

Final draft **EN 300 369-5** V1.2.3 (1999-06)

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*European Standard (Telecommunications series)*

**Integrated Services Digital Network (ISDN);  
Explicit Call Transfer (ECT) supplementary service;  
Digital Subscriber Signalling System No. one (DSS1) protocol;  
Part 5: Test Suite Structure and Test Purposes (TSS&TP)  
specification for the network**

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**Reference**

REN/SPS-05116-5 (3f190iq0.PDF)

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**Keywords**

ISDN, DSS1, supplementary service, ECT,  
TSS&TP, network

**ETSI**

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## Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Signalling Protocols and Switching (SPS), and is now submitted for the Voting phase of the ETSI standards Two-step Approval Procedure.

The present document is part 5 of a multi-part standard covering the Explicit Call Transfer (ECT) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; as described below:

- Part 1: "Protocol specification";
- Part 2: "Protocol Implementation Conformance Statement (PICS) proforma specification";
- Part 3: "Test Suite Structure and Test Purposes (TSS&TP) specification for the user";
- Part 4: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user";
- Part 5: "Test Suite Structure and Test Purposes (TSS&TP) specification for the network";**
- Part 6: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network".

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

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# 1 Scope

The present document specifies the Test Suite Structure and Test Purposes (TSS&TP) for the Network side of the T reference point or coincident S and T reference point (as defined in ITU-T Recommendation I.411 [7]) of implementations conforming to the stage three standard for the Explicit Call Transfer (ECT) supplementary service for the pan-European Integrated Services Digital Network (ISDN) by means of the Digital Subscriber Signalling System No. one (DSS1) protocol, EN 300 369-1 [1].

A further part of the present document specifies the Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma based on the present document. Other parts specify the TSS&TP and the ATS and partial PIXIT proforma for the User side of the T reference point or coincident S and T reference point of implementations conforming to EN 300 369-1 [1].

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# 2 References

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

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

- [1] EN 300 369-1 (V1.2): "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [2] EN 300 369-2 (V1.2): "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [3] ISO/IEC 9646-1: "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".
- [4] ISO/IEC 9646-2: "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract Test Suite specification".
- [5] EN 300 141-2 (V1.2.4): "Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS)proforma specification".
- [6] EN 300 196-1 (V1.2): "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [7] ITU-T Recommendation I.411 (1993): "ISDN user-network interfaces - Reference configurations".
- [8] EN 300 403-1: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 1: Protocol specification [ITU-T Recommendation Q.931 (1993), modified]".
- [9] ITU-T Recommendation I.112 (1993): "Vocabulary and terms for ISDNs".
- [10] ITU-T Recommendation E.164 (1997): "The international public telecommunication numbering plan".

- [11] ITU-T Recommendation I.210 (1993): "Principles of telecommunication services supported by an ISDN and the means to describe them".
- [12] EN 300 403-3 (V1.2): "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".
- [13] ETS 300 369-6: "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network".

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## 3 Definitions and abbreviations

### 3.1 Definitions

For the purposes of the present document, the following terms and definitions apply.

#### 3.1.1 Definitions related to conformance testing

**Abstract Test Suite (ATS):** refer to ISO/IEC 9646-1 [3]

**Implementation Under Test (IUT):** refer to ISO/IEC 9646-1 [3]

**Protocol Implementation Conformance Statement (PICS):** refer to ISO/IEC 9646-1 [3]

**PICS proforma:** refer to ISO/IEC 9646-1 [3]

**Protocol Implementation eXtra Information for Testing (PIXIT):** refer to ISO/IEC 9646-1 [3]

**PIXIT proforma:** refer to ISO/IEC 9646-1 [3]

**Test Purpose:** refer to ISO/IEC 9646-1 [3]

#### 3.1.2 Definitions related to EN 300 369-1

**Call Held auxiliary state:** see EN 300 196-1 [6], subclause 7.1.2

**Call Reference (CR):** see EN 300 403-1 [8], subclause 4.3

**component:** see EN 300 196-1 [6], subclause 3.1

**Idle auxiliary state:** see EN 300 196-1 [6], subclause 7.1.2

**Integrated Services Digital Network (ISDN):** see ITU-T Recommendation I.112 [9], definition 308

**ISDN number:** number conforming to the numbering and structure specified in CCITT Recommendation E.164 [10]

**invoke component:** see EN 300 196-1 [6], subclause 8.2.2.1. Where reference is made to an "xxxx" invoke component, an invoke component is meant with its operation value set to the value of the operation "xxxx"

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

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

**network (T):** DSS1 protocol entity at the Network side of the user-network interface where a T reference point applies (Network connected to Private ISDN)

**return error component:** see EN 300 196-1 [6], subclause 8.2.2.3. Where reference is made to an "xxxx" return error component, an return error component is meant with its operation value set to the value of the operation "xxxx"

**return result component:** see EN 300 196-1 [6], subclause 8.2.2.2. Where reference is made to an "xxxx" return result component, an return result component is meant with its operation value set to the value of the operation "xxxx"

**served user:** user who invokes the ECT supplementary service

**service; telecommunication service:** see ITU-T Recommendation I.112 [9], definition 201

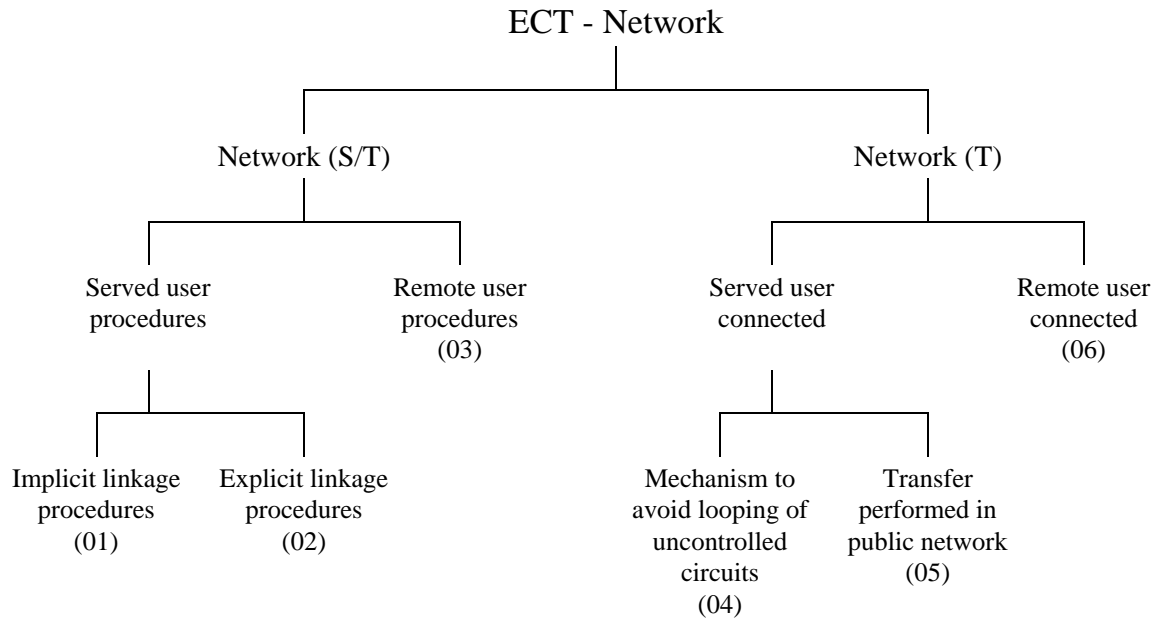
**supplementary service:** see ITU-T Recommendation I.210 [11], subclause 2.4

## 3.2 Abbreviations

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

(Held)	Call Held auxiliary state
(Idle)	Idle auxiliary state
ATM	Abstract Test Method
ATS	Abstract Test Suite
CR	Call Reference
CR1	CR for the first call in a TP
CR2	CR for the second call in a TP
CR3	CR for the third call in a TP
DSS1	Digital Subscriber Signalling System No. one
ECT	Explicit Call Transfer
ISDN	Integrated Services Digital Network
IUT	Implementation under test
N02	Overlap Sending call state
N03	Outgoing Call Proceeding call state
N04	Call Delivered call state
N06	Call Present call state
N07	Call Received call state
N08	Connect Request call state
N09	Incoming Call Proceeding call state
N10	Active call state
N12	Disconnect Indication call state
N19	Release Request call state
N25	Overlap Receiving call state
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
TP	Test Purpose
TSS	Test Suite Structure
U07	Call Received call state (user)
U08	Connect Request call state (user)
U10	Active call state (user)

## 4 Test Suite Structure (TSS)



NOTE: Numbers in brackets represent group numbers and are used in TP identifiers.

**Figure 1: Test suite structure**

## 5 Test Purposes (TP)

### 5.1 Introduction

For each test requirement a TP is defined.

#### 5.1.1 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 supplementary service and whether it applies to the network or the user (see table 1).

**Table 1: TP identifier naming convention scheme**

Identifier: <ss>_<iut><group>_<nnn>			
<ss>	=	supplementary service:	e.g. "ECT"
<iut>	=	type of IUT:	U      User N      Network
<group>	=	group	2 digit field representing group reference according to TSS
<nnn>	=	sequential number	(001-999)

#### 5.1.2 Source of TP definition

The TPs are based on EN 300 369-1 [1].



### 5.1.3 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 and this is illustrated in table 2. This table should be read in conjunction with any TP, i.e. use a TP as an example to fully understand the table.

**Table 2: Structure of a single TP**

TP Part	Text	Example
<b>Header</b>	<Identifier> <i>tab</i> <paragraph number in base EN> <i>tab</i> <type of test> <i>tab</i> <condition> <i>CR</i> .	see table 1 <b>subclause 0.0.0</b> <b>valid, invalid, inopportune</b> <b>mandatory, optional, conditional</b>
<b>Stimulus</b>	Ensure that the IUT in the <supplementary service state> and with CR1 in <basic call state> (<auxiliary state>) and with CR2 in <basic call state> (<auxiliary state>) and with CR3 in <basic call state> (<auxiliary state>) <trigger> <i>see below for message structure</i> <i>or</i> <goal>	ECT Request state N10 (Idle), N10 (Held), etc. " " receiving a XXXX message to request a ...
<b>Reaction</b>	<action> <conditions> <i>if the action is sending</i> <i>see below for message structure</i> <next action>, etc. and enters <supplementary service state> <i>and/or</i> and remains in the same state(s) <i>or</i> and enters state <state> with CR<number(s)>	sends, saves, does, etc. using en-bloc sending, ...
<b>Message structure</b>	<message type> message containing a a) <info element> information element with b) a <field name> encoded as <i>or</i> including <coding of the field> and <i>back to a or b</i> ,	SETUP, FACILITY, CONNECT, ...  Bearer capability, Facility, ...
<b>NOTE:</b>	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.	

### 5.1.4 Test strategy

As the base standard EN 300 369-1 [1] contains no explicit requirements for testing, the TPs were generated as a result of an analysis of the base standard and the PICS specification EN 300 369-2 [2]. 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.

## 5.2 Network TPs for ECT

All PICS items referred to in this subclause are as specified in EN 300 369-2 [2] unless indicated otherwise. Where there is a reference to the HOLD PICS this refers to EN 300 141-2 [5] and where there is a reference to the Basic Call PICS this refers to EN 300 403-3 [12].

Unless specified:

- The messages indicated are valid and contain at least the mandatory information elements and possibly optional information elements.
- The information elements indicated are valid and contain at least the mandatory parameters and possibly optional parameters.

## 5.2.1 Network (S/T)

**Selection:** IUT supports requirements at the coincident S and T reference point. PICS: R.3.1.

### 5.2.1.1 Served user procedures

#### 5.2.1.1.1 Implicit linkage procedures

##### **ECT\_N01\_001 subclauses 9.2.1.1, 9.2.3**                      **valid**                      **mandatory**

Ensure that the IUT in the ECT Idle state and with CR1 in state N10 (Held) and CR2 in state N10 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an EctExecute component, sends a DISCONNECT message with CR1 containing a Facility information element with a EctExecute return result component and enters state N12 (CR1);

sends a DISCONNECT message with CR2 and enters state N12 (CR2);

and remains in the same ECT state.

##### **ECT\_N01\_002 subclauses 9.2.1.1, 9.2.3**                      **valid**                      **optional**

Ensure that the IUT in the ECT Idle state and with CR1 in state N04 (Held) and CR2 in state N10 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an EctExecute component, sends a DISCONNECT message with CR1 containing a Facility information element with a EctExecute return result component and enters state N12 (CR1);

sends a DISCONNECT message with CR2 and enters state N12 (CR2);

and remains in the same ECT state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

##### **ECT\_N01\_003 subclauses 9.2.1.1, 9.2.3**                      **valid**                      **optional**

Ensure that the IUT in the ECT Idle state and with CR1 in state N10 (Held) and CR2 in state N04 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an EctExecute component, sends a DISCONNECT message with CR1 containing a Facility information element with a EctExecute return result component and enters state N12 (CR1);

sends a DISCONNECT message with CR2 and enters state N12 (CR2);

and remains in the same ECT state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

##### **ECT\_N01\_004 subclause 9.2.1.2**                      **inopportune**                      **mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

##### **ECT\_N01\_005 subclause 9.2.1.2**                      **inopportune**                      **optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N01\_006 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**ECT\_N01\_007 subclause 9.2.1.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component and the network recognizes a looping condition,

responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**ECT\_N01\_008 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component and the network recognizes a looping condition,

responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N01\_009 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component and the network recognizes a looping condition,

responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**ECT\_N01\_010 subclause 9.2.1.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component,

responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_011 subclause 9.2.1.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component,

responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_012 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component,

responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**ECT\_N01\_013 subclause 9.2.1.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N02 and CR1 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component,

responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_014 subclause 9.2.1.2****inopportune****mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N03 and CR1 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_015 subclause 9.2.1.2****inopportune****mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N06 and CR1 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_016 subclause 9.2.1.2****inopportune****mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N07 and CR1 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_017 subclause 9.2.1.2****inopportune****mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N09 and CR1 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_018 subclause 9.2.1.2****inopportune****mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N12 and CR1 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_019 subclause 9.2.1.2****inopportune****mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N19 and CR1 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_020 subclause 9.2.1.2****inopportune****optional**

Ensure that the IUT in the ECT Idle state with CR2 in call state N25 and CR1 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:** IUT supports overlap receiving. Basic Call PICS: MCn 2.2.

**ECT\_N01\_021 subclause 9.2.1.2****inopportune****mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N02 and CR1 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_022 subclause 9.2.1.2****inopportune****mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N03 and CR1 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_023 subclause 9.2.1.2****inopportune****mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N06 and CR1 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_024 subclause 9.2.1.2 inopportune mandatory**  
 Ensure that the IUT in the ECT Idle state with CR2 in call state N07 and CR1 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_025 subclause 9.2.1.2 inopportune mandatory**  
 Ensure that the IUT in the ECT Idle state with CR2 in call state N09 and CR1 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_026 subclause 9.2.1.2 inopportune mandatory**  
 Ensure that the IUT in the ECT Idle state with CR2 in call state N12 and CR1 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_027 subclause 9.2.1.2 inopportune mandatory**  
 Ensure that the IUT in the ECT Idle state with CR2 in call state N19 and CR1 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_028 subclause 9.2.1.2 inopportune optional**  
 Ensure that the IUT in the ECT Idle state with CR2 in call state N25 and CR1 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR2 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:** IUT supports overlap receiving. Basic Call PICS: MCn 2.2.

**ECT\_N01\_029 subclause 9.2.1.2 inopportune mandatory**  
 Ensure that the IUT in the ECT Idle state with CR2 in call state N02 and CR1 in call state N10 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_030 subclause 9.2.1.2 inopportune mandatory**  
 Ensure that the IUT in the ECT Idle state with CR2 in call state N03 and CR1 in call state N10 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_031 subclause 9.2.1.2 inopportune mandatory**  
 Ensure that the IUT in the ECT Idle state with CR2 in call state N06 and CR1 in call state N10 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_032 subclause 9.2.1.2 inopportune mandatory**  
 Ensure that the IUT in the ECT Idle state with CR2 in call state N07 and CR1 in call state N10 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_033 subclause 9.2.1.2 inopportune mandatory**  
 Ensure that the IUT in the ECT Idle state with CR2 in call state N09 and CR1 in call state N10 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_034 subclause 9.2.1.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N12 and CR1 in call state N10 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_035 subclause 9.2.1.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR2 in call state N19 and CR1 in call state N10 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**ECT\_N01\_036 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR2 in call state N25 and CR1 in call state N10 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:**IUT supports overlap receiving. Basic Call PICS: MCn 2.2.

**ECT\_N01\_037 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR2 in call state N02 and CR1 in call state N04 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:**IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**ECT\_N01\_038 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR2 in call state N03 and CR1 in call state N04 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:**IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**ECT\_N01\_039 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR2 in call state N06 and CR1 in call state N04 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:**IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**ECT\_N01\_040 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR2 in call state N07 and CR1 in call state N04 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:**IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**ECT\_N01\_041 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR2 in call state N09 and CR1 in call state N04 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:**IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**ECT\_N01\_42 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR2 in call state N12 and CR1 in call state N04 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**ECT\_N01\_43 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR2 in call state N19 and CR1 in call state N04 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**ECT\_N01\_44 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR2 in call state N25 and CR1 in call state N04 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1 and CR2 states.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT supports overlap receiving. Basic Call PICS: MCn 2.2.

**ECT\_N01\_045 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT, in the ECT Idle state with CR1 in call state N10 (Held), CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle), receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1, CR2 and CR3 states.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT supports 3 or more calls one of which may be held.

**ECT\_N01\_046 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT, in the ECT Idle state with CR1 in call state N10 (Held), CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle), receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1, CR2 and CR3 states.

**Selection:** IUT supports 3 or more calls one of which may be held.

**ECT\_N01\_047 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT, in the ECT Idle state with CR1 in call state N04 (Held), CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle), receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1, CR2 and CR3 states.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT supports 3 or more calls one of which may be held.

**ECT\_N01\_048 subclause 9.2.1.2 inopportune optional**

Ensure that the IUT, in the ECT Idle state with CR1 in call state N04 (Held), CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle), receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "invalidCallState" and remains in the same ECT, CR1, CR2 and CR3 states.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT supports 3 or more calls one of which may be held.

**ECT\_N01\_049 subclause 9.2.1.2                      inopportune                      mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component and the ECT supplementary service is invoked when another service is already activated and this service interaction is not allowed, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**ECT\_N01\_050 subclause 9.2.1.2                      inopportune                      optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component and the ECT supplementary service is invoked when another service is already activated and this service interaction is not allowed, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N01\_051 subclause 9.2.1.2                      inopportune                      optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an EctExecute component and the ECT supplementary service is invoked when another service is already activated and this service interaction is not allowed, responds with a FACILITY message with CR1 containing a Facility information element with an EctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**5.2.1.1.2                      Explicit linkage procedures**

**Selection:** IUT supports explicit linkage option. PICS: MC 10.

**ECT\_N02\_001 subclause 9.2.2.1.1                      valid                      optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle) receiving a valid FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and the request is accepted, responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component including a LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_002 subclause 9.2.2.1.1                      valid                      optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a valid FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and the request is accepted, responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component including a LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.



**ECT\_N02\_003 subclause 9.2.2.1.1 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a valid FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and the request is accepted,  
 responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component including a LinkId value and remains in the same ECT and call states.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_004 subclause 9.2.2.1.1 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a valid FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and the request is accepted,  
 responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component including a LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_005 subclause 9.2.2.1.1 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a valid FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and the request is accepted,  
 responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component including a LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_006 subclause 9.2.2.1.1 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a valid FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and the request is accepted,  
 responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component including a LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_007 subclauses 9.2.2.2.1, 9.2.3 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2,  
 releases the LinkId value;

sends a DISCONNECT message with CR1 containing a Facility information element with an ExplicitEctExecute return result component;

sends a DISCONNECT message with CR2;

and remains in the ECT and CR3 states and enters call state N12 with CR1 and CR2.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_008 subclauses 9.2.2.2.1, 9.2.3 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2,  
 releases the LinkId value;

sends a DISCONNECT message with CR1 containing a Facility information element with an ExplicitEctExecute return result component;

sends a DISCONNECT message with CR2;

and remains in the ECT and CR3 states and enters call state N12 with CR1 and CR2.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_009 subclauses 9.2.2.2.1, 9.2.3 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a previously assigned LinkId value,  
releases the LinkId value;

sends a DISCONNECT message with CR1 containing a Facility information element with an ExplicitEctExecute return result component;

sends a DISCONNECT message with CR2;

and remains in the ECT and CR3 states and enters call state N12 with CR1 and CR2.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_010 subclauses 9.2.2.2.1, 9.2.3 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2,  
releases the LinkId value;

sends a DISCONNECT message with CR1 containing a Facility information element with an ExplicitEctExecute return result component;

sends a DISCONNECT message with CR2;

and remains in the ECT state and enters call state N12 with CR1 and CR2.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_011 subclauses 9.2.2.2.1, 9.2.3 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2,  
releases the LinkId value;

sends a DISCONNECT message with CR1 containing a Facility information element with an ExplicitEctExecute return result component;

sends a DISCONNECT message with CR2;

and remains in the ECT state and enters call state N12 with CR1 and CR2.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_012 subclauses 9.2.2.2.1, 9.2.3 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with aLinkId value previously assigned on CR2,  
releases the LinkId value;

sends a DISCONNECT message with CR1 containing a Facility information element with an ExplicitEctExecute return result component;

sends a DISCONNECT message with CR2;

and remains in the ECT state and enters call state N12 with CR1 and CR2.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_013 subclause 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and where it is unable to allocate a LinkId,  
responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return error component indicating "resourceUnavailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_014 subclause 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and where it is unable to allocate a LinkId,  
responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return error component indicating "resourceUnavailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_015 subclause 9.2.2.1.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and where it is unable to allocate a LinkId,  
responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return error component indicating "resourceUnavailable" and remains in the same ECT and call states.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_016 subclause 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and where it is unable to allocate a LinkId,  
responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return error component indicating "resourceUnavailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_017 subclause 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and where it is unable to allocate a LinkId,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return error component indicating "resourceUnavailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_018 subclause 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and where it is unable to allocate a LinkId,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return error component indicating "resourceUnavailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_019 subclause 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and CR2 already has a LinkId allocated,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component carrying the previously assigned LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_020 subclause 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and CR2 already has a LinkId allocated,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component carrying the previously assigned LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_021 subclause 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and CR2 already has a LinkId allocated,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component carrying the previously assigned LinkId value and remains in the same ECT and call states.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_022 subclause 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and CR2 already has a LinkId allocated,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component carrying the previously assigned LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_023 subclause 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and CR2 already has a LinkId allocated,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component carrying the previously assigned LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_024 subclause 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and CR2 already has a LinkId allocated,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component carrying the previously assigned LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_025 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component (with valid LinkId value) and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_026 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component (with valid LinkId value) and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_027 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component (with valid LinkId value) and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_028 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component (with valid LinkId value) and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_029 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component (with valid LinkId value) and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_030 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component (with valid LinkId value) and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_031 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network recognizes a looping condition,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_032 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network recognizes a looping condition,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_033 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network recognizes a looping condition,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_034 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network recognizes a looping condition,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_035 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network recognizes a looping condition,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_036 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network recognizes a looping condition,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_037 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network cannot accept the transfer request due to internal network restrictions,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_038 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network cannot accept the transfer request due to internal network restrictions,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_039 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network cannot accept the request due to internal network restrictions,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_040 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network cannot accept the transfer request due to internal network restrictions,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_041 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network cannot accept the transfer request due to internal network restrictions,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.



**ECT\_N02\_042 subclause 9.2.2.2.2                      inopportune                      optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2 and the network cannot accept the transfer request due to internal network restrictions,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_043 subclause 9.2.2.2.2                      inopportune                      mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N02 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N02\_044 subclause 9.2.2.2.2                      inopportune                      mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N03 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N02\_045 subclause 9.2.2.2.2                      inopportune                      mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N06 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N02\_046 subclause 9.2.2.2.2                      inopportune                      mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N07 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N02\_047 subclause 9.2.2.2.2                      inopportune                      mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N09 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N02\_048 subclause 9.2.2.2.2                      inopportune                      mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N12 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N02\_049 subclause 9.2.2.2.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N19 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N02\_050 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N25 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports overlap receiving. Basic Call PICS: MCn 2.2.

**ECT\_N02\_051 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N02 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N02\_052 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N03 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N02\_053 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N06 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N02\_054 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N07 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N02\_055 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N09 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N02\_056 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N12 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N02\_057 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N19 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N02\_058 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N25 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports overlap receiving. Basic Call PICS: MCn 2.2.

**ECT\_N02\_059 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in state N04 (Idle) and CR2 in state N04 (Idle) and CR3 in call state N10 (Held) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_060 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Held) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_061 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Held) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2, responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_062 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2, responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_063 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N04 (Held) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2, responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_064 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Held) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with a LinkId value previously assigned on CR2, responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports HOLD in state N04.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_065 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value and another service is already activated and this service interaction is not allowed, responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_066 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value and another service is already activated and this service interaction is not allowed,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_067 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value and another service is already activated and this service interaction is not allowed,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_068 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value and another service is already activated and this service interaction is not allowed,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_069 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value and another service is already activated and this service interaction is not allowed,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_070 subclause 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value and another service is already activated and this service interaction is not allowed,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_071 subclause 9.2.2.2.2                    invalid                    optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N04 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component including a LinkId value which has not been assigned,  
 responds with a FACILITY message with CR1 containing a Facility information element with an  
 ExplicitEctExecute return error component indicating "LinkIdNotAssignedByNetwork" and remains in the same  
 ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_072 subclause 9.2.2.2.2                    invalid                    optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component including a LinkId value which has not been assigned,  
 responds with a FACILITY message with CR1 containing a Facility information element with an  
 ExplicitEctExecute return error component indicating "LinkIdNotAssignedByNetwork" and remains in the same  
 ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports HOLD in state N04. HOLD PICS: MC 3.2.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_073 subclause 9.2.2.2.2                    invalid                    optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Held) and CR2 in call state N10 (Idle) and CR3 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component including a LinkId value which has not been assigned,  
 responds with a FACILITY message with CR1 containing a Facility information element with an  
 ExplicitEctExecute return error component indicating "LinkIdNotAssignedByNetwork" and remains in the same  
 ECT and call states.

**Selection:** IUT can handle at least 2 active non-held calls and at least one held call, all on the same data link connection.

**ECT\_N02\_074 subclause 9.2.2.2.2                    invalid                    optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component including a LinkId value which has not been assigned,  
 responds with a FACILITY message with CR1 containing a Facility information element with an  
 ExplicitEctExecute return error component indicating "LinkIdNotAssignedByNetwork" and remains in the same  
 ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_075 subclause 9.2.2.2.2                    invalid                    optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component including a LinkId value which has not been assigned,  
 responds with a FACILITY message with CR1 containing a Facility information element with an  
 ExplicitEctExecute return error component indicating "LinkIdNotAssignedByNetwork" and remains in the same  
 ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**ECT\_N02\_076 subclause 9.2.2.2.2                    invalid                    optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component including a LinkId value which has not been assigned,  
 responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "LinkIdNotAssignedByNetwork" and remains in the same ECT and call states.

**Selection:** IUT supports ECT with neither call in the Held state PICS: MC 16.

**5.2.1.2                    Remote user procedures****ECT\_N03\_001 subclause 9.2.4                    valid                    mandatory**

Ensure that the IUT in state N10 in order to convey the following: information that the call has been transferred to another user in state U10; unrestricted number information of the user to which the call has been transferred to; and to request subaddress information,

sends a FACILITY message containing:

- a Notification indicator information element coded as "call transferred, active";
- a Redirection number information element containing:
  - presentation indicator = "presentation allowed";
  - numbering plan identifier = "ISDN/telephony numbering plan" or "unknown";
  - type of number = "international number", "national number" or "unknown"; and
  - the ISDN number of the other remote user;
- a Facility information element with a RequestSubaddress invoke component;

and remains in the same state.

**ECT\_N03\_002 subclause 9.2.4                    valid                    optional**

Ensure that the IUT in state N10, in order to convey the following: information that the call has been transferred to another user in state U10; restricted number information of the user to which the call has been transferred to; and to request subaddress information,

sends a FACILITY message containing:

- a Notification indicator information element coded as "call transferred, active";
- a Redirection number information element containing:
  - presentation indicator = "presentation restricted";
  - numbering plan identifier = "unknown";
  - type of number = "unknown"; and
  - no ISDN number;
- a Facility information element with a RequestSubaddress invoke component;

and remains in the same state.

**Selection:** IUT supports the COLR service.

**ECT\_N03\_003 subclause 9.2.4 valid mandatory**

Ensure that the IUT in state N10, in order to convey the following: information that the call has been transferred to another user in state U10; information that number information of the user to which the call has been transferred to is not available; and to request subaddress information,  
sends a FACILITY message containing:

a Notification indicator information element coded as "call transferred, active";

a Redirection number information element containing:

presentation indicator = "number not available due to interworking";

numbering plan identifier = "unknown";

type of number = "unknown";

no ISDN number;

a Facility information element with a RequestSubaddress invoke component;

and remains in the same state.

**ECT\_N03\_004 subclause 9.2.4 valid mandatory**

Ensure that the IUT in state N10, in order to convey subaddress information of another user,  
sends a FACILITY message containing a Facility information element with a SubaddressTransfer invoke component including the subaddress of the other user and remains in the same state.

**ECT\_N03\_005 subclause 9.2.5 valid optional**

Ensure that the IUT in state N10, in order to convey the information that the call has been transferred to a user in state U07, and to request subaddress information,  
sends a FACILITY message containing:

a Notification indicator information element coded as "call transferred, alerting";

a Facility information element with a RequestSubaddress invoke component;

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N03\_006 subclause 9.2.5 valid optional**

Ensure that the IUT in state N07 in order to convey the following: information that the call has been transferred to a user in state U10; unrestricted number information of the user to which the call has been transferred to,  
sends a NOTIFY message containing:

a Notification indicator information element coded as "call transferred, active";

a Redirection number information element containing:

presentation indicator = "presentation allowed";

numbering plan identifier = "ISDN/telephony numbering plan" or "unknown";

type of number = "international number", "national number" or "unknown"; and

the ISDN number of the other remote user;

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.



**ECT\_N03\_007 subclause 9.2.5 valid optional**

Ensure that the IUT in state N07, in order to convey the following: information that the call has been transferred to a user in state U10; and restricted number information of the user to which the call has been transferred to, sends a NOTIFY message containing:

a Notification indicator information element coded as "call transferred, active";

a Redirection number information element containing:

presentation indicator = "presentation restricted";

numbering plan identifier = "unknown";

type of number = "unknown"; and

no ISDN number;

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports the COLR service.

**ECT\_N03\_008 subclause 9.2.5 valid optional**

Ensure that the IUT in state N07 in order to convey the following: information that the call has been transferred to a user in state U10; and information that number information of the user to which the call has been transferred to is not available,

sends a NOTIFY message containing:

a Notification indicator information element coded as "call transferred, active";

a Redirection number information element containing:

presentation indicator = "number not available due to interworking";

numbering plan identifier = "unknown";

type of number = "unknown"; and

no ISDN number;

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N03\_009 subclause 9.2.5 valid optional**

Ensure that the IUT in state N07, in order to convey subaddress information of the other user, sends a FACILITY message containing a Facility information element with a SubaddressTransfer invoke component including the subaddress of the other user and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N03\_010 subclause 9.2.5                    valid                    optional**

Ensure that the IUT in state N10 in order to convey the following: information that the call has been transferred to a user in state U08; unrestricted number information of the user to which the call has been transferred to; and subaddress information of the other user,

sends a FACILITY message containing:

a Notification indicator information element coded as "call transferred, active";

a Redirection number information element containing:

presentation indicator = "presentation allowed";

numbering plan identifier = "ISDN/telephony numbering plan" or "unknown";

type of number = "international number", "national number" or "unknown"; and

the ISDN number of the other remote user;

a Facility information element with the SubaddressTransfer invoke component including the subaddress of the other remote user;

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N03\_011 subclause 9.2.5                    valid                    optional**

Ensure that the IUT in state N10, in order to convey the following: information that the call has been transferred to a user in state U08; and restricted number information of the user to which the call has been transferred to; and subaddress information of the other user,

sends a FACILITY message containing:

a Notification indicator information element coded as "call transferred, active";

a Redirection number information element containing:

presentation indicator = "presentation restricted";

numbering plan identifier = "unknown";

type of number = "unknown"; and

no ISDN number;

a Facility information element with the SubaddressTransfer invoke component including the subaddress of the other remote user;

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N03\_012 subclause 9.2.5 valid optional**

Ensure that the IUT in state N10, in order to convey the following: information that the call has been transferred to a user in state U08; and unknown number information of the user to which the call has been transferred to; and subaddress information of the other user,

sends a FACILITY message containing:

a Notification indicator information element coded as "call transferred, active";

a Redirection number information element containing:

presentation indicator = "number not available due to interworking";

numbering plan identifier = "unknown";

type of number = "unknown"; and

no ISDN number;

a Facility information element with the SubaddressTransfer invoke component including the subaddress of the other remote user;

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N03\_013 subclause 9.2.5 valid optional**

Ensure that the IUT in state N10, in order to convey the following: information that the call has been transferred to a user in state U08; and unrestricted number information of the user to which the call has been transferred to; and NO subaddress information of the other user,

sends a NOTIFY message containing:

a Notification indicator information element coded as "call transferred, active";

a Redirection number information element containing:

presentation indicator = "presentation allowed";

numbering plan identifier = "ISDN/telephony numbering plan" or "unknown";

type of number = "international number", "national number" or "unknown"; and

the ISDN number of the other remote user;

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N03\_014 subclause 9.2.5 valid optional**

Ensure that the IUT in state N10, in order to convey the following: information that the call has been transferred to a user in state U08; and restricted number information of the user to which the call has been transferred to; and NO subaddress information of the other user,

sends a NOTIFY message containing:

a Notification indicator information element coded as "call transferred, active";

a Redirection number information element containing:

presentation indicator = "presentation restricted";

numbering plan identifier = "unknown";

type of number = "unknown"; and

no ISDN number;

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports the COLR service.

**ECT\_N03\_015 subclause 9.2.5 valid optional**

Ensure that the IUT in state N10 in order to convey the following: information that the call has been transferred to a user in state U08; and unknown number information of the user to which the call has been transferred to; and NO subaddress information of the other user,

sends a NOTIFY message containing:

a Notification indicator information element coded as "call transferred, active";

a Redirection number information element containing:

presentation indicator = "number not available due to interworking";

numbering plan identifier = "unknown";

type of number = "unknown"; and

no ISDN number;

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**5.2.2 Network (T)****5.2.2.1 Served user connected****5.2.2.1.1 Mechanism to avoid looping of uncontrolled circuits**

**Selection:** IUT implements "the mechanism to avoid looping of uncontrolled circuits".  
PICS: MC 11.

**ECT\_N04\_001 subclause 10.3.1 valid mandatory**

Ensure that the IUT in the ECT Idle state and in state N10 (Idle) receiving a FACILITY message containing a Facility information element with an EctLoopTest invoke component and the IUT supports the loop checking for this particular call,

responds with a FACILITY message containing a Facility information element with an EctLoopTest return result component and remains in the same state.

**ECT\_N04\_002 subclause 10.3.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state and in state N10 (Idle) receiving a FACILITY message containing a Facility information element with an EctLoopTest invoke component and the IUT does not support the loop checking for this particular call,

responds with a FACILITY message containing a Facility information element with an EctLoopTest return error component indicating "notAvailable" and remains in the same state.

**ECT\_N04\_003 subclause 10.3 valid mandatory**

Ensure that the IUT in the ECT Idle state and in state N10 (Idle) receiving a FACILITY message containing a Facility information element with an EctLoopTest invoke component,

responds with a FACILITY message containing a Facility information element with an EctLoopTest return result component;

or

responds with a FACILITY message containing a Facility information element with an EctLoopTest return error component indicating "notAvailable".

And remains in the same state.

### 5.2.2.1.2 Call transfer performed by the public ISDN, served user is connected to the private ISDN

**Selection:** IUT supports procedures to invoke call transfer in the public network PICS: MC 15.

**ECT\_N05\_001 subclause 9.2.2.1.1 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a valid FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and the request is accepted,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component including a LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_002 subclause 10.4, 9.2.2.1.1 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a valid FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and the request is accepted,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component including a LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_003 subclause 10.4, 9.2.2.1.1 valid mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a valid FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and the request is accepted,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component including a LinkId value and remains in the same ECT and call states.

**ECT\_N05\_004 subclause 10.4, s 9.2.2.2.1, 9.2.3 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with aLinkId value previously assigned on CR2,  
releases the LinkId value;

sends a DISCONNECT message with CR1 containing a Facility information element with an ExplicitEctExecute return result component;

sends a DISCONNECT message with CR2;

and remains in the ECT state and enters call state N12 with CR1 and CR2.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_005 subclause 10.4, s 9.2.2.2.1, 9.2.3 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with aLinkId value previously assigned on CR2,  
releases the LinkId value;

sends a DISCONNECT message with CR1 containing a Facility information element with an ExplicitEctExecute return result component;

sends a DISCONNECT message with CR2;

and remains in the ECT state and enters call state N12 with CR1 and CR2.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_006 subclause 10.4, s 9.2.2.2.1, 9.2.3 valid mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a valid FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with aLinkId value previously assigned on CR2,  
releases the LinkId value;

sends a DISCONNECT message with CR1 containing a Facility information element with an ExplicitEctExecute return result component;

sends a DISCONNECT message with CR2;

and remains in the ECT state and enters call state N12 with CR1 and CR2.

**ECT\_N05\_007 subclause 10.4, 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and where it is unable to allocate a LinkId,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return error component indicating "resourceUnavailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_008 subclause 10.4, 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and where it is unable to allocate a LinkId,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return error component indicating "resourceUnavailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_009 subclause 10.4, 9.2.2.1.2 valid mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and where it is unable to allocate a LinkId,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return error component indicating "resourceUnavailable" and remains in the same ECT and call states.

**ECT\_N05\_010 subclause 10.4, 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and CR2 already has a LinkId allocated,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component carrying the previously assigned LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_011 subclause 10.4, 9.2.2.1.2 valid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and CR2 already has a LinkId allocated,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component carrying the previously assigned LinkId value and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_012 subclause 10.4, 9.2.2.1.2 valid mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest invoke component and CR2 already has a LinkId allocated,

responds with a FACILITY message with CR2 containing a Facility information element with an EctLinkIdRequest return result component carrying the previously assigned LinkId value and remains in the same ECT and call states.

**ECT\_N05\_013 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component (with valid LinkId value) and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_014 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component (with valid LinkId value) and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_015 subclause 10.4, 9.2.2.2.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component (with valid LinkId value) and the ECT supplementary service is not subscribed to,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notSubscribed" and remains in the same ECT and call states.

**ECT\_N05\_016 subclause 10.4, 9.2.2.2.2                      inopportune                      optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with aLinkId value previously assigned on CR2 and the network recognizes a looping condition,  
 responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_017 subclause 10.4, 9.2.2.2.2                      inopportune                      optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with aLinkId value previously assigned on CR2 and the network recognizes a looping condition,  
 responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_018 subclause 10.4, 9.2.2.2.2                      inopportune                      mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with aLinkId value previously assigned on CR2 and the network recognizes a looping condition,  
 responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**ECT\_N05\_019 subclause 10.4, 9.2.2.2.2                      inopportune                      optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with aLinkId value previously assigned on CR2 and the network cannot accept the transfer request due to internal network restrictions,  
 responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_020 subclause 10.4, 9.2.2.2.2                      inopportune                      optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with aLinkId value previously assigned on CR2 and the network cannot accept the transfer request due to internal network restrictions,  
 responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_021 subclause 10.4, 9.2.2.2.2                      inopportune                      mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with aLinkId value previously assigned on CR2 and the network cannot accept the transfer request due to internal network restrictions,  
 responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "notAvailable" and remains in the same ECT and call states.



**ECT\_N05\_022 subclause 10.4, 9.2.2.2.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N02 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N05\_023 subclause 10.4, 9.2.2.2.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N03 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N05\_024 subclause 10.4, 9.2.2.2.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N05 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N05\_025 subclause 10.4, 9.2.2.2.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N07 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N05\_026 subclause 10.4, 9.2.2.2.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N09 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N05\_027 subclause 10.4, 9.2.2.2.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N12 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N05\_028 subclause 10.4, 9.2.2.2.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N19 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N05\_029 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N25 and CR2 in call state N10 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports overlap receiving. Basic Call PICS: MCn 2.2.

**ECT\_N05\_030 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N02 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_031 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N03 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_032 subclause 10.4, 9.2.2.2.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N06 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**ECT\_N05\_033 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N07 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_034 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N09 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_035 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N12 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_036 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N19 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_037 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N25 and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**Selection:** IUT supports overlap receiving. Basic Call PICS: MCn 2.2.

**ECT\_N05\_038 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N04 (Idle) receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "invalidCallState" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_039 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value and another service is already activated and this service interaction is not allowed,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_040 subclause 10.4, 9.2.2.2.2 inopportune optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value and another service is already activated and this service interaction is not allowed,

responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_041 subclause 10.4, 9.2.2.2.2 inopportune mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component with valid LinkId value and another service is already activated and this service interaction is not allowed, responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "supplementaryServiceInteractionNotAllowed" and remains in the same ECT and call states.

**ECT\_N05\_042 subclause 10.4, 9.2.2.2.2 invalid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N04 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component including a LinkId value which has not been assigned, responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "LinkIdNotAssignedByNetwork" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_043 subclause 10.4, 9.2.2.2.2 invalid optional**

Ensure that the IUT in the ECT Idle state with CR1 in call state N04 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component including a LinkId value which has not been assigned, responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "LinkIdNotAssignedByNetwork" and remains in the same ECT and call states.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N05\_044 subclause 10.4, 9.2.2.2.2 invalid mandatory**

Ensure that the IUT in the ECT Idle state with CR1 in call state N10 (Idle) and CR2 in call state N10 (Idle) and receiving a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute invoke component including a LinkId value which has not been assigned, responds with a FACILITY message with CR1 containing a Facility information element with an ExplicitEctExecute return error component indicating "LinkIdNotAssignedByNetwork" and remains in the same ECT and call states.

**5.2.2.2 Remote user connected****ECT\_N06\_001 subclause 10.2.1 valid optional**

Ensure that the IUT in state N10, with a separate call to another user also in state N10, where the IUT knows that the call is to a user connected to a private ISDN, before completion of call transfer, sends a FACILITY message containing a Facility information element with a EctLoopTest invoke component and remains in the same state.

**Selection:** IUT implements "the mechanism to avoid looping of uncontrolled circuits".  
PICS: MC 11.

**ECT\_N06\_002 subclause 10.2.1****valid****mandatory**

Ensure that the IUT in state N10 in order to convey the following: information that the call has been transferred to another user in state U10; unrestricted number information of the user to which the call has been transferred to, sends a FACILITY message containing:

a Facility information element with an EctInform invoke component indicating that the other call is "active" and including a redirectionNumber parameter indicating:

presentationAllowedNumber (presentation indicator = "presentation allowed");

PartyNumber = publicPartyNumber or unknownPartyNumber

(numbering plan identifier = "ISDN/telephony numbering plan" or "unknown");

PublicTypeOfNumber = internationalNumber, nationalNumber or unknown

(type of number = "international number", "national number" or "unknown");

and remains in the same state.

**ECT\_N06\_003 subclause 10.2.1****valid****mandatory**

Ensure that the IUT in state N10 in order to convey the subaddress information of the other user, that user being in state U10 before transfer of the call,

sends a FACILITY message containing a Facility information element with the SubaddressTransfer invoke component including the subaddress of the other remote user and remains in the same state.

**ECT\_N06\_004 subclause 10.2.1****valid****optional**

Ensure that the IUT in state N10, on completion of call transfer in order to convey the information that the call has been transferred to another user in state U07,

sends a FACILITY message containing a Facility information element with a EctInform invoke component indicating that the other call is "alerting" and including no redirectionNumber parameter and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N06\_005 subclause 10.2.1****valid****optional**

Ensure that the IUT in state N10 in order to convey the following: information that the call has been transferred to a user in state U08; unrestricted number information and subaddress information of the user to which the call has been transferred to,

sends a FACILITY message containing:

a Facility information element with an EctInform invoke component indicating that the other call is now "active" and containing a redirectionNumber parameter indicating:

presentationAllowedNumber (presentation indicator = "presentation allowed");

PartyNumber = publicPartyNumber or unknownPartyNumber

(numbering plan identifier = "ISDN/telephony numbering plan" or "unknown");

PublicTypeOfNumber = internationalNumber, nationalNumber or unknown

(type of number = "international number", "national number" or "unknown");

a Facility information element with the SubaddressTransfer invoke component including the subaddress of the other remote user;

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

**ECT\_N06\_006 subclause 10.2.1****valid****optional**

Ensure that the IUT in state N10 in order to convey the following: information that the call has been transferred to a user in state U08; unrestricted number information of the user to which the call has been transferred to, sends a FACILITY message containing:

a Facility information element with an EctInform invoke component indicating that the other call is now "active" and containing a redirectionNumber parameter indicating:

presentationAllowedNumber (presentation indicator = "presentation allowed");

PartyNumber = publicPartyNumber or unknownPartyNumber

(numbering plan identifier = "ISDN/telephony numbering plan" or "unknown");

PublicTypeOfNumber = internationalNumber, nationalNumber or unknown

(type of number = "international number", "national number" or "unknown");

and remains in the same state.

**Selection:** IUT supports ECT from state N04. PICS: MC 11.

## 6 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 5;
- b) use a TSS which is an appropriate subset of the whole of the TSS specified in clause 4;
- c) use the same naming conventions for the test groups and test cases;
- d) maintain the relationship specified in clause 5 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 [4].

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.

## 7 Requirements for a comprehensive testing service

As a minimum the Remote test method, as specified in ISO/IEC 9646-2 [4], shall be used by any organization claiming to provide a comprehensive testing service for network equipment claiming conformance to EN 300 369-1 [1].

## Annex A (informative): Relationship with previous edition

The TPs in the present document have been renumbered from the first editions of ETS 300 369-5 and ETS 300 369-6 [13]. The relationship between the old and new numbers is given in table A.1. TPs identified in this table as equivalent are not necessarily identical.

**Table A.1: Mapping of test purpose identifiers.**

ETS 300 369-5 Edition 1	ETS 300 369-6 Edition 1	EN 300 369-5 (V1.2) EN 300 369-6 (V1.2)
ECT_N01_001 - 012	ECT_N01_001 - 012	ECT_N01_001 - 012
ECT_N01_018 - 024 (note)	ECT_N01_013 - 019	ECT_N01_013 - 019
ECT_N01_026 (note)	ECT_N01_020	ECT_N01_020
ECT_N01_013 - 017	ECT_N01_021 - 025	ECT_N01_021 - 025
ECT_N01_018 - 024 (note)	ECT_N01_026 - 032	ECT_N01_016 - 032
ECT_N01_025	ECT_N01_033	ECT_N01_033
ECT_N01_026 (note)	ECT_N01_034	ECT_N01_034
ECT_N01_027 - 043	ECT_N01_035 - 051	ECT_N01_035 - 051
ECT_N02_001 - 003	ECT_N02_001 - 003	ECT_N02_001 - 003
		ECT_N02_004 - 006
ECT_N02_004 - 006	ECT_N02_004 - 006	ECT_N02_007 - 009
		ECT_N02_010 - 012
ECT_N02_007 - 009	ECT_N02_007 - 009	ECT_N02_013 - 015
		ECT_N02_016 - 018
ECT_N02_010 - 012	ECT_N02_010 - 012	ECT_N02_019 - 021
		ECT_N02_022 - 024
ECT_N02_013 - 015	ECT_N02_013 - 015	ECT_N02_025 - 027
		ECT_N02_028 - 030
ECT_N02_016 - 018	ECT_N02_016 - 018	ECT_N02_031 - 033
		ECT_N02_034 - 036
ECT_N02_019 - 021	ECT_N02_019 - 021	ECT_N02_037 - 039
		ECT_N02_040 - 042
ECT_N02_022 - 037	ECT_N02_022 - 037	ECT_N02_043 - 058
ECT_N02_038 - 040	ECT_N02_038 - 040	Deleted
ECT_N02_041 - 046	ECT_N02_041 - 046	ECT_N02_059 - 064
ECT_N02_048, 049, 047	ECT_N02_048, 049, 047	ECT_N02_065 - 067
		ECT_N02_068 - 070
ECT_N02_050, 052, 051	ECT_N02_050, 052, 051	ECT_N02_071 - 073
		ECT_N02_074 - 076
ECT_N03_001 - 015	ECT_N03_001 - 015	ECT_N03_001 - 015
ECT_N04_001 - 003	ECT_N04_001 - 003	ECT_N04_001 - 003
		ECT_N05_001 - 044
ECT_N05_001 - 006	ECT_N05_001 - 006	ECT_N06_001 - 006

NOTE: In ETS 300 369-5 first edition the identifiers ECT\_N01\_018 to 024 and 026 are each used for two different test purposes.

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## History

<b>Document history</b>		
Edition 1	October 1996	Publication as ETS 300 369-5
V1.2.2	January 1999	Public Enquiry PE 9918: 1999-01-01 to 1999-04-30
V1.2.3	June 1999	Vote V 9935: 1999-06-14 to 1999-08-27