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

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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 ETS. Other parts specify the TSS&TP and the ATS and partial PIXIT proforma for the Network side of the T reference point or coincident S and T reference point of implementations conforming to ETS 300 403-1 [1] and ETS 300 403-2 [2].

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 (1993): "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 (TP): 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 (TSS)

- 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

- 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

6 Test purposes (TP)

6.1 Introduction

For each test requirement, a 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 are 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

TP part	Text	Example
Header	**<Identifier>** *tab* **<subclause reference in base ETS>** *tab* **<reference to I-ETS 300 322 test case>** *or* **new TC**	see table 1 **subclause 2.3.4** **TC10822** (see note 2)
Stimulus	Ensure that the IUT in the <basic call state> <trigger> *see below for message structure* *or* <goal>	 U00, U10, etc. on receipt of a XXXX message (see note 3) to request a ...
Reaction	<action> <conditions> *if the action is sending* *see below for message structure* <next action>, *etc.* and remains in the same state *or* and enters state <state>	sends, saves, does, etc. using en bloc sending, etc.
Message structure	<message type> message *a)* with a <info element> information element *b)* indicating in the <field name> <coding of the field> and *back to a) or b)*	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 specification ETS 300 403-3 [3]. The criteria applied include 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 $\neq$ '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 $\neq$ '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 $\neq$ '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 $\neq$ '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 $\neq$ '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: MCu 2 AND
IUT supports sending of a CALL PROCEEDING message. PICS MTu 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 ≠ '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 $\neq$ '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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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.

L3U_U10O_V_012 subclause 2, 5.1 new TC
Ensure that the IUT in the Active call state U10, on receipt of a SETUP message using the same call reference value with the Sending complete information element,
accepts the incoming call and remains in the Active call state U10 for the outgoing call.
Selection: IUT supports incoming calls. PICS: MCu 2.

6.2.10.2 Inopportune

L3U_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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 $\neq$ '0000'B),
sends no message and remains in the Active call state U10.

L3U_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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_U10O_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.

L3U_U10O_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 AND
IUT supports the sending of the Call identify information element in a SUSPEND message. PICS: MTu23-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_U11O_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_U11O_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_U11O_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_U11O_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_U11O_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_U11O_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_U11O_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_U11O_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_U11O_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_U11O_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_U11O_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 ≠ '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_U15O_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_U15O_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_U15O_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_U15O_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_U15O_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_U15O_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_U15O_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_U15O_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_U15O_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_U15O_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 ≠ '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 $\neq$ '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 ≠ '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_U19O_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_U19O_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_U19O_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_U19O_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_U19O_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_U19O_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_U19O_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_U19O_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_U19O_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_U19O_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 ≠ '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: MCu 2 AND
IUT supports overlap receiving. PICS: MCu 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 5.5.2
Ensure that the IUT in the Restart Null call state R00, on receipt of a RESTART message with the Restart indicator information element indicating “All interfaces”,
sends a RESTART ACKNOWLEDGE message with the Restart indicator information element indicating “All interfaces” and re-enters the Restart Null call state R00.

L3U_R00I_V_003 subclause 5.5.2
Ensure that the IUT in the Restart Null call state R00, on receipt of a RESTART message with the Restart indicator information element indicating “Single interfaces”,
sends a RESTART ACKNOWLEDGE message with the Restart indicator information element indicating “Single interfaces” and re-enters the Restart Null call state R00.

L3U_R00I_V_004 subclause 5.5.2
Ensure that the IUT in the Restart Null call state R00, on receipt of a RESTART message with the Restart indicator information element indicating “Indicated channels” and the Channel identification information element indicating a single B-channel,

sends a RESTART ACKNOWLEDGE message with the Restart indicator information element indicating “Indicated channels” and the Channel identification information element indicating the same B-channel and re-enters the Restart Null call state R00.

L3U_R00I_V_005 subclause 5.5.2
Ensure that the IUT in the Restart Null call state R00, on receipt of a RESTART message with the Restart indicator information element indicating “Indicated channels” and the Channel identification information element indicating two B-channels,

sends a RESTART ACKNOWLEDGE message with the Restart indicator information element indicating “Indicated channels” and indicating two B-channels in one or two Channel identification information elements and re-enters the Restart Null call state R00.

Selection: IUT supports the primary rate access. PICS: R 6.2.

L3U_R00I_V_006 subclause 5.5.2
Ensure that the IUT in the Restart Null call state R00, on receipt of a RESTART message with the Restart indicator information element indicating “Indicated channels” and indicating two B-channels in two Channel identification information elements,

sends a RESTART ACKNOWLEDGE message with the Restart indicator information element indicating “Indicated channels” and indicating two B-channels in one or two Channel identification information elements and re-enters the Restart Null call state R00.

Selection: IUT supports the primary rate access. PICS: R 6.2.

L3U_R00I_V_007 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 ≠ '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 5.5.2
Ensure that the IUT in the Restart Null call state R00, on receipt of a RESTART message with the Restart indicator information element indicating “All interfaces”,
sends a RESTART ACKNOWLEDGE message with the Restart indicator information element indicating “All interfaces” and re-enters the Restart Null call state R00.

L3U_R00O_V_003 subclause 5.5.2
Ensure that the IUT in the Restart Null call state R00, on receipt of a RESTART message with the Restart indicator information element indicating “Single interfaces”,
sends a RESTART ACKNOWLEDGE message with the Restart indicator information element indicating “Single interfaces” and re-enters the Restart Null call state R00.

L3U_R00O_V_004 subclause 5.5.2
Ensure that the IUT in the Restart Null call state R00, on receipt of a RESTART message with the Restart indicator information element indicating “Indicated channels” and the Channel identification information element indicating a single B-channel,
sends a RESTART ACKNOWLEDGE message with the Restart indicator information element indicating “Indicated channels” and the Channel identification information element indicating the same B-channel and re-enters the Restart Null call state R00.

L3U_R00O_V_005 subclause 5.5.2
Ensure that the IUT in the Restart Null call state R00, on receipt of a RESTART message with the Restart indicator information element indicating “Indicated channels” and the Channel identification information element indicating two B-channels,

sends a RESTART ACKNOWLEDGE message with the Restart indicator information element indicating “Indicated channels” and indicating two B-channels in one or two Channel identification information elements and re-enters the Restart Null call state R00.

Selection: IUT supports the primary rate access. PICS: R 6.2.

L3U_R00O_V_006 subclause 5.5.2
Ensure that the IUT in the Restart Null call state R00, on receipt of a RESTART message with the Restart indicator information element indicating “Indicated channels” and indicating two B-channels in two Channel identification information elements,

sends a RESTART ACKNOWLEDGE message with the Restart indicator information element indicating “Indicated channels” and indicating two B-channels in one or two Channel identification information elements and re-enters the Restart Null call state R00.

Selection: IUT supports the primary rate access. PICS: R 6.2.

L3U_R00O_V_007 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_R00O_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_R00O_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_R00O_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_R00O_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_R00O_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_R00O_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_R00O_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_R00O_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_R00O_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_R00O_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_R00O_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_R00O_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_R00O_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_R00O_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_R00O_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
October 1996	Vote	V 113:	1996-10-21 to 1996-12-13