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.19.4 Active

No active TPs for this call state.

6.2.20 Overlap Receiving call state U25

Selection: IUT supports incoming calls. PICS: M_{CU} 2 AND
IUT supports overlap receiving. PICS: M_{CU} 2.2.

6.2.20.1 Valid**L3U_U25_V_001 subclause 5.2.4 TC12502**

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of an INFORMATION message without sufficient called number information,
sends no message and remains in the Overlap Receiving call state U25.

L3U_U25_V_002 subclause 5.2.4 TC12503

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of an INFORMATION message with sufficient called number information,
sends any of a CALL PROCEEDING, ALERTING or CONNECT message and enters the relevant call state Incoming Call Proceeding U09, Call Received U07 or Connect Request U08.

L3U_U25_V_003 subclause 5.3.4.1 new TC

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message with a Progress indicator information element indicating the progress description value 8 "in-band information or appropriate pattern now available",
sends no message and enters the Disconnect Indication call state U12 or sends a RELEASE message and enters the Release Request call state U19.

L3U_U25_V_004 subclause 5.3.4.2 TC12501

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message without Progress indicator information element,
sends a RELEASE message and enters the Release Request call state U19.

L3U_U25_V_005 subclause 5.2.4 TC22501

Ensure that the IUT in the Overlap Receiving call state U25, on expiry of the mandatory (if overlap receiving is implemented) timer T302,
sends any of a CALL PROCEEDING, ALERTING or CONNECT message and enters the relevant call state Incoming Call Proceeding U09, Call Received U07 or Connect Request U08 or sends a DISCONNECT message with a Cause information element indicating the cause value 28 "invalid number format (incomplete number)" and enters the Disconnect Request call state U11.

L3U_U25_V_006 subclause 5.8.10 TC12506

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a STATUS ENQUIRY message,
sends a STATUS message with a Call state information element indicating the Overlap Receiving call state and a Cause information element indicating the cause value 30 "response to STATUS ENQUIRY", 97 "message type non-existent or not implemented" or 98 "message not compatible with call state" and remains in the Overlap Receiving call state U25.

6.2.20.2 Inopportune**L3U_U25_I_001 subclause 5.8 new TC**

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message delivered in a DL-UNIT-DATA-INDICATION,
sends no message and remains in the Overlap Receiving call state U25 or processes the message as valid.

L3U_U25_I_002 subclause 5.8.3.1 TC12511

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message using the dummy call reference,
sends no message and remains in the Overlap Receiving call state U25.

L3U_U25_I_003 **subclause 5.8.3.2 a)** **new TC**

Ensure that the IUT in the Overlap Receiving call state U25 for CR1, on receipt of a DISCONNECT message for CR2 which is not recognized as relating to a call,
sends a RELEASE or a RELEASE COMPLETE message for CR2 with a Cause information element indicating the cause value 81 "invalid call reference value" and enters the Release Request call state U19 or remains in the Null call state U00 for CR2 and remains in the Overlap Receiving call state U25 for CR1.

L3U_U25_I_004 **subclause 5.8.3.2 e)** **new TC**

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a SETUP message with a call reference that is already in use,
sends no message and remains in the Overlap Receiving call state U25.

L3U_U25_I_005 **subclause 5.8.3.2 f)** **TC12512**

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message using the global call reference,
sends a STATUS message using the global call reference with a Call state information element indicating the call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Overlap Receiving call state U25.

L3U_U25_I_006 **subclause 5.8.4** **TC12508**

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of an inopportune message (CONNECT),
sends either a STATUS message with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" or a STATUS ENQUIRY message and remains in the Overlap Receiving call state U25.

L3U_U25_I_007 **subclause 5.8.4** **TC12505**

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a RELEASE message,
sends a RELEASE COMPLETE message and enters the Null call state U00.

L3U_U25_I_008 **subclause 5.8.4** **TC12504**

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a RELEASE COMPLETE message,
sends no message and enters the Null call state U00.

L3U_U25_I_009 **subclause 5.8.5.2** **TC12514**

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message with a duplicated Display information element (repetition not permitted),
ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_U25_I_010 **subclause 5.8.8 a)** **new TC**

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DL-ESTABLISH-INDICATION,
sends a DISCONNECT message with a Cause information element indicating the cause value 41 "temporary failure" and enters the Disconnect Request call state U25.

L3U_U25_I_011 **subclause 5.8.11** **TC12507**

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a STATUS message with a Call state information element indicating the Null call state,
sends no message and enters the Null call state U00.

6.2.20.3 **Syntactically invalid**

L3U_U25_S_001 **subclause 5.8.1** **TC12509**

Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message with an erroneous protocol discriminator, coded other than '08'H,
sends no message and remains in the Overlap Receiving call state U25.

- L3U_U25_S_002** **subclause 5.8.2** **TC12523**
Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a message which is too short,
sends no message and remains in the Overlap Receiving call state U25.
- L3U_U25_S_003** **subclause 5.8.3.1** **TC12510**
Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message with
an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
sends no message and remains in the Overlap Receiving call state U25.
- L3U_U25_S_004** **subclause 5.8.3.1** **TC12522**
Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message with
an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Overlap Receiving call state U25.
- L3U_U25_S_005** **subclause 5.8.4** **TC12521**
Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a message with an
unrecognized message type,
sends either a STATUS message with a Cause information element indicating the cause value 98
"message type not compatible with call state or message type non-existent or not implemented" or
97 "message type non-existent or not implemented" or a STATUS ENQUIRY message and remains
in the Overlap Receiving call state U25.
- L3U_U25_S_006** **subclause 5.8.5.1** **TC12513**
Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message with
a non-mandatory information element out of sequence,
processes the message as valid.
- L3U_U25_S_007** **subclause 5.8.6.1** **TC12516**
Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message with
a mandatory information element missing,
sends a RELEASE message with a Cause information element indicating the cause value 96
"mandatory information element missing" and enters the Release Request call state U19.
- L3U_U25_S_008** **subclause 5.8.6.2** **TC12517**
Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message with
a mandatory information element content error,
sends a RELEASE message with a Cause information element indicating the cause value 100
"invalid information element contents" and enters the Release Request call state U19.
- L3U_U25_S_009** **subclause 5.8.7.1, 5.8.6.1** **TC12518**
Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message with
an unrecognized information element (encoded comprehension required),
sends a RELEASE message with a Cause information element indicating the cause value 96
"mandatory information element missing" and enters the Release Request call state U19.
- L3U_U25_S_010** **subclause 5.8.7.1** **TC12519**
Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message with
an unrecognized information element (encoded comprehension not required),
sends a RELEASE message with a Cause information element indicating the cause value 99
"information element non-existent or not implemented" and enters the Release Request call state
U19.
- L3U_U25_S_011** **subclause 5.8.7.2** **TC12520**
Ensure that the IUT in the Overlap Receiving call state U25, on receipt of a DISCONNECT message with
a non-mandatory information element content error,
processes the message as valid and optionally sends a STATUS message with a Cause
information element indicating the cause value 100 "invalid information element contents".

6.2.20.4 Active**L3U_U25_A_001 subclause 5.3.3 new TC**

Ensure that the IUT in the Overlap Receiving call state U25, to clear the call,
sends a DISCONNECT message and enters the Disconnect Request call state U11.

L3U_U25_A_002 subclause 5.2.6 TC22502

Ensure that the IUT in the Overlap Receiving call state U25, to give a progress indication,
sends a PROGRESS message and remains in the Overlap Receiving call state U25.

L3U_U25_A_003 clause 5 new TC

Ensure that the IUT in the Overlap Receiving call state U25, to send information,
sends an INFORMATION message and remains in the Overlap Receiving call state U25.

6.2.21 Restart null call state R00 (Incoming call)

Selection: IUT supports restart procedure (incoming RESTART message). PICS: MCu 5.1.

6.2.21.1 Valid**L3U_R00I_V_001 subclause 5.5.2 TC19003**

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message,
sends a RESTART ACKNOWLEDGE message and re-enters the Restart Null call state R00 and enters the Null call state U00.

L3U_R00I_V_002 subclause 5.5.3 new TC

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART ACKNOWLEDGE message,
sends no message and remains in the Restart Null call state R00 and the Active call state U10.

6.2.21.2 Inopportune**L3U_R00I_I_001 subclause 5.8 new TC**

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message delivered in a DL-UNIT-DATA-INDICATION,
sends no message and remains in the Restart Null call state R00 and the Active call state U10 or processes the message as valid.

L3U_R00I_I_002 subclause 5.8.3.1 TC19008

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message using the dummy call reference,
sends no message and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R00I_I_003 subclause 5.8.5.2 TC19010

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a duplicated Display information element (repetition not permitted),
ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

6.2.21.3 Syntactically invalid**L3U_R00I_S_001 subclause 5.8.1 TC19004**

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an erroneous protocol discriminator, coded other than '08'H,
sends no message and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R00I_S_002 subclause 5.8.2 TC19005

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a message using the global call reference which is too short,
sends no message and remains in the Restart Null call state R00 and the Active call state U10.

- L3U_R00I_S_003** **subclause 5.8.3.1** **TC19006**
Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
sends no message and remains in the Restart Null call state R00 and the Active call state U10.
- L3U_R00I_S_004** **subclause 5.8.3.1** **TC19007**
Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Restart Null call state R00 and the Active call state U10.
- L3U_R00I_S_005** **subclause 5.8.3.2 f)** **TC19001**
Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a message using the global call reference with an unrecognized message type,
sends a STATUS message using the global call reference with a Call state information element indicating the Restart null call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Restart Null call state R00 and the Active call state U10.
- L3U_R00I_S_006** **subclause 5.8.5.1** **TC19009**
Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a non-mandatory information element out of sequence,
processes the message as valid.
- L3U_R00I_S_007** **subclause 5.8.6.1** **TC19012**
Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a mandatory information element (Restart indicator) missing,
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Restart Null call state R00 and the Active call state U10.
- L3U_R00I_S_008** **subclause 5.5.2, 5.8.6.1** **new TC**
Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a mandatory information element (Channel identification, Restart indicator indicating "indicated channel") missing,
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Restart Null call state R00 and the Active call state U10.
- L3U_R00I_S_009** **subclause 5.8.6.2** **TC19013**
Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a mandatory information element (Restart indicator) content error,
sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents" and remains in the Restart Null call state R00 and the Active call state U10.
- L3U_R00I_S_010** **subclause 5.8.6.2** **TC19016**
Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a mandatory information element (Channel identification, Restart indicator indicating "indicated channel") content error,
sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents" and remains in the Restart Null call state R00 and the Active call state U10.
- L3U_R00I_S_011** **subclause 5.8.7.1, 5.8.6.1** **TC19014**
Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an unrecognized information element (encoded comprehension required),
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R00I_S_012 subclause 5.8.7.1 TC19015

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an unrecognized information element (encoded comprehension not required), processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented".

L3U_R00I_S_013 subclause 5.8.7.2 new TC

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a non-mandatory information element content error, processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

L3U_R00I_S_014 subclause 5.5.2, 5.8.7.3, 5.8.7.1 new TC

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an information element (Channel identification, Restart indicator indicating "all interfaces") that is not defined to be contained in that message, processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.21.4 Active**L3U_R00I_A_001 subclause 5.5.1 new TC**

Ensure that the IUT in the Restart Null call state R00 to return channels to an idle condition, sends a RESTART message and enters the Restart Request call state R01 and the Null call state U00.

6.2.22 Restart null call state R00 (Outgoing call)

Selection: IUT supports restart procedure (incoming RESTART message). PICS: MCu 5.1.

6.2.22.1 Valid**L3U_R00O_V_001 subclause 5.5.2 TC19003**

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message, sends a RESTART ACKNOWLEDGE message and re-enters the Restart Null call state R00 and enters the Null call state U00.

L3U_R00O_V_002 subclause 5.5.3 new TC

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART ACKNOWLEDGE message, sends no message and remains in the Restart Null call state R00 and the Active call state U10.

6.2.22.2 Inopportune**L3U_R00O_I_001 subclause 5.8 new TC**

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message delivered in a DL-UNIT-DATA-INDICATION, sends no message and remains in the Restart Null call state R00 and the Active call state U10 or processes the message as valid.

L3U_R00O_I_002 subclause 5.8.3.1 TC19008

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message using the dummy call reference, sends no message and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R00O_I_003 subclause 5.8.5.2 TC19010

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a duplicated Display information element (repetition not permitted), ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

6.2.22.3 Syntactically invalid

L3U_R000_S_001 subclause 5.8.1 TC19004

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an erroneous protocol discriminator, coded other than '08'H,
sends no message and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R000_S_002 subclause 5.8.2 TC19005

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a message using the global call reference which is too short,
sends no message and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R000_S_003 subclause 5.8.3.1 TC19006

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
sends no message and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R000_S_004 subclause 5.8.3.1 TC19007

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an invalid call reference format (octet 1, bits 4 to 1, length value too high),
sends no message and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R000_S_005 subclause 5.8.3.2 f) TC19001

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a message using the global call reference with an unrecognized message type,
sends a STATUS message using the global call reference with a Call state information element indicating the Restart null call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R000_S_006 subclause 5.8.5.1 TC19009

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a non-mandatory information element out of sequence,
processes the message as valid.

L3U_R000_S_007 subclause 5.8.6.1 TC19012

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a mandatory information element (Restart indicator) missing,
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R000_S_008 subclause 5.5.2, 5.8.6.1 new TC

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a mandatory information element (Channel identification, Restart indicator indicating "indicated channel") missing,
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R000_S_009 subclause 5.8.6.2 TC19013

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a mandatory information element (Restart indicator) content error,
sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents" and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R000_S_010 subclause 5.8.6.2 TC19016

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a mandatory information element (Channel identification, Restart indicator indicating "indicated channel") content error,
sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents" and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R000_S_011 subclause 5.8.7.1, 5.8.6.1 TC19014

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an unrecognized information element (encoded comprehension required),
sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Restart Null call state R00 and the Active call state U10.

L3U_R000_S_012 subclause 5.8.7.1 TC19015

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an unrecognized information element (encoded comprehension not required),
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented".

L3U_R000_S_013 subclause 5.8.7.2 new TC

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with a non-mandatory information element content error,
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

L3U_R000_S_014 subclause 5.5.2, 5.8.7.3, 5.8.7.1 new TC

Ensure that the IUT in the Restart Null call state R00 and the Active call state U10, on receipt of a RESTART message with an information element (Channel identification, Restart indicator indicating "all interfaces") that is not defined to be contained in that message,
processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.22.4 Active

L3U_R000_A_001 subclause 5.5.1 new TC

Ensure that the IUT in the Restart Null call state R00 to return channels to an idle condition,
sends a RESTART message and enters the Restart Request call state R01 and the Null call state U00.

6.2.23 Restart Request call state R01

Selection: IUT supports initiation of restart procedure. PICS: MCu 5.2.

6.2.23.1 Valid

L3U_R01_V_001 subclause 5.5.1 TC19104

Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message,
sends no message, returns the channels/interfaces to an idle condition and enters the Restart Null call state R00.

L3U_R01_V_002 subclause 5.5.1 new TC

Ensure that the IUT in the Restart Request call state R01, on receipt of a SETUP message with the Channel identification information element indicating a B-channel and indicating in the preferred/exclusive bit "exclusive: only the indicated channel is acceptable", when that B-channel is not in an idle condition,
sends a RELEASE COMPLETE message and remains in the Restart Request call state R01.

L3U_R01_V_003 **subclause 5.5.1** **TC29002**
 Ensure that the IUT in the Restart Request call state R01, on the first expiry of the mandatory (if restart procedures are implemented) timer T316,
 sends a RESTART message and remains in the Restart Request call state R01.

6.2.23.2 **Inopportune**

L3U_R01_I_001 **subclause 5.5.3, 5.8.4** **new TC**
 Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART message,
 sends a STATUS message using the global call reference with a Cause information element indicating the cause value 98 "message type not compatible with call state or message type non-existent or not implemented" or 101 "message not compatible with call state" and remains in the Restart Request call state R01.

L3U_R01_I_002 **subclause 5.8** **new TC**
 Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message delivered in a DL-UNIT-DATA-INDICATION,
 sends no message and remains in the Restart Request call state R01 or processes the message as valid.

L3U_R01_I_003 **subclause 5.8.3.1** **TC19108**
 Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message using the dummy call reference,
 sends no message and remains in the Restart Request call state R01.

L3U_R01_I_004 **subclause 5.8.3.2 f)** **new TC**
 Ensure that the IUT in the Restart Request call state R01, on receipt of an INFORMATION message using the global call reference,
 sends a STATUS message using the global call reference with a Call state information element indicating the Restart Request call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Restart Request call state R01.

L3U_R01_I_005 **subclause 5.8.5.2** **TC19010**
 Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with a duplicated Display information element (repetition not permitted),
 ignores the second occurrence of that information element and processes the remaining contents of the message as valid.

L3U_R01_I_006 **subclause 5.8.11** **TC19103**
 Ensure that the IUT in the Restart Request call state R01, on receipt of a STATUS message using the global call reference with a Call state information element indicating a call state that is incompatible with the Restart Request call state,
 sends no message and remains in the Restart Request call state R01.

6.2.23.3 **Syntactically invalid**

L3U_R01_S_001 **subclause 5.8.1** **TC19105**
 Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with an erroneous protocol discriminator, coded other than '08'H,
 sends no message and remains in the Restart Request call state R01.

L3U_R01_S_002 **subclause 5.8.2** **TC19106**
 Ensure that the IUT in the Restart Request call state R01, on receipt of a message using the global call reference which is too short,
 sends no message and remains in the Restart Request call state R01.

L3U_R01_S_003 **subclause 5.8.3.1** **TC19107**
 Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with an invalid call reference format (octet 1, bits 8 to 5 \neq '0000'B),
 sends no message and remains in the Restart Request call state R01.

L3U_R01_S_004 **subclause 5.8.3.1** **TC19102**

Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with an invalid call reference format (octet 1, bits 4 to 1, length value too high), sends no message and remains in the Restart Request call state R01.

L3U_R01_S_005 **subclause 5.8.3.2 f)** **TC19101**

Ensure that the IUT in the Restart Request call state R01, on receipt of a message using the global call reference with an unrecognized message type, sends a STATUS message using the global call reference with a Call state information element indicating the Restart Request call state associated with the global call reference and a Cause information element indicating the cause value 81 "invalid call reference value" and remains in the Restart Request call state R01.

L3U_R01_S_006 **subclause 5.8.5.1** **TC19109**

Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with a non-mandatory information element out of sequence, processes the message as valid.

L3U_R01_S_007 **subclause 5.8.6.1** **TC19112**

Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with a mandatory information element (Restart indicator) missing, sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Restart Request call state R01.

L3U_R01_S_008 **subclause 5.8.6.1** **new TC**

Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with a mandatory information element (Channel identification, Restart indicator indicating "indicated channel") missing, sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Restart Request call state R01.

L3U_R01_S_009 **subclause 5.8.6.2** **TC19113**

Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with a mandatory information element (Restart indicator) content error, sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents" and remains in the Restart Request call state R01.

L3U_R01_S_010 **subclause 5.8.6.2** **TC19116**

Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with a mandatory information element (Channel identification, Restart indicator indicating "indicated channel") content error, sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents" and remains in the Restart Request call state R01.

L3U_R01_S_011 **subclause 5.8.7.1, 5.8.6.1** **TC19114**

Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with an unrecognized information element (encoded comprehension required), sends a STATUS message with a Cause information element indicating the cause value 96 "mandatory information element missing" and remains in the Restart Request call state R01.

L3U_R01_S_012 **subclause 5.8.7.1** **TC19115**

Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with an unrecognized information element (encoded comprehension not required), processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 99 "information element non-existent or not implemented".

L3U_R01_S_013 **subclause 5.8.7.2** **new TC**

Ensure that the IUT in the Restart Request call state R01, on receipt of a RESTART ACKNOWLEDGE message with a non-mandatory information element content error, processes the message as valid and optionally sends a STATUS message with a Cause information element indicating the cause value 100 "invalid information element contents".

6.2.23.4 Active

No active TPs for this call state.

6.2.24 Message segmentation procedure

NOTE: The following TPs are used to test the behaviour of the IUT when using the message segmentation procedures. As an example these procedures are tested in the Active call state U10.

Selection: IUT supports message segmentation procedures. PICS: MCu 13.

6.2.24.1 Valid**L3U_SEG_V_001 clause H.3 a), b), c) new TC**

Ensure that the IUT in the Active call state U10, on receipt of a valid DISCONNECT message that is segmented and sent in two consecutive SEGMENT messages,
sends a RELEASE message and enters the Release Request call state U19.

6.2.24.2 Inopportune**L3U_SEG_I_001 clause H.3 d), f) new TC**

Ensure that the IUT in the Active call state U10, on receipt of a valid DISCONNECT message that is segmented and sent in two consecutive SEGMENT messages with a time delay between the two SEGMENT messages that is greater than T314,
sends no message and remains in the Active call state U10.

L3U_SEG_I_002 clause H.3 e) new TC

Ensure that the IUT in the Active call state U10, on receipt of a valid DISCONNECT message that is segmented and sent in nine consecutive SEGMENT messages,
sends no message and remains in the Active call state U10.

L3U_SEG_I_003 clause H.3 g) new TC

Ensure that the IUT in the Active call state U10, on receipt of a valid DISCONNECT message that is segmented and sent in three consecutive SEGMENT messages where the second SEGMENT message indicates in the Segmented message information element that two segments remain to be sent for that particular DISCONNECT message,
sends no message and remains in the Active call state U10.

L3U_SEG_I_004 clause H.3 h) new TC

Ensure that the IUT in the Active call state U10, on receipt of a valid DISCONNECT message that is segmented and sent in two consecutive SEGMENT messages where a DL-ESTABLISH-INDICATION primitive is received between the SEGMENT messages,
sends no message and remains in the Active call state U10.

L3U_SEG_I_005 clause H.3 i) new TC

Ensure that the IUT in the Active call state U10, on receipt of a valid DISCONNECT message that is segmented and sent in two consecutive SEGMENT messages where the first SEGMENT message indicates in the First segment indicator field of the Segmented message information element the value 0 "consecutive segment to first segment",
sends no message and remains in the Active call state U10.

L3U_SEG_I_006 clause H.3 j) new TC

Ensure that the IUT in the Active call state U10, on receipt of a valid DISCONNECT message that is segmented and sent in three consecutive SEGMENT messages where the second SEGMENT message contains no Segmented message information element,
sends no message and remains in the Active call state U10.

L3U_SEG_I_007 clause H.3 k)

new TC

Ensure that the IUT in the Active call state U10, on receipt of a valid DISCONNECT message that is segmented and sent in three consecutive SEGMENT messages where the second SEGMENT message contains no octets of the segmented message,
sends no message and remains in the Active call state U10.

6.2.24.3 Syntactically invalid

L3U_SEG_S_001 clause H.3 f)

new TC

Ensure that the IUT in the Active call state U10, on receipt of a valid DISCONNECT message that is segmented and sent in two consecutive SEGMENT messages where the first SEGMENT message does not contain a call reference,
sends no message and remains in the Active call state U10.

6.2.24.4 Active

L3U_SEG_A_001 clause H.2

new TC

Ensure that the IUT in the Active call state U10, to send a DISCONNECT message with a message length exceeding N201,
send this DISCONNECT message in two or more consecutive SEGMENT messages and enters the Disconnect Request call state U11.

7 Compliance

An ATS which complies with this TSS&TP specification shall:

- a) consist of a set of test cases corresponding to the set or to a subset of the TPs specified in clause 6;
- b) use a TSS which is an appropriate subset of the whole of the TSS specified in clause 5;
- c) use the same naming conventions for the test groups and test cases;
- d) maintain the relationship specified in clause 6 between the test groups and TPs and the entries in the PICS proforma to be used for test case deselection;
- e) comply with ISO/IEC 9646-2 [5].

In the case of a) or b) above, a subset shall be used only where a particular Abstract Test Method (ATM) makes some TPs untestable. All testable TPs from clause 6 shall be included in a compliant ATS.

8 Requirements for a comprehensive testing service

As a minimum the Remote test method, as specified in ISO/IEC 9646-2 [5], shall be used by any organization claiming to provide a comprehensive testing service for user equipment claiming conformance to ETS 300 403-1 [1] and ETS 300 403-2 [2].

History

Document history	
January 1996	Public Enquiry PE 99: 1996-01-01 to 1996-04-26