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Information technology — Telecommunications and information exchange between systems — X.25 DTE conformance testing —

Part 3:
Packet layer conformance test suite

Technologies de l'information — Télécommunications et échange d'information entre systèmes — Test de conformité X.25 DTE —

Partie 3: Suite d'essais de conformité pour la couche paquet

Reference number
ISO/IEC 8882-3:1995(E)

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development on International Standards through technical committees established by the respective organization to deal with particular fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 8882-3 was prepared by Joint Technical Committee ISO/IEC JTC1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

This second edition cancels and replaces the first edition (ISO/IEC 8882-3:1991), which has been technically revised.

ISO/IEC 8882 consists of the following parts, under the general title *Information technology -- Telecommunications and information exchange between systems -- X.25 DTE conformance testing:*

- *Part 1 : General principles*
- *Part 2 : Data link layer conformance test suite*
- *Part 3 : Packet layer conformance test suite*

Annex A of this part of IOS/IEC 8882 is for information only.

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Introduction

This part of ISO/IEC 8882 specifies a set of tests to evaluate Data Terminal Equipment (DTE) conformance to International Standards ISO/IEC 7776 (X.25 LAPB) and/or ISO/IEC 8208 (X.25 Packet Layer). ISO/IEC 7776 and ISO/IEC 8208 allow for a DTE to interface with a Data Circuit-Terminating Equipment (DCE) conforming to CCITT Recommendation X.25 or to another DTE conforming to ISO/IEC 7776 and/or ISO/IEC 8208. ISO/IEC 8208 also allows for connection to Local Area Networks.

CCITT Recommendation X.25 (1980) and X.25 (1984) are written from the perspective of a DCE and therefore do not explicitly specify the DTE operation. However, recommended operation of DTEs is included by implication because of the need to communicate with X.25 DCEs. Tests within this part of ISO/IEC 8882 pertaining to X.25 (1980) and X.25 (1984) are based on the DTE operational characteristics implied by CCITT X.25.

This part of ISO/IEC 8882 presents the packet layer aspects for evaluating conformance to ISO/IEC 8208 and follows the procedures and guidelines defined in ISO/IEC 9646.

Where it is claimed that X.25 is used to provide the OSI Network Layer Service, the conformance tests as defined in this part of ISO/IEC 8882 can be used to verify the implementation of the necessary protocol elements.

The test suite is presented in an abstract form by means of the test case notation TTCN, as defined in ISO/IEC 9646-3. This is an abstract set of tests. Not every test applies to every public network or every type of DTE.

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Information technology — Telecommunications and information exchange between systems — X.25 DTE conformance testing —

Part 3:
Packet layer conformance test suite

1 Scope

This part of ISO/IEC 8882 specifies a set of abstract tests for verifying that the implementation of X.25 protocols, for use by Data Terminal Equipment (DTE), conform to the requirements of International Standards that specify those protocols.

This part of ISO/IEC 8882

a) specifies a PIXIT proforma;

b) describes the relationship of the PICS to the test suite;

c) describes the relationship of the PIXIT to the test suite;

d) specifies a set of abstract tests using TTCN Graphical notation.

This part of ISO/IEC 8882 defines the testing of a DTE operating at the packet layer designed to access a public or private packet-switched network conforming to CCITT Recommendation X.25 (1980, 1984), or another DTE conforming to ISO/IEC 8208. The specification of test cases in executable/machine processable TTCN is outside the scope of this part of ISO/IEC 8882.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC 8882. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO/IEC 8882 are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards, and ITU-T maintains published editions of its current Recommendations.

ISO/IEC 7498-1: 1994, *Information technology -- Open Systems Interconnection -- Basic Reference Model: The Basic Model (See also CCITT Recommendation X.200).*

ISO/IEC 7776: 1995, *Information technology -- Telecommunications and information exchange systems -- High-level data link control procedures -- Description of the X.25 LAPB-compatible DTE data link procedures.*

ISO/IEC 8208: 1990, *Information technology -- Data communications -- X.25 Packet Layer Protocol for Data Terminal Equipment.*

ISO/IEC 8208/Amd.1: 1990, *Information technology -- Data communications -- X.25 Packet Layer Protocol for Data Terminal Equipment -- Amendment 1: Alternative Logical Channel Identifier Assignment.*

ISO/IEC 8208/Amd. 3: 1991, *Information technology -- Data communications -- X.25 Packet Layer Protocol for Data Terminal Equipment -- Amendment 3: Conformance requirements.*

ISO/IEC 8824: 1990, *Information technology -- Open Systems Interconnection -- Specification of Abstract Syntax Notation One (ASN.1) (See also CCITT Recommendation X.680).*

ISO/IEC 8882-1: 1993, *Information technology -- Telecommunications and information exchange between systems -- X.25-DTE conformance testing -- Part 1: General principles.*

ISO/IEC 8886: 1992, *Information technology -- Telecommunications and information exchange between systems -- Data link service definition for Open Systems Interconnection.*

ISO/IEC 9646-1: 1994, *Information technology -- Open Systems Interconnection -- Conformance testing methodology and framework -- Part 1: General concepts. (See also CCITT Recommendation X.290).*

ISO/IEC 9646-2: 1994, *Information technology -- Open Systems Interconnection -- Conformance testing methodology and framework -- Part 2: Abstract Test Suite specification. (See also CCITT Recommendation X.291).*

ISO/IEC 9646-3: 1992, *Information technology -- Open Systems Interconnection -- Conformance testing meth-*

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odology and framework -- Part 3: The Tree and Tabular Combined Notation (TTCN).

ISO/IEC 9646-4: 1994, *Information technology -- Open Systems Interconnection -- Conformance testing methodology and framework -- Part 4: Test realization. (See also CCITT Recommendation X.293).*

ISO/IEC 9646-5: 1994, *Information technology -- Open Systems Interconnection -- Conformance testing methodology and framework -- Part 5: Requirements on test laboratories and clients for the conformance assessment process. (See also CCITT Recommendation X.294).*

CCITT Recommendation X.25 (1980), *Interface Between Data Terminating Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for Terminals Operating in the Packet Mode on the Public Data Networks.*

CCITT Recommendation X.25 (1984), *Interface Between Data Terminating Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for terminals operating in the Packet Mode on the Public Data Networks by Dedicated Circuit.*

CCITT Recommendation X.25 (1988), *Interface Between Data Terminal Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for terminals operating in the Packet Mode and connected to Public Data Networks by Dedicated Circuit, CCITT Blue Book.*

3 Definitions

3.1 Reference model definitions

This part of ISO/IEC 8882 makes use of the following term defined in ISO/IEC 7498-1:

(N)-protocol-data-unit (N-PDU)

3.2 Conformance testing definitions

This part of ISO/IEC 8882 makes use of the following terms defined in ISO/IEC 9646.

a) Abstract Test Suite
b) Conforming System or Implementation
c) Conformance Test Suite
d) Conformance Testing
e) Executable Test Suite
f) Postamble
g) Preamble
h) Protocol Implementation Conformance Statement
i) Protocol Implementation eXtra Information for Testing
j) Test Group
k) Test Step
l) Test Suite

3.3 X.25-DTE conformance testing definitions

This part of ISO/IEC 8882 makes use of the following terms defined in ISO/IEC 8882-1.

a) Improper PDU
b) Inopportune PDU
c) Proper PDU
d) Test Subgroup
e) Test Selection
f) Tester
g) Transient States

3.4 Additional definitions

For the purposes of this part of ISO/IEC 8882, the following definitions apply.

3.4.1 proper packet : A packet that is a proper PDU.

3.4.2 improper packet : A packet that is an improper PDU.

3.4.3 inopportune packet : A packet that is an inopportune PDU.

4 Abbreviations

The following abbreviations are used in this part of ISO/IEC 8882:

ADX	Address
ASP	Abstract Service Primitive
ATS	Abstract Test Suite
ETS	Executable Test Suite
FAC	Facility
IUT	Implementation Under Test
LCI	Logical Channel Identifier
LEN	Length
PCO	Point of Control and Observation
PDU	Protocol Data Unit

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PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
PKT	Packet
PLG	Packet Layer Group
RX	Receive
TST	Tester
TX	Transmit
UDF	User Data Field

5 Conformance

The test realizer shall comply with the requirements of ISO/IEC 9646-4. In particular, these concern the realization of an ETS based on the ATS. Test laboratories running conformance test services for this abstract test suite shall comply with ISO/IEC 9646-5.

6 Test suite information

6.1 Packet layer test suite structure

The packet layer tests are grouped as shown in Table 1.

Table 1. Packet layer test groups

Test group #	Packet layer test groups	Test group #	Packet layer test groups
1	r1 - Packet Layer Ready State	15	i2 - DTE Interrupt Sent State
2	r2 - DTE Restart Request State	16	j1 - DXE Interrupt Ready State
3	r3 - DXE Restart Indication State	17	j2 - DXE Interrupt Sent State
4	p1 - Ready State	18	f1 - DXE Receive Ready State
5	p2 - DTE Call Request State	19	f2 - DXE Receive Not Ready State
6	p3 - DXE Incoming Call State	20	g1 - DTE Receive Ready State
7	p4 - Data Transfer State	21	g2 - DTE Receive Not Ready (*)
8	p5 - Call Collision State	22	Data Transfer
9	p6 - DTE Clear Request State	23	Timer Tests
10	p7 - DXE Clear Indication State	24	Address
11	d1 - Flow Control Ready State	25	Facility
12	d2 - DTE Reset Request State	26	Registration
13	d3 - DXE Reset Indication State	27	Multiple Logical Channel Assignment
14	i1 - DTE Interrupt Ready State	28	DTE/DTE Tests NOTE - (*) This group has been deleted but the number has been retained for consistency.

For each test group that tests a packet layer state (PLG1 through PLG28), the test cases specified are categorized into the following three subgroups.

- Subgroup 1 contains test cases in which the Tester transmits a proper test packet, these test cases are identified with a one hundred series test case identifier xx_1xx.
- Subgroup 2 contains test cases in which the Tester transmits an improper test packet, these test cases are identified with a two hundred series test case identifier xx_2xx.
- Subgroup 3 contains test cases in which the Tester transmits an inopportune test packet, these test cases are identified with a three hundred series test case identifier xx_3xx.

6.2 Packet layer initialization

In accordance with ISO/IEC 8208 Section 3.10, the DTE must transmit a Restart Request whenever link layer initialization has completed. However, DTEs developed in conformance with the 1980 and 1984 versions of Recommendation X.25 are not required to send a Restart Request at this time. To accommodate both DTE implementations, the Tester initiates the restart procedure upon completion of link layer initialization.

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The Tester will accept either a Restart Confirmation or a Restart Request as a valid response to its Restart Indication, as shown below in example EG_001. Packet layer initialization always occurs once at the start of a test session. State initialization, on the other hand, is performed many times during a test session as part of each test case. Packet layer initialization will also occur as part of state initialization when the previously executed test case results in a Fail or Inconclusive verdict, or the previously executed test case is part of PLG 1, 2, 3, 26 or in test groups in which the Restart procedure is executed as part of state initialization (PLG 1, 2, 3 and 26).

The following are examples of initialization of ISO/IEC 8208 over ISO/IEC 7776 (LAPB). Any other examples of initialization sequences using other underlying protocols are not shown, but may be appropriate. For example, normal state initialization steps in state r1 (PLG 1) are as shown in Table 2.

For those DTEs which disconnect the link upon receipt of a Restart Indication (or transmittal of a Restart Request) the state initialization steps include link layer initialization as shown in Table 3.

Table 2. Test Case Dynamic Behavior

Test Step Name : EG_001
Group : Example Test Step / Packet Layer Initialization
Objective : An example test step illustrating Packet Layer Initialization
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		! Restart_Indication START TD	STRT_DCE		1
2		? Restart_Confirmation CANCEL TD	STRTC		
3		? Restart_Request CANCEL TD	STRT_DTEA		
4		? TIMEOUT TD		FAIL	4
5		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

1 The Restart Indication is sent upon successful initialization of the Data Link Layer
4 TD expired

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Table 3. Test Case Dynamic Behavior

Test Step Name	: EG_002
Group	: Example Test Step / Packet Layer Initialization / Link Layer Initialization
Objective	: An example test step illustrating Packet Layer Initialization that includes Data Link Layer Initialization
Default	:
Comments	: a) L is the PCO at the Tester (Packet Layer) to Link Layer interface. : b) D is the PCO at the Link Layer to Physical interface. : c) This example uses the Multi-layer testing method, the Packet Layer Test Suite only uses the Remote Single-layer test method.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		FG_002 [L,D]			
2		L! Restart_Indication START TD	STRT_DCE		
3		L? Restart_Confirmation START TD	STRTC		
4		D? Disconnect CANCEL TD	DISC_1		4
5		+LINK_INIT			
6		L? TIMEOUT TD			6
7		L? Restart_Request START TD	STRT_DTEA		
8		D? Disconnect CANCEL TD	DISC_1		
9		+LINK_INIT			
10		L? TIMEOUT TD		FAIL	
11		L? TIMEOUT TD		FAIL	
12		L? OTHERWISE CANCEL TD		FAIL	
13		LINK_INIT			
14		D! UA	UA_DCE		14
15		D? SABM	SABM_1		15
16		D! UA	UA_DCE		14
17		L! Restart_Indication START TD	STRT_DCE		
18		L? Restart_Confirmation CANCEL TD	STRTC		
19		L? Restart_Request CANCEL TD	STRT_DTEA		
20		L? TIMEOUT TD		FAIL	
21		L? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4	Wait for DISC
6	TD expired
14	Send UA
15	Wait for SABM

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6.3 DTE-initiated actions

DTE-initiated actions specified by the test suite are handled using the Implicit Send mechanism defined in ISO/IEC 9646-3. The ability of the IUT to perform these actions, and its ability to execute the tests containing the actions, is determined by the information provided in the PIXIT and the PICS.

6.4 Timer definitions

This part of ISO/IEC 8882 defines the following timers:

TR the time required by the IUT to resume testing after completion of the Restart procedure. The duration is provided in PIXIT question 1.18a and contained in the test suite parameter TR_DELAY;

TC the time required by the IUT to resume testing after completion of the Clear procedure. The duration is provided in PIXIT question 1.18b and contained in the test suite parameter TC_DELAY;

TS the time required by the IUT to resume testing after completion of the Reset procedure. The duration is provided in PIXIT question 1.18c and contained in the test suite parameter TS_DELAY;

TD the time that the Tester waits before determining that the IUT will not respond to a Tester stimulus. For example, how long the Tester should wait before assuming that the IUT has either discarded or failed to respond to the stimulus. TD must be less than all other timers specific to ISO/IEC 8208, i.e. T20 through T28. The duration is calculated by the formula contained in the PIXIT question 1.23 (TD = 2 * TD_RESPONSE + MAX(TO_R3, TO_P3, TO_P7, TO_D3, TO_J2) and contained in the test suite parameter TD_WAIT_TIME;

TD_RESP the maximum time that the tester should wait for an immediate response from the IUT to a tester stimulus. The duration is provided in PIXIT question 1.20 and contained in TD_RESPONSE;

TDEL is a tolerance used in testing timers T20 - T28 of the base standard. The duration is provided in PIXIT question 1.21 and contained in the test suite parameter TDELTA. The duration considers the round trip transit delay between the Tester and IUT, and the time necessary for an IUT to respond to a received packet or timer expiry;

TO_R3 is the minimum time that the IUT remains in state R3. The duration is provided in PIXIT question 1.22 and contained in TO_DELAY_R3_MIN;

TO_P3 is the minimum time that the IUT remains in state P3. The duration is provided in PIXIT question 1.22 and contained in TO_DELAY_P3_MIN;

TO_P7 is the minimum time that the IUT remains in state P7. The duration is provided in PIXIT question 1.22 and contained in TO_DELAY_P7_MIN;

TO_D3 is the minimum time that the IUT remains in state D3. The duration is provided in PIXIT question 1.22 and contained in TO_DELAY_D3_MIN;

TO_J2 is the minimum time that the IUT remains in state J2. The duration is provided in PIXIT question 1.22 and contained in TO_DELAY_J2_MIN.

6.5 Cause codes and diagnostic codes

ISO/IEC 8208 requires the cause code to be 0 or 128 and the diagnostic code to be present in the Restart, Clear or Reset packet. Use of cause code 0 designates the use of standard diagnostic codes as specified in ISO/IEC 8208, figure 14-B. Use of cause code 128 designates the use of DTE-specific diagnostic codes.

CCITT X.25 (1984) requires the cause code in the Restart, Clear, or Reset Request packets to be either 0 or a value in the range of 128 through 255. The diagnostic code field is not mandatory in the basic format of these request packets. However, when the extended format is used, the diagnostic code field shall be present.

CCITT X.25 (1980) requires the cause code field in the Restart, Clear, or Reset Request packet to be set to 0. The diagnostic code field is not mandatory in the request packets.

Any one of several diagnostic codes may be generated by the IUT, on a per test case basis, especially where multiple error conditions are present in the same packet. In such instances any one of the possible diagnostic codes shall be accepted.

The test cases allow for the use of multiple diagnostic codes by DTEs. In the case where the DTE implements specific diagnostic codes it is recommended that these codes be in accordance with Tables 31-36 in ISO/IEC 8208.

6.6 Data transfer states

A limited set of data transfer tests (PLG20 and PLG22) are included in this test suite to verify the IUT's ability to perform the following:

- send and/or receive valid data packets;
- manage window rotation;
- detect improper data packets, and react accordingly;
- observe the remote busy condition.

In order to facilitate the exchange of data packets during these tests, the IUT provider shall specify the contents of the data packet user data field (UDF) for the Tester. The UDF values are supplied by the IUT provider in the PIXIT.

The following items should be considered when completing the PIXIT:

a) The UDF content in data packets received by the Tester will not be verified. Consequently, the information is not requested in the PIXIT.

Note: Receive-only IUTs are not expected to send data packets during data transfer tests.

b) The start of data transfer (i.e. Tester or IUT transmits first) is based on the response in the PIXIT.

c) Depending on the test being performed, the full list of UDFs specified in the PIXIT may not be sent. Exchange of data packets containing UDFs specified in the list may terminate at any point. Subsequent tests will start with the entry in the UDF list that is specified in the PIXIT (i.e. first entry or next entry).

d) If UDF contents are specified in the PIXIT, they will be sent (in sequence) whenever a data packet must be sent, or in response to data packets received from the IUT.

Note: Q-bit, D-bit and M-bit settings in these data packets are based on information provided in the PIXIT. Receive Ready (RR) packets may also be sent by the Tester and the IUT.

e) It is also assumed that the IUT can send consecutive data packets as required for window rota-

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tion tests. The Tester will only send Receive Ready (RR) packets during these tests.

6.7 Other user data fields

When necessary, the content of user data fields in the Call setup, Clearing and Interrupt packets shall be provided to the Tester by the IUT provider in order to successfully execute the Packet Layer Test Suite. In this case, the IUT requires the Tester to transmit user data fields in accordance with higher layer protocols which are operating above the packet layer.

6.8 Transient states

It is recognized that for those DTEs that process packets sequentially, certain states are not observable. Specifically, the testing of the DTE during the DXE defined states (for example, r3 - RESTART INDICATION, p3 - INCOMING CALL, p7 - CLEAR INDICATION, and d3 - RESET INDICATION) may end up in the testing of some other states (p1 - Packet Layer Ready, p4 - Data Transfer, d1 - Flow Control Ready). For example, to test the response to an error (r3) state, the Tester would send a RESTART INDICATION, immediately followed by the error packet. The Tester is expecting the DTE to discard the error packet, then send a RESTART REQUEST in response. However, the DTE generally responds immediately to the RESTART INDICATION with a RESTART CONFIRMATION and processes the next packet from the packet layer state r1. This test suite contains tests for these transient states only if they are observable. They are observable and testable if the minimum duration of the state is at least twice TD_RESPONSE.

6.9 Relationship of PICS to test suite

The Protocol Implementation Conformance Statement (PICS) defines the capabilities and options which have been implemented by the IUT, and also any features not implemented. The PICS shall be provided by the IUT, and its function is to ensure that the IUT implementation will be tested for conformance against only relevant requirements. The PICS proforma is defined in ISO/IEC 8208/Amd. 3.

6.10 Relationship of PIXIT to test suite

The PIXIT consists of a list of questions developed to obtain the characteristics of the IUT which are necessary to successfully execute the conformance test suite.

6.11 Test case selection

Test case selection is performed using Boolean equations consisting of PICS and PIXIT parameters. Selection is performed at the test group level first, then at the test case level.

6.12 PIXIT proforma

Information supplied by the IUT provider in Table 4 will be used to configure the Tester to execute the conformance test suite. Questions pertaining to function(s) not supported by the IUT should be ignored, since tests requiring the information will be eliminated from the conformance test suite by the PICS. It may be necessary to complete more than one PIXIT in order to represent the various configuration options of a specific IUT.

An uppercase mnemonic enclosed in parenthesis i.e. (IUT_TX) indicates the Test Suite Parameter that maps to this PIXIT question. Values supplied in the PIXIT will be directly mapped into the Test Suite via their associated Test Suite Parameter, therefore all supplied values must be in valid TTCN notation. A field that may contain any valid value based on the protocol specification is indicated by use of a ? in the PIXIT answer. A field which may or may not be present is indicated by an * and a field which is never present is indicated by a - . Refer to the Test Suite Parameter table for the declared type (INTEGER, BITSTRING, HEXSTRING) of each test suite parameter.

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Table 4 (Page 1 of 12). Protocol Implementation eXtra Information for Testing (PIXIT) Proforma			
Item	**IUT Type**	**Values**	**Comments**
1.1	Indicate the protocol to be tested, by answering the all of the following:		
1.1a	ISO 8208 (ISO)	☐Yes ☐No	
1.1b	CCITT X.25 1984 (CCITT_84)	☐Yes ☐No	
1.1c	CCITT X.25 1980 (CCITT_80)	☐Yes ☐No	
1.2	State whether the IUT is capable of sending data and/or receiving data.		
1.2a	sending (IUT_TX)	☐Yes ☐No	
1.2b	receiving (IUT_RX)	☐Yes ☐No	
Item	**Logical Channel Configuration**	**Values**	**Comments**
1.3	Range of PVC Logical Channel Identifier(s) (must be less than or equal to PICS item LC7)		
1.3a	Lowest PVC (LPV)	Value:	
1.3b	Highest PVC (HPV)	Value:	
1.4	Range of SVC Logical Channel Identifier(s) (must be within the ranges specified in the PICS items LC1 through LC6)		
1.4a.a	Lowest One-way incoming (LIC)	Value:	Note 1
1.4a.b	Highest One-way incoming (HIC)	Value:	Note 1
1.4b.a	Lowest One-way outgoing (LOC)	Value:	Note 1
1.4b.b	Highest One-way outgoing (HOC)	Value:	Note 1
1.4c.a	Lowest Two-way (LTC)	Value:	Note 1
1.4c.b	Highest Two-way (HTC)	Value:	Note 1
1.5	Indicate a logical channel to be used by the Tester for Incoming Calls (to the IUT) or PVCs. (LCI_UNDER_TEST)	Value:	Note 9
1.6	Indicate a logical channel to be used for logical channel unassigned testing. (LUC)	Value:	
1.7	How many Incoming virtual calls can be supported at the same time using the information in PIXIT question 1.4 and PIXIT question 2.2a? (SIM_CALL_IN)	Value:	
1.8	How many Outgoing virtual calls can be supported at the same time using the information in PIXIT question 1.4 and PIXIT question 2.3a? (SIM_CALL_OUT)	Value:	
Item	**Flow Control Information**	**Values**	**Comments**
1.9	Window sizes		
1.9a	Indicate the default window size to be used during test execution. This value is used for both transmit and receive windows (must be in range of PICS items V2s and V2r). (DEF_WIN_SZ)	Value:	
1.9b.a	Indicate a transmit nonstandard default window size to be used during test execution. (NS_DEF_WIN_SZ_TX)	Value:	
1.9b.b	Indicate a receive nonstandard default window size to be used during test execution. (NS_DEF_WIN_SZ_RX)	Value:	
1.9c	Provide the integer value of the nonstandard default window size given in 1.9b above. (NS_DEF_WIN_SZ_NUM)	Value:	
1.10	Packet sizes		
1.10a	Indicate a transmit nonstandard default packet size to be used during test execution. (NS_DEF_PKT_SZ_TX)	Value:	
1.10b	Indicate a receive nonstandard default packet size to be used during test execution. (NS_DEF_PKT_SZ_RX)	Value:	
1.11	Indicate maximum flow control packet size. (MAX_PKT_SZ)	Value:	
1.12	Indicate the modulo to be used for testing. (SEQ_MODULO)	☐8 ☐128	

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Item	**IUT Behavior Information**	**Values**	**Comments**
1.13	Does the IUT re-initialize at the Data Link Layer upon execution of an unexpected Restart procedure? (DISC_AT_DL)	☐Yes ☐No	
1.14	Does the IUT require a one for one exchange of Data packets when transmitting a window or more of data? (REPLY_REQUIRED)	☐Yes ☐No	
1.15	Will the IUT send the first data packet? (FIRST_DATA_FROM_IUT)	☐Yes ☐No	
1.16	Will the IUT send more data packets than its send window size? (MORE_DATA)	☐Yes ☐No	
1.17	Will the IUT send at least three data packets more than its modulo size? (THREE_MORE)	☐Yes ☐No	
Item	**Timer Information**	**Values**	**Comments**
1.18	State the time required by the IUT to resume testing after completion of the following procedures (in milli-seconds):		
1.18a	Restart (TR_DELAY)	Value:	Note 3
1.18b	Clear (TC_DELAY)	Value:	Note 3
1.18c	Reset (TS_DELAY)	Value:	Note 3
1.19	Enter the values used by the IUT for the following timers:		
1.19a	(T20)	Value:	Note 3
1.19b	(T21)	Value:	Note 3
1.19c	(T22)	Value:	Note 3
1.19d	(T23)	Value:	Note 3
1.19e	(T24)	Value:	Note 3
1.19f	(T25)	Value:	Note 3
1.19g	(T26)	Value:	Note 3
1.19h	(T27)	Value:	Note 3
1.19i	(T28)	Value:	Note 3
1.20	State the maximum time the tester should wait for an immediate response for the IUT to a tester stimulus, see clause 6.4. (TD_RESPONSE)	Value:	Note 3
1.21	State the delta value to be added to timers used by the Tester, see clause 6.4. (TDELTA)	Value:	Note 3
1.22	For R3, P3, D3, P7, J2 give the minimum and time that the IUT remains in these states.		
1.22a	R3 (TO_DELAY_R3_MIN)	Value:	Note 3,7
1.22b	R3 (TO_DELAY_R3_MAX)	Value:	Note 3,7
1.22c	P3 (TO_DELAY_P3_MIN)	Value:	Note 3,7
1.22d	P3 (TO_DELAY_P3_MAX)	Value:	Note 3,7
1.22e	D3 (TO_DELAY_D3_MIN)	Value:	Note 3,7
1.22f	D3 (TO_DELAY_D3_MAX)	Value:	Note 3,7
1.22g	P7 (TO_DELAY_P7_MIN)	Value:	Note 3,7
1.22h	P7 (TO_DELAY_P7_MAX)	Value:	Note 3,7
1.22i	J2 (TO_DELAY_J2_MIN)	Value:	Note 3,7
1.22j	J2 (TO_DELAY_J2_MAX)	Value:	Note 3,7
1.23	The time that the tester will use in most cases when waiting for a response from the IUT should be a function of the following formula: TD_WAIT_TIME = 2 * TD_RESPONSE + the maximum value of (TO_DELAY_R3_MAX, TO_DELAY_P3_MAX, TO_DELAY_D3_MAX, TO_DELAY_P7_MAX TO_DELAY_J2_MAX)	Value:	Note 3

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Item	Call Setup Information	Values	Comments
2.1a	Is the Calling DTE address in an Incoming Call packet verified? (CALLING_VER)	☐Yes ☐No	
2.1b	If 2.1a yes, indicate an unacceptable address and address length which can be sent by the Tester.		
2.1b.a	(TST_ADDR_INV)	Value:	
2.1b.b	(TST_ADDR_INVL)	Value:	
2.1c	Is the Called DTE address in an Incoming Call packet verified? (CALLED_VER)	☐Yes ☐No	
2.1d	If 2.1c is yes, indicate an unacceptable address and address length which can be sent by the Tester.		
2.1d.a	(IUT_ADDR_INV)	Value:	
2.1d.b	(IUT_ADDR_INVL)	Value:	
2.2	For each of the following packets indicate the value of the field and its length expected by the IUT.		
2.2a	Incoming Call		
2.2a.a	Calling Address (TST_ADDR1)	Value:	
2.2a.b	Called Address (IUT_ADDR1)	Value:	
2.2a.c	Calling Address length (TST_ADDR1_L)	Value:	
2.2a.d	Called Address length (IUT_ADDR1_L)	Value:	
2.2b	Call Connected		
2.2b.a	Calling Address (TST_ADDR2)	Value:	Note 4
2.2b.b	Called Address (IUT_ADDR2)	Value:	Note 4
2.2b.c	Calling Address length (TST_ADDR2_L)	Value:	
2.2b.d	Called Address length (IUT_ADDR2_L)	Value:	
2.3	For each of the following packets indicate the value of the field transmitted by the IUT.		
2.3a	Call Request		
2.3a.a	Calling Address (IUT_ADDR5)	Value:	
2.3a.b	Called Address (TST_ADDR5)	Value:	
2.3a.c	Calling Address length (IUT_ADDR5_L)	Value:	
2.3a.d	Called Address length (TST_ADDR5_L)	Value:	
2.3b	Call Accepted		
2.3b.a	Calling Address (IUT_ADDR6)	Value:	Note 4
2.3b.b	Called Address (TST_ADDR6)	Value:	Note 4
2.3b.c	Calling Address length (IUT_ADDR6_L)	Value:	
2.3b.d	Called Address length (TST_ADDR6_L)	Value:	
2.4	Specify a maximum length address supported by the IUT.		
2.4a	(IUT_ADDR_MAX)	Value:	
2.4b	(IUT_ADDR_MAXL)	Value:	
2.5	Indicate the address and facilities and lengths to be used in the CCITT-Specified DTE facility for called and calling address extension.		
2.5a	The address and length for the Address Field contained in the Incoming Call packet only:		
2.5a.a	Calling Address (TST_AF)	Value:	
2.5a.b	Called Address (IUT_AF)	Value:	
2.5a.c	Calling Address length (TST_AF_L)	Value:	

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2.5a.d	Called Address length (IUT_AF_L)	Value:	
2.5b	The facility length and contents of the Address Extension Facility Parameter, including the use of address extension octet contained in the Incoming Call packet only; Note: The F_NONX25 string of facilities includes; facility marker '000F'H, facility code 'CB'H, calling address length, calling address, facility code 'C9'H, called address length, and called address.		
2.5b.a	(F_NONX25)	Value:	
2.5b.b	(F_NONX25_L)	Value:	
2.5c	The facility length and contents of the Address Extension Facility Parameter, including the use of address extension octet, contained in the Call Accept packet used in response to the Incoming Call packet; Note: The F_AE string of facilities includes; facility marker '000F'H, facility code 'C9'H, called address length, and called address.		
2.5c.a	(F_AE)	Value:	
2.5c.b	(F_AE_L)	Value:	
Item	**Facilities Information**	**Values**	**Comments**
2.6a	Is the fast select facility always used? (FAST_SELECT) Note: If yes, the fast select facility must be included in the answers to question 2.7.	☐Yes ☐No	
2.6b	Does the IUT require more than one facility to be present in an Incoming Call packet?	☐Yes ☐No	Note 8
2.6c	Does the IUT transmit more than one facility in a Call Request packet?	☐Yes ☐No	Note 8
2.6d	Provide a string of 110 octets of facility information to be sent to the IUT. (FACS_110)	Value:	Note 10
2.7	Provide the facilities, facility length and user data to be used in each of the following packets.		
2.7a	Incoming Call packet received by the IUT		
2.7a.a	(CALL_IND_F)	Value:	Note 10
2.7a.b	(CALL_IND_FL)	Value:	
2.7a.c	(CALL_IND_UD)	Value:	
2.7b	Call Request packet transmitted by the IUT		
2.7b.a	(CALL_REQ_F)	Value:	Note 10
2.7b.b	(CALL_REQ_FL)	Value:	
2.7b.c	(CALL_REQ_UD)	Value:	
2.7c	Call Connected packet received by the IUT		
2.7c.a	(CALL_CON_F)	Value:	Note 10
2.7c.b	(CALL_CON_FL)	Value:	
2.7c.c	(CALL_CON_UD)	Value:	
2.7d	Call Accept packet transmitted by the IUT		
2.7d.a	(CALL_ACC_F)	Value:	Note 10
2.7d.b	(CALL_ACC_FL)	Value:	
2.7d.c	(CALL_ACC_UD)	Value:	
2.7e	Clear Indication packet received by the IUT		
2.7e.a	(CLR_IND_F)	Value:	Note 10
2.7e.b	(CLR_IND_FL)	Value:	
2.7e.c	(CLR_IND_UD)	Value:	
2.7f	Clear Request packet transmitted by the IUT		

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2.7f.a	(CLR_REQ_F)	Value:	Note 10
2.7f.b	(CLR_ REQ_ FL)	Value:	
2.7f.c	(CLR_ REQ_ UD)	Value:	
2.7g	Clear Confirmation packet received by the IUT		
2.7g.a	(CLC_RX_F)	Value:	Note 10
2.7g.b	(CLC_RX_FL)	Value:	
2.7h	Clear Confirmation packet transmitted by the IUT		
2.7h.a	(CLC_TX_F)	Value:	Note 10
2.7h.b	(CLC_TX_FL)	Value:	
2.8a	Provide a number to be used for Basic CUG? (BCUG_NUM)	Value:	
2.8b	Provide a number to be used for extended CUG? (ECUG_NUM)	Value:	
2.8c	Provide a number to be used for bilateral CUG? (BICUG_NUM)	Value:	
2.9	Indicate the default throughput class.		
2.9a	(DEF_THRUPT_CALLED)	Value:	
2.9b	(DEF_THRUPT_CALLING)	Value:	
2.10	Indicate a throughput class that is different from the default throughput class.		
2.10a	(THRUPT_CALLING)	Value:	
2.10b	(THRUPT_CALLED)	Value:	
2.11	Indicate the Transit Delay value to be used.		
2.11a	First octet (TRNS_DELAY_1)	Value:	
2.11b	Second octet (TRNS_DELAY_2)	Value:	
2.12	Provide the Network User Identification facility length and facilities.		
2.12a	(F_NUI)	Value:	
2.12b	(F_NUI_L)	Value:	
Item	**Data Packet Information**	**Values**	**Comments**
2.13	Specify the Q, D-bit, and M-Bit settings and data contents of the first nine data packets which the IUT will receive (default settings for Q, D and M-bits are 0, a ? in the entry indicates that any user data is acceptable). If possible at least one data packet should contain the full size of data.		
2.13a	First Data Packet		
2.13a.a	Q= (Q_UD_0)	Value:	
2.13a.b	D= (D_UD_0)	Value:	
2.13a.c	M= (M_UD_0)	Value:	
2.13a.d	User data field (UD_0)	Value:	
2.13b	Second Data Packet		
2.13b.a	Q= (Q_UD_1)	Value:	
2.13b.b	D= (D_UD_1)	Value:	
2.13b.c	M= (M_UD_1)	Value:	
2.13b.d	User data field (UD_1)	Value:	
2.13c	Third Data Packet		
2.13c.a	Q= (Q_UD_2)	Value:	
2.13c.b	D= (D_UD_2)	Value:	
2.13c.c	M= (M_UD_2)	Value:	

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2.13c.d	User data field (UD_2)	Value:	
2.13d	Fourth Data Packet		
2.13d.a	Q= (Q_UD_3)	Value:	
2.13d.b	D= (D_UD_3)	Value:	
2.13d.c	M= (M_UD_3)	Value:	
2.13d.d	User data field (UD_3)	Value:	
2.13e	Fifth Data Packet		
2.13e.a	Q= (Q_UD_4)	Value:	
2.13e.b	D= (D_UD_4)	Value:	
2.13e.c	M= (M_UD_4)	Value:	
2.13e.d	User data field (UD_4)	Value:	
2.13f	Sixth Data Packet		
2.13f.a	Q= (Q_UD_5)	Value:	
2.13f.b	D= (D_UD_5)	Value:	
2.13f.c	M= (M_UD_5)	Value:	
2.13f.d	User data field (UD_5)	Value:	
2.13g	Seventh Data Packet		
2.13g.a	Q= (Q_UD_6)	Value:	
2.13g.b	D= (D_UD_6)	Value:	
2.13g.c	M= (M_UD_6)	Value:	
2.13g.d	User data field (UD_6)	Value:	
2.13h	Eighth Data Packet		
2.13h.a	Q= (Q_UD_7)	Value:	
2.13h.b	D= (D_UD_7)	Value:	
2.13h.c	M= (M_UD_7)	Value:	
2.13h.d	User data field (UD_7)	Value:	
2.13i	Ninth Data Packet		
2.13i.a	Q= (Q_UD_8)	Value:	
2.13i.b	D= (D_UD_8)	Value:	
2.13i.c	M= (M_UD_8)	Value:	
2.13i.d	User data field (UD_8)	Value:	
2.13j	Ninth Data Packet		
2.13j.a	Q= (Q_UD_U)	Value:	
2.13j.b	D= (D_UD_U)	Value:	
2.13j.c	M= (M_UD_U)	Value:	
2.13j.d	User data field (UD_U)	Value:	
2.13k	Specify user data field UD_U_UD1 (UD_U plus UD1)	Value:	
2.14	Specify a sequence of Data packets not greater than nine that contains a change of Q-bit value, where the change generates an error when received by the IUT, and data content that can be received by the IUT (default settings for D and M-bits is 0, a ? in the entry indicates that any user data is acceptable).		
2.14a	First Data Packet		
2.14a.a	Q= (Q_UDQ_0)	Value:	
2.14a.b	D= (D_UDQ_0)	Value:	

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2.14a.c	M= (M_UDQ_0)	Value:	
2.14a.d	User data field (UDQ_0)	Value:	
2.14b	Second Data Packet		
2.14b.a	Q= (Q_UDQ_1)	Value:	
2.14b.b	D= (D_UDQ_1)	Value:	
2.14b.c	M= (M_UDQ_1)	Value:	
2.14b.d	User data field (UDQ_1)	Value:	
2.14c	Third Data Packet		
2.14c.a	Q= (Q_UDQ_2)	Value:	
2.14c.b	D= (D_UDQ_2)	Value:	
2.14c.c	M= (M_UDQ_2)	Value:	
2.14c.d	User data field (UDQ_2)	Value:	
2.14d	Fourth Data Packet		
2.14d.a	Q= (Q_UDQ_3)	Value:	
2.14d.b	D= (D_UDQ_3)	Value:	
2.14d.c	M= (M_UDQ_3)	Value:	
2.14d.d	User data field (UDQ_3)	Value:	
2.14e	Fifth Data Packet		
2.14e.a	Q= (Q_UDQ_4)	Value:	
2.14e.b	D= (D_UDQ_4)	Value:	
2.14e.c	M= (M_UDQ_4)	Value:	
2.14e.d	User data field (UDQ_4)	Value:	
2.14f	Sixth Data Packet		
2.14f.a	Q= (Q_UDQ_5)	Value:	
2.14f.b	D= (D_UDQ_5)	Value:	
2.14f.c	M= (M_UDQ_5)	Value:	
2.14f.d	User data field (UDQ_5)	Value:	
2.14g	Seventh Data Packet		
2.14g.a	Q= (Q_UDQ_6)	Value:	
2.14g.b	D= (D_UDQ_6)	Value:	
2.14g.c	M= (M_UDQ_6)	Value:	
2.14g.d	User data field (UDQ_6)	Value:	
2.14h	Eighth Data Packet		
2.14h.a	Q= (Q_UDQ_7)	Value:	
2.14h.b	D= (D_UDQ_7)	Value:	
2.14h.c	M= (M_UDQ_7)	Value:	
2.14h.d	User data field (UDQ_7)	Value:	
2.14i	Ninth Data Packet		
2.14i.a	Q= (Q_UDQ_8)	Value:	
2.14i.b	D= (D_UDQ_8)	Value:	
2.14i.c	M= (M_UDQ_8)	Value:	
2.14i.d	User data field (UDQ_8)	Value:	

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2.15	Specify a sequence of Data packets no greater than nine that contains a change of Q - bit value, where the change is acceptable to the IUT, and data content that can be received by the IUT (default settings for D and M-bits is 0, a ? in the entry indicates that any user data is acceptable).		
2.15a	First Data Packet		
2.15a.a	Q= (Q_UDQA_0)	Value:	
2.15a.b	D= (D_UDQA_0)	Value:	
2.15a.c	M= (M_UDQA_0)	Value:	
2.15a.d	User data field (UDQA_0)	Value:	
2.15b	Second Data Packet		
2.15b.a	Q= (Q_UDQA_1)	Value:	
2.15b.b	D= (D_UDQA_1)	Value:	
2.15b.c	M= (M_UDQA_1)	Value:	
2.15b.d	User data field (UDQA_1)	Value:	
2.15c	Third Data Packet		
2.15c.a	Q= (Q_UDQA_2)	Value:	
2.15c.b	D= (D_UDQA_2)	Value:	
2.15c.c	M= (M_UDQA_2)	Value:	
2.15c.d	User data field (UDQA_2)	Value:	
2.15d	Fourth Data Packet		
2.15d.a	Q= (Q_UDQA_3)	Value:	
2.15d.b	D= (D_UDQA_3)	Value:	
2.15d.c	M= (M_UDQA_3)	Value:	
2.15d.d	User data field (UDQA_3)	Value:	
2.15e	Fifth Data Packet		
2.15e.a	Q= (Q_UDQA_4)	Value:	
2.15e.b	D= (D_UDQA_4)	Value:	
2.15e.c	M= (M_UDQA_4)	Value:	
2.15e.d	User data field (UDQA_4)	Value:	
2.15f	Sixth Data Packet		
2.15f.a	Q= (Q_UDQA_5)	Value:	
2.15f.b	D= (D_UDQA_5)	Value:	
2.15f.c	M= (M_UDQA_5)	Value:	
2.15f.d	User data field (UDQA_5)	Value:	
2.15g	Seventh Data Packet		
2.15g.a	Q= (Q_UDQA_6)	Value:	
2.15g.b	D= (D_UDQA_6)	Value:	
2.15g.c	M= (M_UDQA_6)	Value:	
2.15g.d	User data field (UDQA_6)	Value:	
2.15h	Eighth Data Packet		
2.15h.a	Q= (Q_UDQA_7)	Value:	
2.15h.b	D= (D_UDQA_7)	Value:	
2.15h.c	M= (M_UDQA_7)	Value:	
2.15h.d	User data field (UDQA_7)	Value:	
2.15i	Ninth Data Packet		

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2.15i.a	Q= (Q_UDQA_8)	Value:	
2.15i.b	D= (D_UDQA_8)	Value:	
2.15i.c	M= (M_UDQA_8)	Value:	
2.15i.d	User data field (UDQA_8)	Value:	
2.16	Specify a sequence of Data packets no greater than nine after which a packet with an empty data field may be processed by the IUT (default settings for Q, D and M- bits are 0, a ? in the entry indicates that any user data is acceptable.		
2.16a	First Data Packet		
2.16a.a	Q= (Q_UDE_0)	Value:	
2.16a.b	D= (D_UDE_0)	Value:	
2.16a.c	M= (M_UDE_0)	Value:	
2.16a.d	User data field (UDE_0)	Value:	
2.16b	Second Data Packet		
2.16b.a	Q= (Q_UDE_1)	Value:	
2.16b.b	D= (D_UDE_1)	Value:	
2.16b.c	M= (M_UDE_1)	Value:	
2.16b.d	User data field (UDE_1)	Value:	
2.16c	Third Data Packet		
2.16c.a	Q= (Q_UDE_2)	Value:	
2.16c.b	D= (D_UDE_2)	Value:	
2.16c.c	M= (M_UDE_2)	Value:	
2.16c.d	User data field (UDE_2)	Value:	
2.16d	Fourth Data Packet		
2.16d.a	Q= (Q_UDE_3)	Value:	
2.16d.b	D= (D_UDE_3)	Value:	
2.16d.c	M= (M_UDE_3)	Value:	
2.16d.d	User data field (UDE_3)	Value:	
2.16e	Fifth Data Packet		
2.16e.a	Q= (Q_UDE_4)	Value:	
2.16e.b	D= (D_UDE_4)	Value:	
2.16e.c	M= (M_UDE_4)	Value:	
2.16e.d	User data field (UDE_4)	Value:	
2.16f	Sixth Data Packet		
2.16f.a	Q= (Q_UDE_5)	Value:	
2.16f.b	D= (D_UDE_5)	Value:	
2.16f.c	M= (M_UDE_5)	Value:	
2.16f.d	User data field (UDE_5)	Value:	
2.16g	Seventh Data Packet		
2.16g.a	Q= (Q_UDE_6)	Value:	
2.16g.b	D= (D_UDE_6)	Value:	
2.16g.c	M= (M_UDE_6)	Value:	
2.16g.d	User data field (UDE_6)	Value:	
2.16h	Eighth Data Packet		
2.16h.a	Q= (Q_UDE_7)	Value:	

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Table 4 (Page 10 of 12). Protocol Implementation eXtra Information for Testing (PIXIT) Proforma

2.16h.b	D= (D_UDE_7)	Value:	
2.16h.c	M= (M_UDE_7)	Value:	
2.16h.d	User data field (UDE_7)	Value:	
2.16i	Ninth Data Packet		
2.16i.a	Q= (Q_UDE_8)	Value:	
2.16i.b	D= (D_UDE_8)	Value:	
2.16i.c	M= (M_UDE_8)	Value:	
2.16i.d	User data field (UDE_8)	Value:	
2.17	Specify a sequence of Data packets no greater than nine that contains a change of M-bit value and data content that can be received by the IUT (default setting for D and Q-bits are 0, a ? in the entry indicates that any user data is acceptable).		
2.17a	First Data Packet		
2.17a.a	Q= (Q_UDM_0)	Value:	
2.17a.b	D= (D_UDM_0)	Value:	
2.17a.c	M= (M_UDM_0)	Value:	
2.17a.d	User data field (UDM_0)	Value:	
2.17b	Second Data Packet		
2.17b.a	Q= (Q_UDM_1)	Value:	
2.17b.b	D= (D_UDM_1)	Value:	
2.17b.c	M= (M_UDM_1)	Value:	
2.17b.d	User data field (UDM_1)	Value:	
2.17c	Third Data Packet		
2.17c.a	Q= (Q_UDM_2)	Value:	
2.17c.b	D= (D_UDM_2)	Value:	
2.17c.c	M= (M_UDM_2)	Value:	
2.17c.d	User data field (UDM_2)	Value:	
2.17d	Fourth Data Packet		
2.17d.a	Q= (Q_UDM_3)	Value:	
2.17d.b	D= (D_UDM_3)	Value:	
2.17d.c	M= (M_UDM_3)	Value:	
2.17d.d	User data field (UDM_3)	Value:	
2.17e	Fifth Data Packet		
2.17e.a	Q= (Q_UDM_4)	Value:	
2.17e.b	D= (D_UDM_4)	Value:	
2.17e.c	M= (M_UDM_4)	Value:	
2.17e.d	User data field (UDM_4)	Value:	
2.17f	Sixth Data Packet		
2.17f.a	Q= (Q_UDM_5)	Value:	
2.17f.b	D= (D_UDM_5)	Value:	
2.17f.c	M= (M_UDM_5)	Value:	
2.17f.d	User data field (UDM_5)	Value:	
2.17g	Seventh Data Packet		
2.17g.a	Q= (Q_UDM_6)	Value:	
2.17g.b	D= (D_UDM_6)	Value:	

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Table 4 (Page 11 of 12). Protocol Implementation eXtra Information for Testing (PIXIT) Proforma			
2.17g.c	M= (M_UDM_6)	Value:	
2.17g.d	User data field (UDM_6)	Value:	
2.17h	Eighth Data Packet		
2.17h.a	Q= (Q_UDM_7)	Value:	
2.17h.b	D= (D_UDM_7)	Value:	
2.17h.c	M= (M_UDM_7)	Value:	
2.17h.d	User data field (UDM_7)	Value:	
2.17i	Ninth Data Packet		
2.17i.a	Q= (Q_UDM_8)	Value:	
2.17i.b	D= (D_UDM_8)	Value:	
2.17i.c	M= (M_UDM_8)	Value:	
2.17i.d	User data field (UDE_8)	Value:	
2.18	Specify a partially full data packet with M - bit set which would otherwise (M-bit = 0) be acceptable to the IUT.		
2.18a	Q= (Q_UDMP)	Value:	
2.18b	D= (D_UDMP)	Value:	
2.18c	M= (M_UDMP)	Value:	
2.18d	User data field (UDMP)	Value:	
2.19	Specify the user data to be carried where the Tester is required to send a specific number of data octets in order to test the IUT (a '?' in the entry indicates that any user data is acceptable).		
2.19a	1 octet (UD1)	Value:	
2.19b	3 octets (UD3)	Value:	
2.19c	16 octets (UD16)	Value:	
2.19d	17 octets (UD17)	Value:	
2.19e	32 octets (UD32)	Value:	
2.19f	110 octets (UD110)	Value:	
2.19g	128 octets (UD129)	Value:	
2.19h	129 octets (UD129)	Value:	
2.19i	UDNS (UDNS)	Value:	Note 6
Item	**Miscellaneous Information**	**Values**	**Comments**
2.20	Provide Interrupt User Data (one octet for X.25 1980 and up to 32 octets for X.25 1984 and ISO 8208) to be carried in Interrupt packets:		
2.20a	IUT transmits (Tester receives) (UD_I_IUT)	Value:	
2.20b	IUT receives (Tester transmits) (UD_I_TST)	Value:	
2.21	Registration Request/Confirmation Packets		Note 8
2.22	Implicit Sends		
	Indicate whether the IUT can or cannot support on demand the following Implicit Sends used in this Test Suite.		
2.22a	<IUT! CALL> Call Request	☐Yes ☐No	
2.22b	<IUT! DATA> Data	☐Yes ☐No	
2.22c	<IUT! INT> Interrupt	☐Yes ☐No	
2.22d	<IUT! RESTARTC> Restart Confirm	☐Yes ☐No	
2.22e	<IUT! RESTART> Restart	☐Yes ☐No	
2.22f	<IUT! REG> Registration	☐Yes ☐No	

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Table 4 (Page 12 of 12). Protocol Implementation eXtra Information for Testing (PIXIT) Proforma			
2.22g	Where operator action is required for Implicit Send events, specify the maximum time required for the operator to complete the requested action. (IMP_TO)	Value:	
Item	**Data Link Primitives**	**Values**	**Comments**
2.23	Does the IUT support abstract service primitives as defined in ISO/IEC 8886? (ASP_SUPP)	☐Yes ☐No	
	If 2.23 is yes, enter values for the following:		
2.23a	(DL_CALLED_ADDR_BT)	Value:	
2.23b	(DL_CALLED_ADDR_DEF)	Value:	
2.23c	(DL_CALLING_ADDG_BT)	Value:	
2.23d	(DL_CALLING_ADDG_DEF)	Value:	
2.23e	(DL_DLCNR_PS_BT)	Value:	
2.23f	(DL_DLCNR_PS_DEF)	Value:	
2.23g	(DL_DLCNC_PS_BT)	Value:	
2.23h	(DL_DLCNC_PS_DEF)	Value:	
2.23i	(DL_ORIGIN_BT)	Value:	
2.23j	(DL_ORIGIN_DEF)	Value:	
2.23k	(DL_QOS_BT)	Value:	
2.23l	(DL_QOS_DEF)	Value:	
2.23m	(DL_REASON_BT)	Value:	
2.23n	(DL_REASON_DEF)	Value:	
2.23o	(DL_RESP_ADDR_BT)	Value:	
2.23p	(DL_RESP_ADDR_DEF)	Value:	

Notes:

1. Specify a logical channel combination which will permit both Incoming Call and Call Request functions to be tested (preferably one two-way VC), if applicable.
2. Value should be indicated in hexadecimal.
3. All times are to be given in seconds, except where noted.
4. The IUT will indicate here whether it accepts that the contents of this field could be different from what was expected, as a consequence of the use of the CLAMN facility.
5. UD_U is a universally repeatable data packet and will be used in test cases where more than nine data packets are required to be transmitted by the Tester (see test case PL22_105 as an example).
6. A packet containing the number of octets equal to that of the Nonstandard Default packet size, see PIXIT 1.10.
7. When TO_DELAY_xx_MIN is not greater than or equal to twice the value of TD_RESPONSE (PIXIT 1.20) the applicable transient state is not testable.
8. All tests for facilities contained in PLG 25 and PLG 26 test for each facility independently where other facilities are not present. If a combination of facilities is required by the IUT the facility test cases for those facilities will be de-selected from PLG 25 and PLG 26.
9. If a value is not provided a logical channel will be assigned by selecting the lowest channel in the first available logical channel group chosen in the following order; Incoming, Two-way, PVC.
10. The facility information provided must be syntactically correct and acceptable to the IUT.

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6.13 Acceptable unexpected responses

In some test cases, particularly in the data transfer state (p4/d1), unexpected packets may be received from the IUT which do not affect the outcome of the test case. Such unexpected packets shall be accepted by the test system without consequence to the IUT.

Table 5 identifies those packets which the test system shall accept depending on the state of the interfaces as perceived by the IUT. Note that RESTART REQUEST, CLEAR REQUEST, and RESET REQUEST, which may be sent at any time by the IUT are not considered to be allowable unexpected responses during data transfer tests. Also note that when the IUT is in state P1, where a Call Request may be sent at anytime, an unsolicited Call Request is not considered to be an acceptable unexpected response. This

is because it is highly unlikely, for reasons of timing, that the unsolicited Call Request would arrive at a time when the tester would consider it as a correct response to a previously issued implicit send request (IUT!CALL), see ISO/IEC 9646-5. Similarly, a REJECT packet requesting packet retransmission is not accepted as an allowable unexpected response.

The logical channel under test is derived from the PIXIT. All packets received on logical channels other than the one being tested shall be discarded by the tester, regardless of their syntactic validity. This does not apply to packets received on logical channel 0.

In a DTE/DTE environment where the IUT is acting as a DCE, diagnostic packets received by the Tester on logical channel 0 indicating timer timeouts shall be ignored.

Table 5. Acceptable unexpected responses

Packet received from the IUT (on LCN under test)	State of the interface as perceived by the IUT							
	d1	i1	i2	j1	j2	f1	f2	g1
DATA	x	x	x	x	x	x		x
INTERRUPT	x	x		x	x	x	x	x
RECEIVE READY	x	x	x	x	x	x	x	x
RECEIVE NOT READY	x	x	x	x	x	x	x	x

6.14 Implicit send

The use of the Implicit Send mechanism may be realized through either manual operator intervention or automated procedures. PIXIT question 2.22 lists the Implicit Sends used in this test suite.

6.15 Basic interconnection tests

A set of Basic Interconnection Tests (BITs) may be used to determine the interoperability between the Test Laboratory and the Implementation Under Test prior to running the full test suite, reference ISO/IEC 9646-1 6.1.2. When these BITs are used they shall be selected from the following list shown in Table 6. This selection is based on answers given in the PICS and PIXIT proformas and the corresponding test selection Boolean equations.

Table 6. Basic interconnection tests

Test case identifier	Test purposes
P1_101	Verify the IUT accepts a Restart Indication in R1
P2_101	Verify the R2 to R1 transition via Restart Indication
P2_102	Verify the R2 to R1 transition via Restart Confirmation
P4_101	Verify the IUT accepts a valid Incoming Call received in state P1
P5_103	Verify the IUT accepts a Call Connected packet while in P2
P9_106	Verify the IUT accepts a valid Clear Confirmation received in state P6
P11_101	Verify the IUT accepts a Reset Indication received in state D1
P11_102	Verify the IUT can accept Data in state D1
P12_102	Verify the IUT is in state D1 after receiving a Reset Confirmation while in state D2

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7 TTCN abstract test suite

7.1 Test suite overview

Table 7 (Page 1 of 2). Test Suite Structure

Suite Name	: ISO/IEC 8882-3
Standards Ref	: ISO/IEC 8208 : 1990
PICS Ref	: ISO/IEC 8208 : 1990 / Amendment 3
PIXIT Ref	: ISO/IEC 8882-3
Test Method(s)	: Remote Single Layer
Comments	:

Test Group Reference	Selection Ref	Test Group Objective	Page Nr
R1/		Verification of Packet Layer Ready state R1.	
R1/R1_Proper/		Proper packets	166
R1/R1_Improper/		Improper packets	167
R1/R1_Inopportune/		Inopportune packets	180
R2/	NODISC	Verification of DTE Restart Request state R2.	
R2/R2_Proper/		Proper packets	181
R2/R2_Improper/		Improper packets	182
R2/R2_Inopportune/		Inopportune packets	195
R3/	STATE_R3	Verification of DXE Restart Indication state R3.	
R3/R3_Proper/		Proper packets	200
R3/R3_Improper/		Improper packets	200
R3/R3_Inopportune/		Inopportune packets	219
P1/	VS	Verification of Packet Ready state P1.	
P1/P1_Proper/		Proper packets	232
P1/P1_Improper/		Improper packets	234
P1/P1_Inopportune/		Inopportune packets	239
P2/	CALLOUT	Verification of DTE Call Request state P2.	
P2/P2_Proper/		Proper packets	242
P2/P2_Improper/		Improper packets	245
P2/P2_Inopportune/		Inopportune packets	250
P3/	INCALL	Verification of DXE Incoming Call state P3.	
P3/P3_Proper/		Proper packets	253
P3/P3_Improper/		Improper packets	255
P3/P3_Inopportune/		Inopportune packets	260
P4/	STATE_P4	Verification of Data Transfer state P4.	
P4/P4_Proper/		Proper packets	264
P4/P4_Improper/		Improper packets	266
P4/P4_Inopportune/		Inopportune packets	269
P5/	STATE_P5	Verification of Call Collision state P5.	
P5/P5_Proper/		Proper packets	271
P5/P5_Improper/		Improper packets	273
P5/P5_Inopportune/		Inopportune packets	278
P6/	STATE_P6	Verification of DTE Clear Request state P6.	
P6/P6_Proper/		Proper packets	282
P6/P6_Improper/		Improper packets	284
P6/P6_Inopportune/		Inopportune packets	287
P7/	STATE_P7	Verification of DXE Clear Indication state P7.	
P7/P7_Improper/		Improper packets	291
P7/P7_Inopportune/		Inopportune packets	296
D1/	STATE_D1	Verification of Flow Control Ready state D1.	
D1/D1_Proper/		Proper packets	304
D1/D1_Improper/		Improper packets	305
D1/D1_Inopportune/		Inopportune packets	312
D2/	STATE_D2	Verification of DTE Reset Request state D2.	
D2/D2_Proper/		Proper packets	314
D2/D2_Improper/		Improper packets	314
D2/D2_Inopportune/		Inopportune packets	317
D3/	STATE_D3	Verification of DXE Reset Indication D3.	
D3/D3_Improper/		Improper packets	320
D3/D3_Inopportune/		Inopportune packets	324
I1/	STATE_D1	Verification of DTE Interrupt Ready state I1.	
I1/I1_Improper/		Improper packets	329
I1/I1_Inopportune/		Inopportune packets	330
I2/	STATE_I2	Verification of DTE Interrupt Sent state I2.	
I2/I2_Proper/		Proper packets	331
I2/I2_Improper/		Improper packets	332
J1/	STATE_J1	Verification of DTE Interrupt Ready state J1.	
J1/J1_Proper/		Proper packets	333
J1/J1_Improper/		Improper packets	333
J2/	STATE_J2	Verification of DTE Interrupt Sent state J2.	

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Table 7 (Page 2 of 2). Test Suite Structure

Suite Name : ISO/IEC 8882-3
Standards Ref : ISO/IEC 8208 : 1990
PICS Ref : ISO/IEC 8208 : 1990 / Amendment 3
PIXIT Ref : ISO/IEC 8882-3
Test Method(s) : Remote Single Layer
Comments :

Test Group Reference	Selection Ref	Test Group Objective	Page Nr
J2/J2_Improper/		Improper packets	335
J2/J2_Inopportune/		Inopportune packets	336
F1/	STATE_D1	Verification of DTE Receive Ready state F1.	
F1/F1_Proper/		Proper packets	337
F1/F1_Improper/		Improper packets	338
F1/F1_Inopportune/		Inopportune packets	340
F2/	STATE_D1	Verification of DXE Receive Not Ready state F2.	
F2/F2_Proper/		Proper packets	342
F2/F2_Improper/		Improper packets	343
F2/F2_Inopportune/		Inopportune packets	345
G1/	RD	Verification of DTE Receive Ready state G1.	
G1/G1_Proper/		Proper packets	347
G1/G1_Improper/		Improper packets	348
G1/G1_Inopportune/		Inopportune packets	350
DATA_TRANSFER/	SD	Data transfer tests cases.	
DATA_TRANSFER/DATA_TRANSFER_Proper/		Proper packets	353
DATA_TRANSFER/DATA_TRANSFER_Improper/		Improper packets	355
TIMER/		Verification of DTE Timers.	
TIMER/TIMER_Proper/		Proper packets	357
ADDRESS/	S2	Addressing test cases.	
ADDRESS/ADDRESS_Proper/		Proper packets	365
ADDRESS/ADDRESS_Improper/		Improper packets	366
FACILITY/	VS	Verification of DTE optional facilities.	
FACILITY/FACILITY_Proper/		Proper packets	367
FACILITY/FACILITY_Improper/		Improper packets	374
REGISTRATION/	REG	Verification of the Registration procedures.	
REGISTRATION/REGISTRATION_Proper/		Proper packets	380
MULTIPLE_LCI/	VS	Logical Channel Identifier Assignment test cases.	
MULTIPLE_LCI/MULTIPLE_LCI_Proper/		Proper packets	387
DTE_TO_DTE/	DTEDTE	Verification of DTE/DTE procedures.	
DTE_TO_DTE/DTE_TO_DTE_Proper/		Proper packets	389

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7.2 Test case index

Table 8 (Page 1 of 19). Test Case Index

Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R1/R1_Proper/	P1_101		Verify the IUT accepts a Restart Indication in R1.	166
R1/R1_Proper/	P1_102		Verify the IUT does not respond to a Diagnostic packet received in state R1.	166
R1/R1_Proper/	P1_103	ASP_SUPPORT	Verify the IUT initiates the Restart procedure after the Data Link Layer initialization procedure is completed.	167
R1/R1_Improper/	P1_201A		Verify the IUT discards an Incoming Call with LCI = 0 while in state R1.	167
R1/R1_Improper/	P1_201B		Verify the IUT discards a Call Connected packet on LCI = 0 while in state R1.	168
R1/R1_Improper/	P1_201C		Verify the IUT discards a Clear Indication packet on LCI = 0 whie in state R1.	168
R1/R1_Improper/	P1_201D		Verify the IUT discards a Clear Confirmation packet on LCI = 0 while in state R1.	169
R1/R1_Improper/	P1_201E		Verify the IUT discards a Data packet on LCI = 0 while in state R1.	169
R1/R1_Improper/	P1_201F		Verify the IUT discards an Interrupt packet on LCI = 0 while in state R1.	170
R1/R1_Improper/	P1_201G		Verify the IUT discards an Interrupt Confirmation packet on LCI = 0 while in state R1.	170
R1/R1_Improper/	P1_201H		Verify the IUT discards a Receive Ready (RR) packet on LCI = 0 while in state R1.	171
R1/R1_Improper/	P1_201I		Verify the IUT discards a Receive Not Ready (RNR) packet on LCI = 0 while in state R1.	171
R1/R1_Improper/	P1_201J		Verify the IUT discards a Reset Indication packet on LCI = 0 while in state R1.	172
R1/R1_Improper/	P1_201K		Verify the IUT discards a Reset Confirmation packet on LCI = 0 while in state R1.	172
R1/R1_Improper/	P1_201L		Verify the IUT discards a Reject packet on LCI = 0 while in state R1.	173
R1/R1_Improper/	P1_202		Verify the IUT discards or restarts a too short Restart Indication (no cause code or diagnostic fields) packet received in state R1.	173
R1/R1_Improper/	P1_203		Verify the IUT discards or restarts a too long Restart Indication (one octet after the Diagnostic field) received in state R1.	174
R1/R1_Improper/	P1_204		Verify the IUT discards or restarts a too long Restart Confirmation (one octet appended to the end of the packet) received in state R1.	174
R1/R1_Improper/	P1_206	NOTCCITT	Verify the IUT discards a Diagnostic packet with an assigned LCN not equal to zero received in state R1.	175
R1/R1_Improper/	P1_207	NOTCCITT	Verify the IUT discards a too short Diagnostic packet (no diagnostic or explanation fields) received in state R1.	175
R1/R1_Improper/	P1_208	NOTCCITT	Verify the IUT discards a too long Diagnostic packet (explanation field of three octets plus one appended octet) received in state R1.	175
R1/R1_Improper/	P1_209		Verify the IUT discards packet of length one octet received in state R1.	176
R1/R1_Improper/	P1_210		Verify the IUT discards Restart Indications with an invalid GFI received in state R1.	176

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Table 8 (Page 2 of 19). Test Case Index

Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R1/R1_Improper/	P1_211A		Verify the IUT discards a Incoming Call with unassigned LCI received in state R1.	176
R1/R1_Improper/	P1_211B		Verify the IUT discards a Call Connected packet with unassigned LCI received in state R1.	177
R1/R1_Improper/	P1_211C		Verify the IUT discards a Clear Indication with unassigned LCI received in state R1.	177
R1/R1_Improper/	P1_211D		Verify the IUT discards a Clear Confirmation with unassigned LCI received in state R1.	177
R1/R1_Improper/	P1_211E		Verify the IUT discards a Data packet with unassigned LCI received in state R1.	178
R1/R1_Improper/	P1_211F		Verify the IUT discards an Interrupt packet with unassigned LCI received in state R1.	178
R1/R1_Improper/	P1_211G		Verify the IUT discards an Interrupt Confirmation with unassigned LCI received in state R1.	178
R1/R1_Improper/	P1_211H		Verify the IUT discards a Receive Ready (RR) with unassigned LCI received in state R1.	179
R1/R1_Improper/	P1_211I		Verify the IUT discards a Receive Not Ready (RNR) with unassigned LCI received in state R1.	179
R1/R1_Improper/	P1_211J		Verify the IUT discards a Reset Indication with unassigned LCI received in state R1.	179
R1/R1_Improper/	P1_211K		Verify the IUT discards a Reset Confirmation with unassigned LCI received in state R1.	180
R1/R1_Improper/	P1_211L		Verify the IUT discards a Reject packet with unassigned LCI received in state R1.	180
R1/R1_Inopportune/	P1_301		Verify the IUT restarts a Restart Confirmation with the correct diagnostic code received in state R1.	180
R2/R2_Proper/	P2_101		Verify the R2 to R1 transition via Restart Indication.	181
R2/R2_Proper/	P2_102		Verify the R2 to R1 transition via Restart Confirmation.	181
R2/R2_Proper/	P2_103		Verify the IUT does not respond to a Diagnostic packet received in state R2.	181
R2/R2_Improper/	P2_201		Verify the IUT discards a packet of length two octets received in state R2.	182
R2/R2_Improper/	P2_202A		Verify the IUT discards an Incoming Call with LCI = 0 received in state R2.	182
R2/R2_Improper/	P2_202B		Verify the IUT discards a Call Connected packet with LCI = 0 received in state R2.	182
R2/R2_Improper/	P2_202C		Verify the IUT discards a Clear Indication with LCI = 0 received in state R2.	183
R2/R2_Improper/	P2_202D		Verify the IUT discards a Clear Confirmation with LCI = 0 received in state R2.	183
R2/R2_Improper/	P2_202E		Verify the IUT discards a Data packet with LCI = 0 received in state R2.	183
R2/R2_Improper/	P2_202F		Verify the IUT discards an Interrupt packet with LCI = 0 received in state R2.	184
R2/R2_Improper/	P2_202G		Verify the IUT discards an Interrupt Confirmation with LCI = 0 received in state R2.	184
R2/R2_Improper/	P2_202H		Verify the IUT discards a Receive Ready (RR) with LCI = 0 received in state R2.	184
R2/R2_Improper/	P2_202I		Verify the IUT discards a Receive Not Ready (RNR) with LCI = 0 received in state R2.	185

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R2/R2_Improper/	P2_202J		Verify the IUT discards a Reset Indication with LCI = 0 received in state R2	185
R2/R2_Improper/	P2_202K		Verify the IUT discards a Reset Confirmation with LCI = 0 received in state R2.	185
R2/R2_Improper/	P2_202L		Verify the IUT discards a Reject packet with LCI = 0 received in state R2.	186
R2/R2_Improper/	P2_203A		Verity the IUT discards an unidentified packet on logical channel zero received in state R2.	186
R2/R2_Improper/	P2_203B		Verity the IUT discards an unidentified packet on a valid logical channel received in state R2.	186
R2/R2_Improper/	P2_203C		Verity the IUT discards an unidentified packet on an unassigned logical channel received in state R2.	187
R2/R2_Improper/	P2_204		Verify the IUT discards a Restart Indication with LCI not equal to zero received in state R2.	187
R2/R2_Improper/	P2_205		Verify the IUT discards a Restart Confirmation with LCI not equal to zero received in state R2.	187
R2/R2_Improper/	P2_206		Verify the IUT restarts a too short Restart Indication received in state R2.	188
R2/R2_Improper/	P2_207		Verify the IUT restarts a too long Restart Indication received in state R2.	188
R2/R2_Improper/	P2_208		Verify the IUT restarts a too long Restart Confirmation received in state R2.	189
R2/R2_Improper/	P2_210	NOTCCITT	Verify the IUT does not respond to a Diagnostic packet on an assigned LCI not equal to zero received in state R2.	189
R2/R2_Improper/	P2_211	NOTCCITT	Verify the IUT discards a too short Diagnostic packet (no Diagnostic code or Explanation fields) received in state R2.	189
R2/R2_Improper/	P2_212	NOTCCITT	Verify the IUT discards a too long Diagnostic packet (explanation field of three octets plus one appended octet) received in state R2.	190
R2/R2_Improper/	P2_213		Verify the IUT discards a too short packet (length of one octet) received in state R2.	190
R2/R2_Improper/	P2_214		Verify the IUT discards a Restart Indications with an invalid GFI received in state R2.	190
R2/R2_Improper/	P2_215A		Verify the IUT discards an Incoming Call on an unassigned LCI received in state R2.	191
R2/R2_Improper/	P2_215B		Verify the IUT discards a Call connected packet on an unassigned LCI received in state R2.	191
R2/R2_Improper/	P2_215C		Verify the IUT discards a Clear Indication on an unassigned LCI received in state R2.	191
R2/R2_Improper/	P2_215D		Verify the IUT discards a Clear Confirmation on an unassigned LCI received in state R2.	192
R2/R2_Improper/	P2_215E		Verify the IUT discards a Data packet on an unassigned LCI received in state R2.	192
R2/R2_Improper/	P2_215F		Verify the IUT discards a Interrupt packet on an unassigned LCI received in state R2.	192
R2/R2_Improper/	P2_215G		Verify the IUT discards an Interrupt Confirmation on an unassigned LCI received in state R2.	193

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R2/R2_Improper/	P2_215H		Verify the IUT discards a Receive Ready (RR) on an unassigned LCI received in state R2.	193
R2/R2_Improper/	P2_215I		Verify the IUT discards a Receive Not Ready (RNR) on an unassigned LCI received in state R2.	193
R2/R2_Improper/	P2_215J		Verify the IUT discards a Reset Indication on an unassigned LCI received in state R2.	194
R2/R2_Improper/	P2_215K		Verify the IUT discards a Reset Confirmation on an unassigned LCI received in state R2.	194
R2/R2_Improper/	P2_215L		Verify the IUT discards a Reject packet on an unassigned LCI received in state R2.	194
R2/R2_Improper/	P2_215M		Verify the IUT discards a Restart Indication on a unassigned LCI received in state R2.	195
R2/R2_Improper/	P2_215N		Verify the IUT discards a Restart Confirmation on an unassigned LCI received in state R2.	195
R2/R2_Inopportune/	P2_301A		Verify the IUT discards an Incoming Call received in state R2.	195
R2/R2_Inopportune/	P2_301B		Verify the IUT discards a Call Connected packet received in state R2.	196
R2/R2_Inopportune/	P2_301C		Verify the IUT discards a Clear Indication received in state R2.	196
R2/R2_Inopportune/	P2_301D		Verify the IUT discards a Clear Confirmation received in state R2.	196
R2/R2_Inopportune/	P2_301E		Verify the IUT discards a Data packet received in state R2.	197
R2/R2_Inopportune/	P2_301F		Verify the IUT discards an Interrupt received in state R2.	197
R2/R2_Inopportune/	P2_301G		Verify the IUT discards an Interrupt Confirmation received in state R2.	197
R2/R2_Inopportune/	P2_301H		Verify the IUT discards a Receive Ready (RR) received in state R2.	198
R2/R2_Inopportune/	P2_301I		Verify the IUT discards a Receive Not Ready (RNR) received in state R2.	198
R2/R2_Inopportune/	P2_301J		Verify the IUT discards a Reset Indication received in state R2.	198
R2/R2_Inopportune/	P2_301K		Verify the IUT discards a Reset Confirmation received in state R2.	199
R2/R2_Inopportune/	P2_301L		Verify the IUT discards a Reject packet received in state R2	199
R3/R3_Proper/	P3_101		Verify the IUT accepts a valid Diagnostic packet received in state R3.	200
R3/R3_Improper/	P3_201		Verify the IUT restarts or discards a packet of length two octets received in state R3.	200
R3/R3_Improper/	P3_202A		Verify the IUT discards an Incoming Call with LCI = 0 received state in R3.	201
R3/R3_Improper/	P3_202B		Verify the IUT discards a Call Connected packet with LCI = 0 received state in R3.	201
R3/R3_Improper/	P3_202C		Verify the IUT discards a Clear Indication with LCI = 0 received state in R3.	201
R3/R3_Improper/	P3_202D		Verify the IUT discards a Clear Confirmation with LCI = 0 received state in R3.	202
R3/R3_Improper/	P3_202E		Verify the IUT discards a Data packet with LCI = 0 received state in R3.	202

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R3/R3_Improper/	P3_202F		Verify the IUT discards an Interrupt packet with LCI = 0 received state in R3.	202
R3/R3_Improper/	P3_202G		Verify the IUT discards an Interrupt Confirmation with LCI = 0 received state in R3.	203
R3/R3_Improper/	P3_202H		Verify the IUT discards a Receive Ready (RR) with LCI = 0 received state in R3.	203
R3/R3_Improper/	P3_202I		Verify the IUT discards a Receive Not Ready (RNR) packet with LCI = 0 received state in R3.	203
R3/R3_Improper/	P3_202J		Verify the IUT discards a Reset Indication with LCI = 0 received state in R3.	204
R3/R3_Improper/	P3_202K		Verify the IUT discards a Reset Confirmation with LCI = 0 received state in R3.	204
R3/R3_Improper/	P3_202L		Verify the IUT discards a Reject packet with LCI = 0 received state in R3.	204
R3/R3_Improper/	P3_203A		Verify the IUT restarts or discards an unidentified packet on logical channel zero received in state R3.	205
R3/R3_Improper/	P3_203B		Verify the IUT restarts or discards an unidentified packet on a valid logical channel received in state R3.	206
R3/R3_Improper/	P3_203C		Verify the IUT restarts or discards an unidentified packet on an unassigned logical channel received in state R3.	207
R3/R3_Improper/	P3_204	NOTCCITT	Verify IUT restarts a Restart Indication with an assigned LCI not equal to zero, received in state R3.	207
R3/R3_Improper/	P3_205	NOTCCITT	Verify IUT restarts a Restart Confirmation with an assigned LCI not equal to zero, received in state R3.	208
R3/R3_Improper/	P3_206		Verify the IUT restarts or discards a too short Restart Indication received in state R3.	208
R3/R3_Improper/	P3_207		Verify the IUT restarts or discards a too long Restart Indication received in state R3.	209
R3/R3_Improper/	P3_208		Verify the IUT restarts or discards a too long Restart Confirmation received in state R3.	210
R3/R3_Improper/	P3_210	NOTCCITT	Verify the IUT discards a Diagnostic packet with an assigned LCI not equal to zero recieved in state R3.	210
R3/R3_Improper/	P3_211	NOTCCITT	Verify the IUT discards a too short Diagnostic packet received in state R3.	211
R3/R3_Improper/	P3_212	NOTCCITT	Verify the IUT discards a too long Diagnostic packet received in state R3.	211
R3/R3_Improper/	P3_213		Verify the IUT discards a too short Diagnostic packet received in state R3.	211
R3/R3_Improper/	P3_214		Verify the IUT discards Restart Indications with an invalid GFI received in state R3.	212
R3/R3_Improper/	P3_215A		Verify the IUT discards an Incoming Call on an unassigned logical channel received in state R3.	212
R3/R3_Improper/	P3_215B		Verify the IUT discards an Call Connected on an unassigned logical channel received in state R3.	213
R3/R3_Improper/	P3_215C		Verify the IUT discards a Clear Indication on an unassigned logical channel received in state R3.	213

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R3/R3_Improper/	P3_215D		Verify the IUT discards an Clear Confirmation on an unassigned logical channel received in state R3.	214
R3/R3_Improper/	P3_215E		Verify the IUT discards an Data packet on an unassigned logical channel received in state R3.	214
R3/R3_Improper/	P3_215F		Verify the IUT discards an Interrupt on an unassigned logical channel received in state R3.	215
R3/R3_Improper/	P3_215G		Verify the IUT discards an Interrupt Confirmation on an unassigned logical channel received in state R3.	215
R3/R3_Improper/	P3_215H		Verify the IUT discards a Receive Ready (RR) on an unassigned logical channel received in state R3.	216
R3/R3_Improper/	P3_215I		Verify the IUT discards a Receive Not Ready (RNR) on an unassigned logical channel received in state R3.	216
R3/R3_Improper/	P3_215J		Verify the IUT discards a Reset Indication on an unassigned logical channel received in state R3.	217
R3/R3_Improper/	P3_215K		Verify the IUT discards a Reset Confirmation on an unassigned logical channel received in state R3.	217
R3/R3_Improper/	P3_215L		Verify the IUT discards a Reject on an unassigned logical channel received in state R3.	218
R3/R3_Improper/	P3_215M		Verify the IUT discards a Restart on an unassigned logical channel received in state R3.	218
R3/R3_Improper/	P3_215N		Verify the IUT discards a Restart Confirmation on an unassigned logical channel received in state R3.	219
R3/R3_Inopportune/	P3_301		Verify the IUT discards a Restart Indication received in state R3.	219
R3/R3_Inopportune/	P3_302		Verify the IUT restarts a Restart Confirmation received in state R3.	220
R3/R3_Inopportune/	P3_303A		Verify the IUT restarts an Incoming Call received in state R3.	220
R3/R3_Inopportune/	P3_303B		Verify the IUT restarts a Call Connected packet received in state R3.	221
R3/R3_Inopportune/	P3_303C		Verify the IUT restarts a Clear Indication received in state R3.	222
R3/R3_Inopportune/	P3_303D		Verify the IUT restarts a Clear Confirmation received in state R3.	223
R3/R3_Inopportune/	P3_303E		Verify the IUT restarts a Data packet received in state R3.	224
R3/R3_Inopportune/	P3_303F		Verify the IUT restarts an Interrupt packet received in state R3.	225
R3/R3_Inopportune/	P3_303G		Verify the IUT restarts an Interrupt Confirmation received in state R3.	226
R3/R3_Inopportune/	P3_303H		Verify the IUT restarts a Receive Ready (RR) received in state R3.	227
R3/R3_Inopportune/	P3_303I		Verify the IUT restarts a Receive Not Ready (RNR) received in state R3.	228
R3/R3_Inopportune/	P3_303J		Verify the IUT restarts a Reset Indication received in state R3.	229
R3/R3_Inopportune/	P3_303K		Verify the IUT restarts a Reset Confirmation received in state R3.	230

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R3/R3_Inopportune/	P3_303L		Verify the IUT restarts a Reject packet received in state R3.	231
P1/P1_Proper/	P4_101	INCACC	Verify the IUT accepts a valid Incoming Call received in state P1.	232
P1/P1_Proper/	P4_103		Verify that the IUT confirms a CLEAR with cause '01'H received in state P1.	232
P1/P1_Proper/	P4_104		Verify that the IUT confirms a CLEAR with cause '05'H received in state P1.	232
P1/P1_Proper/	P4_105		Verify that the IUT confirms a CLEAR with cause '11'H received in state P1.	233
P1/P1_Proper/	P4_106		Verify that the IUT confirms a CLEAR with cause '13'H received in state P1.	233
P1/P1_Proper/	P4_107		Verify that the IUT confirms a CLEAR with cause '21'H received in state P1.	234
P1/P1_Improper/	P4_201		Verify the IUT clears a packet of length two octets received in state P1.	234
P1/P1_Improper/	P4_202		Verify that the IUT clears a packet of unidentified type in state P1.	235
P1/P1_Improper/	P4_203		Verify that the IUT clears a Restart packet with an assigned LCI not equal to zero received in state P1.	235
P1/P1_Improper/	P4_204		Verify that the IUT clears a Restart Confirm packet received on an assigned LCI not equal to zero while in state P1.	236
P1/P1_Improper/	P4_205	S2	Verify that the IUT clears a too short Incoming Call packet received in state P1.	236
P1/P1_Improper/	P4_206	INCACC	Verify the IUT clears a too long Incoming Call packet (user data field of 17 or 129 octets) while in state P1.	237
P1/P1_Improper/	P4_207		Verify the IUT clears a too long Call Connected packet (user data field of 1 or 129 octets) while in state P1.	237
P1/P1_Improper/	P4_208		Verify that the IUT clears a too short Clear Indication packet (no cause code or diagnostic code fields) while in state P1.	237
P1/P1_Improper/	P4_209		Verify that the IUT clears a too long Clear Indication packet while in state P1.	238
P1/P1_Improper/	P4_210		Verify that the IUT clears a too long Clear Confirmation packet (110 octets appended to the end of the packet) while in state P1.	238
P1/P1_Inopportune/	P4_301		Verify the IUT clears a Call Connected packet received in state P1.	239
P1/P1_Inopportune/	P4_302		Verify the IUT clears a Clear Confirm packet received in state P1.	239
P1/P1_Inopportune/	P4_305		Verify the IUT clears an Interrupt Confirmation packet received in state P1.	239
P1/P1_Inopportune/	P4_306		Verify the IUT clears a Receive Ready packet received in state P1.	240
P1/P1_Inopportune/	P4_307		Verify the IUT clears a Receive Not Ready packet received in state P1.	240
P1/P1_Inopportune/	P4_308		Verify the IUT clears a Reset Indication packet received in state P1.	240
P1/P1_Inopportune/	P4_309		Verify the IUT clears a Reset Confirmation packet received in state P1.	241
P1/P1_Inopportune/	P4_310		Verify the IUT clears an Interrupt packet received in state P1.	241
P2/P2_Proper/	P5_101	S2	Verify the IUT correctly handles an Incoming Call received in state P2.	242

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
P2/P2_Proper/	P5_103		Verify the IUT accepts a Call Connected packet while in state P2.	242
P2/P2_Proper/	P5_104		Verify the IUT confirms a Clear with cause code of '01'H received in state P2.	242
P2/P2_Proper/	P5_105		Verify the IUT confirms a Clear with cause code of '05'H received in state P2.	243
P2/P2_Proper/	P5_106		Verify the IUT confirms a Clear with cause code of '11' H received in state P2.	243
P2/P2_Proper/	P5_107		Verify the IUT confirms a Clear with cause code of '13'H received in state P2.	244
P2/P2_Proper/	P5_108		Verify the IUT confirms a Clear with cause code of '21'H received in state P2.	244
P2/P2_Improper/	P5_201		Verify the IUT clears a packet of length two octets received in state P2.	245
P2/P2_Improper/	P5_202		Verify the IUT clears a packet with an undefined PTI field received in state P2.	245
P2/P2_Improper/	P5_203		Verify the IUT clears a Restart Indication with LCI < > 0 received in state P2.	246
P2/P2_Improper/	P5_204		Verify the IUT clears a Restart Confirmation with LCI < > 0 received in state P2.	246
P2/P2_Improper/	P5_205	S2	Verify the IUT clears or discards a too short Incoming Call received in state P2.	247
P2/P2_Improper/	P5_206	S2	Verify the IUT clears or discards a too long Incoming Call packet (user data field of 17 or 129 octets) received in state P2.	247
P2/P2_Improper/	P5_207		Verify the IUT clears a too long Call Connected packet (user date field of 1 or 129 octets) received in state P2.	248
P2/P2_Improper/	P5_208		Verify the IUT clears a too short Clear Indication packet (no cause code or diagnostic code) received in state P2.	248
P2/P2_Improper/	P5_209		Verify the IUT clears a too long Clear Indication packet received in state P2.	249
P2/P2_Improper/	P5_210		Verify the IUT clears a too long Clear Confirmation packet received in state P2.	249
P2/P2_Inopportune/	P5_301		Verify the IUT clears a Clear Confirmation packet with valid Logical Channel Identifier while in state P2.	250
P2/P2_Inopportune/	P5_302		Verify the IUT clears a Data packet with valid Logical Channel Identifier while in state P2.	250
P2/P2_Inopportune/	P5_303		Verify the IUT clears an Interrupt packet with valid Logical Channel Identifier while in state P2.	250
P2/P2_Inopportune/	P5_304		Verify the IUT clears an Interrupt Confirmation packet with valid Logical Channel Identifier while in state P2.	251
P2/P2_Inopportune/	P5_305		Verify the IUT clears an RR packet with valid Logical Channel Identifier while in state P2.	251
P2/P2_Inopportune/	P5_306		Verify the IUT clears an RNR packet with valid Logical Channel Identifier while in state P2.	251
P2/P2_Inopportune/	P5_307		Verify the IUT clears an Reset packet with valid Logical Channel Identifier while in state P2 .	252
P2/P2_Inopportune/	P5_308		Verify the IUT clears an Reset Confirm packet with valid Logical Channel Identifier while in state P2.	252

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
P3/P3_Proper/	P6_101		Verify the IUT confirms a Clear with cause '01'H received in state P3.	253
P3/P3_Proper/	P6_102		Verify the IUT confirms a Clear with cause '05'H received in state P3.	253
P3/P3_Proper/	P6_103		Verify the IUT confirms a Clear with cause '11'H received in state P3.	254
P3/P3_Proper/	P6_104		Verify the IUT confirms a Clear with cause '13'H received in state P3.	254
P3/P3_Proper/	P6_105		Verify the IUT confirms a Clear with cause '21'H received in state P3.	255
P3/P3_Improper/	P6_201		Verify the IUT clears a too short packet with length two octets received in state P3.	255
P3/P3_Improper/	P6_202		Verify the IUT clears a packet of undefined type received in state P3.	256
P3/P3_Improper/	P6_203		Verify the IUT clears a Restart packet on an assigned LCI not equal to zero received in state P3.	256
P3/P3_Improper/	P6_204		Verify the IUT clears a Restart Confirmation packet on an assigned LCI not equal to zero received in state P3.	257
P3/P3_Improper/	P6_205		Verify the IUT clears a too short Incoming Call packet received in state P3.	257
P3/P3_Improper/	P6_206		Verify the IUT clears a too long Incoming Call packet (user data field of 17 or 129 octets) received in state P3.	258
P3/P3_Improper/	P6_207		Verify the IUT clears a too long Call Connected packet (user data field of 1 or 129 octets) received in state P3.	258
P3/P3_Improper/	P6_208		Verify the IUT clears a too short Clear Indication packet (no cause code or diagnostic code fields) received in state P3.	259
P3/P3_Improper/	P6_209		Verify the IUT clears a too long Clear Indication packet received in state P3.	259
P3/P3_Improper/	P6_210		Verify the IUT clears a too long Clear Confirmation packet (110 octets appended to the end of the packet) received in state P3.	260
P3/P3_Inopportune/	P6_301		Verify the IUT clears an Incoming Call received in state P3.	260
P3/P3_Inopportune/	P6_303		Verify the IUT clears a Call Connected packet received in state P3.	261
P3/P3_Inopportune/	P6_304		Verify the IUT clears a Clear Confirmation packet received in state P3.	261
P3/P3_Inopportune/	P6_305		Verify the IUT clears a Data packet received in state P3.	261
P3/P3_Inopportune/	P6_306		Verify the IUT clears an Interrupt packet received in state P3.	262
P3/P3_Inopportune/	P6_307		Verify the IUT clears an Interrupt Confirm received in state P3.	262
P3/P3_Inopportune/	P6_308		Verify the IUT clears an RR packet received in state P3.	262
P3/P3_Inopportune/	P6_309		Verify the IUT clears an RNR packet received in state P3.	263
P3/P3_Inopportune/	P6_310		Verify the IUT clears a Reset Indication received in state P3.	263
P3/P3_Inopportune/	P6_311		Verify the IUT clears a Reset Confirmation received in state P3.	263
P4/P4_Proper/	P7_101		Verify the IUT acknowledges a Clear with cause code '01'H received in state P4.	264

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
P4/P4_Proper/	P7_102		Verify the IUT acknowledges a Clear with cause code '05'H received in state P4.	264
P4/P4_Proper/	P7_103		Verify the IUT acknowledges a Clear with cause code '11'H received in state P4.	265
P4/P4_Proper/	P7_104		Verify the IUT acknowledges a Clear with cause code '13'H received in state P4.	265
P4/P4_Proper/	P7_105		Verify the IUT acknowledges a Clear with cause code '21'H received in state P4.	266
P4/P4_Improper/	P7_201		Verify the IUT clears a too short Incoming Call packet received in state P4.	266
P4/P4_Improper/	P7_202		Verify the IUT clears a too long Incoming Call packet (user data field of 17 or 129 octets) received in state P4.	267
P4/P4_Improper/	P7_203		Verify the IUT clears a too long Call Connected packet (user data field of 1 or 129 octets) received in state P4.	267
P4/P4_Improper/	P7_204		Verify the IUT clears a too short Clear Indication packet (no cause code or diagnostic code fields) received in state P4.	268
P4/P4_Improper/	P7_205		Verify the IUT clears a too long Clear Indication packet received in state P4.	268
P4/P4_Improper/	P7_206		Verify the IUT clears a too long Clear Confirmation packet (110 octets appended to the end of the packet) received in state P4.	269
P4/P4_Inopportune/	P7_301		Verify the IUT clears an Incoming Call packet received in state P4.	269
P4/P4_Inopportune/	P7_303		Verify the IUT clears a Call Connected packet received in state P4.	270
P4/P4_Inopportune/	P7_304		Verify the IUT clears a Clear Confirmation packet received in state P4.	270
P5/P5_Proper/	P8_101		Verify P5 to P4 transition using a Call Connected packet.	271
P5/P5_Proper/	P8_102		Verify the IUT confirms a Clear with cause '01'H received in state P5.	271
P5/P5_Proper/	P8_103		Verify the IUT confirms a Clear with cause '05'H received in state P5.	272
P5/P5_Proper/	P8_104		Verify the IUT confirms a Clear with cause '11'H received in state P5.	272
P5/P5_Proper/	P8_105		Verify the IUT confirms a Clear with cause '13'H received in state P5.	272
P5/P5_Proper/	P8_106		Verify the IUT confirms a Clear with cause '21'H received in state P5.	273
P5/P5_Improper/	P8_201		Verify the IUT clears a too short packet (PTI field is NIL) received in state P5.	273
P5/P5_Improper/	P8_202		Verify the IUT clears a packet of undefined type (PTI equal '0D'H) received in state P5.	274
P5/P5_Improper/	P8_203		Verify the IUT clears a Restart packet on an assigned LCI not equal to zero received in state P5.	274
P5/P5_Improper/	P8_204		Verify the IUT clears a Restart Confirmation packet on an assigned LCI not equal to zero received in state P5.	275
P5/P5_Improper/	P8_205		Verify the IUT clears a too short Incoming Call packet (no called address field) received in state P5.	275
P5/P5_Improper/	P8_206		Verify the IUT clears or discards a too long Incoming Call packet (user data field of 17 or 129 octets) received in state P5.	276

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
P5/P5_Improper/	P8_207		Verify the IUT clears a too long Call Connected packet (user data field of 1 or 129 octets) received in state P5.	276
P5/P5_Improper/	P8_208		Verify the IUT clears a too short Clear Indication packet (no cause or diagnostic code fields) received in state P5.	277
P5/P5_Improper/	P8_209		Verify the IUT clears a too long Clear Indication packet received in state P5.	277
P5/P5_Improper/	P8_210		Verify the IUT clears a too long Clear Confirmation packet (1 or 110 octets appended to the end of the packet) received in state P5.	278
P5/P5_Inopportune/	P8_301		Verify the IUT clears an Incoming Call packet received in state P5	278
P5/P5_Inopportune/	P8_303		Verify the IUT clears a Clear Confirmation received in state P5.	278
P5/P5_Inopportune/	P8_304		Verify the IUT clears a Data packet received in state P5.	279
P5/P5_Inopportune/	P8_305		Verify the IUT clears an Interrupt packet received in state P5.	279
P5/P5_Inopportune/	P8_306		Verify the IUT clears an Interrupt Confirmation packet received in state P5.	279
P5/P5_Inopportune/	P8_307		Verify the IUT clears a Receive Ready (RR) packet received in state P5.	280
P5/P5_Inopportune/	P8_308		Verify the IUT clears a Receive Not Ready (RNR) packet received in state P5.	280
P5/P5_Inopportune/	P8_309		Verify the IUT clears a Reset Indication packet received in state P5.	280
P5/P5_Inopportune/	P8_310		Verify the IUT clears a Reset Confirmation packet received in state P5.	281
P6/P6_Proper/	P9_101		Verify the IUT accepts a clear with cause code '01'H received in state P6.	282
P6/P6_Proper/	P9_102		Verify the IUT accepts a clear with cause code '05'H received in state P6.	282
P6/P6_Proper/	P9_103		Verify the IUT accepts a clear with cause code '11'H received in state P6.	282
P6/P6_Proper/	P9_104		Verify the IUT accepts a clear with cause code '13'H received in state P6.	283
P6/P6_Proper/	P9_105		Verify the IUT accepts a clear with cause code '21'H received in state P6.	283
P6/P6_Proper/	P9_106		Verify the IUT accepts a valid Clear Confirmation received in state P6.	283
P6/P6_Improper/	P9_201		Verify the IUT discards a too short (two octets) received in state P6.	284
P6/P6_Improper/	P9_202		Verify the IUT discards an unidentifiable packet received in state P6.	284
P6/P6_Improper/	P9_203		Verify the IUT discards Restart (LCI < > zero) received in state P6.	284
P6/P6_Improper/	P9_204		Verify the IUT discards a Restart Confirmation (LCI < > zero) received in state P6.	285
P6/P6_Improper/	P9_205		Verify the IUT discards a too short Incoming Call (no called address field) received in state P6.	285
P6/P6_Improper/	P9_206		Verify the IUT discards a too long Incoming Call packet (user data field of 17 or 129 octets) received in state P6.	285

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
P6/P6_Improper/	P9_207		Verify the IUT discards a too long Call Connect packet (user data field of 1 or 129 octets) received in state P6.	286
P6/P6_Improper/	P9_208		Verify the IUT clears a too short Clear Indication packet (no cause code or diagnostic code fields) received in state P6.	286
P6/P6_Improper/	P9_209		Verify the IUT clears a too long Clear Indication packet (user data field of 129 octets) received in state P6.	287
P6/P6_Improper/	P9_210		Verify the IUT clears a too long Clear Confirmation (110 octets appended to the end of the packet) received in state P6.	287
P6/P6_Inopportune/	P9_301		Verify the IUT discards an Incoming Call packet received in state P6.	287
P6/P6_Inopportune/	P9_303		Verify the IUT discards a Call Connected received in state P6.	288
P6/P6_Inopportune/	P9_304		Verify the IUT discards a Data packet received in state P6.	288
P6/P6_Inopportune/	P9_305		Verify the IUT discards an Interrupt packet received in state P6.	288
P6/P6_Inopportune/	P9_306		Verify the IUT discards an Interrupt Confirm received in state P6.	289
P6/P6_Inopportune/	P9_307		Verify the IUT discards a RR packet received in state P6.	289
P6/P6_Inopportune/	P9_308		Verify the IUT discards a RNR packet received in state P6.	289
P6/P6_Inopportune/	P9_309		Verify the IUT discards a Reset packet received in state P6.	290
P6/P6_Inopportune/	P9_310		Verify the IUT discards a Reset Confirmation received in state P6.	290
P7/P7_Improper/	P10_201		Verify the IUT clears a too short packet (two octets) received in state P7.	291
P7/P7_Improper/	P10_202		Verify the IUT clears an unidentifiable packet received in state P7.	291
P7/P7_Improper/	P10_203		Verify the IUT clears a Restart Indication (LCI < > zero) received in state P7.	292
P7/P7_Improper/	P10_204		Verify the IUT clears a Restart Confirmation (LCI < > zero) received in state P7.	292
P7/P7_Improper/	P10_205		Verify the IUT in state P7 clears a too short Incoming Call (no called address field) received in state P7.	293
P7/P7_Improper/	P10_206		Verify the IUT clears a too long Incoming Call (user data field of 17 or 129 octets) received in state P7.	293
P7/P7_Improper/	P10_207		Verify the IUT clears a too long Call Connected packet (user data field of 1 or 129 octets) received in state P7.	294
P7/P7_Improper/	P10_208		Verify the IUT discards a too short Clear Indication packet (no cause or diagnostic fields) received in state P7.	294
P7/P7_Improper/	P10_209		Verify the IUT discards a too long Clear Indication packet (user data field of 129 octets) received in state P7.	295
P7/P7_Improper/	P10_210		Verify the IUT clears a too long Clear Confirmation packet (110 octets appended) received in state P7.	295
P7/P7_Inopportune/	P10_301		Verify the IUT clears an Incoming Call received in state P7.	296

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
P7/P7_Inopportune/	P10_303		Verify the IUT clears a Call Connected packet received in state P7.	296
P7/P7_Inopportune/	P10_304		Verify the IUT discards a Clear Indication with cause '01'H received in state P7.	297
P7/P7_Inopportune/	P10_305		Verify the IUT discards a Clear Indication with cause '05'H received in state P7.	297
P7/P7_Inopportune/	P10_306		Verify the IUT discards a Clear Indication with cause '11'H received in state P7.	298
P7/P7_Inopportune/	P10_307		Verify the IUT discards a Clear Indication with cause '13'H received in state P7.	298
P7/P7_Inopportune/	P10_308		Verify the IUT discards a Clear Indication with cause '21'H received in state P7.	299
P7/P7_Inopportune/	P10_309		Verify the IUT clears a Clear Confirm packet received in state P7.	299
P7/P7_Inopportune/	P10_310		Verify the IUT clears a Data packet received in state P7	300
P7/P7_Inopportune/	P10_311		Verify the IUT clears an Interrupt packet received in state P7	300
P7/P7_Inopportune/	P10_312		Verify the IUT clears an Interrupt Confirmation received in state P7.	301
P7/P7_Inopportune/	P10_313		Verify the IUT clears an RR packet received in state P7	301
P7/P7_Inopportune/	P10_314		Verify the IUT clears RNR packet received in state P7	302
P7/P7_Inopportune/	P10_315		Verify the IUT clears a Reset packet received in state P7.	302
P7/P7_Inopportune/	P10_316		Verify the IUT clears a Reset Confirmation packet received in state P7.	303
D1/D1_Proper/	P11_101		Verify the IUT can accept a Reset Indication received in state D1.	304
D1/D1_Proper/	P11_102	RCV_DATA	Verify the IUT can accept Data in state D1.	304
D1/D1_Proper/	P11_103	RCV_DATA_AND_RESET	Verify the IUT can accept Data after a Reset/Reset Confirmation exchange in state D1.	305
D1/D1_Improper/	P11_201		Verify the IUT resets a too short packet (two octets) received in state D1.	305
D1/D1_Improper/	P11_202		Verify the IUT resets an unidentifiable packet (PTI field equals '0D'H) received in state D1.	306
D1/D1_Improper/	P11_203		Verify the IUT resets a Restart Indication with an assigned LCI not equal to zero received in state D1.	307
D1/D1_Improper/	P11_204		Verify the IUT resets a Restart Confirmation packet with an assigned LCI not equal to zero received in state D1.	308
D1/D1_Improper/	P11_205		Verify the IUT resets a too short Reset Indication (Diagnostic field is NIL) received in state D1.	309
D1/D1_Improper/	P11_206		Verify the IUT resets a too long Reset Indication (one octet appended) received in state D1.	310
D1/D1_Improper/	P11_207		Verify the IUT resets a too long Reset Confirmation packet (one octet appended) received in state D1.	311
D1/D1_Inopportune/	P11_301		Verify the IUT resets a Reset Confirmation received in state D1.	312
D1/D1_Inopportune/	P11_302	SUPPORT_PVC	Verify the IUT resets an Incoming Call packet received on a PVC in state D1.	313

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
D1/D1_Inopportune/	P11_303	SUPPORT_PVC	Verify the IUT resets a Clear Indication received on a PVC in state D1.	313
D2/D2_Proper/	P12_101	SUPPORT_VC_OR_PVC	Verify the IUT changes to state D1 when a Reset Indication is received in state D2.	314
D2/D2_Proper/	P12_102	SUPPORT_VC_OR_PVC	Verify the IUT is in state D1 after receiving a Reset Confirmation while in state D2.	314
D2/D2_Improper/	P12_201	SUPPORT_VC_OR_PVC	Verify the IUT discards a too short packet (two octets) received in state D2.	314
D2/D2_Improper/	P12_202	SUPPORT_VC_OR_PVC	Verify the IUT discards an unidentifiable packet (PTI = '0D'H) received in state D2.	315
D2/D2_Improper/	P12_203	SUPPORT_VC_OR_PVC	Verify the IUT discards a Restart with an assigned LCI not equal to zero received in state D2.	315
D2/D2_Improper/	P12_204	SUPPORT_VC_OR_PVC	Verify the IUT discards a Restart Confirmation with an assigned LCI not equal to zero received in state D2.	315
D2/D2_Improper/	P12_205	SUPPORT_VC_OR_PVC	Verify the IUT resets a too short Reset Indication received in state D2.	316
D2/D2_Improper/	P12_206	SUPPORT_VC_OR_PVC	Verify the IUT resets a too long Reset Indication (one octet appended) received in state D2	316
D2/D2_Improper/	P12_207	SUPPORT_VC_OR_PVC	Verify the IUT resets long Reset Confirmation packet (one octet appended) received in state D2.	317
D2/D2_Inopportune/	P12_301	SUPPORT_VC_OR_PVC	Verify the IUT discards an Interrupt packet received in state D2.	317
D2/D2_Inopportune/	P12_302	SUPPORT_VC_OR_PVC	Verify the IUT discards an Interrupt Confirmation packet received in state D2.	318
D2/D2_Inopportune/	P12_303	SUPPORT_VC_OR_PVC	Verify the IUT discards a Data packet received in state D2.	318
D2/D2_Inopportune/	P12_304	SUPPORT_VC_OR_PVC	Verify the IUT discards an RR packet received in D2.	318
D2/D2_Inopportune/	P12_305	SUPPORT_VC_OR_PVC	Verify the IUT discards an RNR packet received in D2.	319
D2/D2_Inopportune/	P12_306	SUPPORT_PVC_RESET	Verify the IUT discards an Incoming Call packet received on a PVC in state D2.	319
D2/D2_Inopportune/	P12_307	SUPPORT_PVC_RESET	Verify the IUT discards a Clear Indication packet received on a PVC in state D2.	319
D3/D3_Improper/	P13_201		Verify the IUT resets a too short packet (two octets) received in state D3.	320
D3/D3_Improper/	P13_202		Verify the IUT resets or discards an unidentifiable packet (PTI field equals '0D'H) received in state D3.	321
D3/D3_Improper/	P13_203		Verify the IUT resets a Restart with an assigned LCI not equal to zero received in state D3.	322
D3/D3_Improper/	P13_204		Verify the IUT resets a Restart Confirmation on an assigned LCI not equal to zero received in state D3.	322
D3/D3_Improper/	P13_205		Verify the IUT resets a too short Reset Indication (Cause field is NIL, Diagnostic field is NIL) received in state D3.	323
D3/D3_Improper/	P13_206		Verify the IUT resets a too long Reset Indication (one octet appended) received in state D3.	323
D3/D3_Improper/	P13_207		Verify the IUT resets a too long Reset Confirmation (one octet appended) received in state D3.	324

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D3/D3_Inopportune/	P13_301		Verify the IUT discards a Reset Indication received in state D3.	324
D3/D3_Inopportune/	P13_302		Verify the IUT resets a Reset Confirmation received in state D3.	325
D3/D3_Inopportune/	P13_303		Verify the IUT resets an Interrupt packet received in state D3.	325
D3/D3_Inopportune/	P13_304		Verify the IUT resets an Interrupt Confirmation received in state D3.	326
D3/D3_Inopportune/	P13_305		Verify the IUT resets a Data packet received in state D3.	326
D3/D3_Inopportune/	P13_306		Verify the IUT resets an RR packet received in state D3.	327
D3/D3_Inopportune/	P13_307		Verify the IUT resets an RNR packet received in state D3.	327
D3/D3_Inopportune/	P13_308	SUPPORT_PVC	Verify the IUT resets an Incoming Call packet received on a PVC in state D3.	328
D3/D3_Inopportune/	P13_309	SUPPORT_PVC	Verify the IUT resets a Clear Indication received on a PVC in state D3.	328
I1/I1_Improper/	P14_201		Verify the IUT resets a too long Interrupt Confirmation (one octet appended) packet received in state I1.	329
I1/I1_Inopportune/	P14_301		Verify the IUT resets an Interrupt Confirmation received in state I1.	330
I2/I2_Proper/	P15_101		Verify the IUT moves from state I2 to I1 when an Interrupt Confirmation is received in state I2.	331
I2/I2_Improper/	P15_201		Verify the IUT resets a too long Interrupt Confirmation packet received in state I2.	332
J1/J1_Proper/	P16_101		Verify the IUT confirms an Interrupt received in state J1.	333
J1/J1_Improper/	P16_201		Verify the IUT resets a too short Interrupt packet received in state J1.	333
J1/J1_Improper/	P16_202		Verify the IUT resets a too long Interrupt (1 or 32 octets appended) received in state J1.	334
J2/J2_Improper/	P17_201		Verify the IUT resets a too short Interrupt received in state J2.	335
J2/J2_Improper/	P17_202		Verify the IUT resets a too long Interrupt packet (1 or 32 octets appended) received in state J2.	335
J2/J2_Inopportune/	P17_301		Verify the IUT resets an Interrupt packet received in state J2.	336
F1/F1_Proper/	P18_101	SEND_DATA	Verify the IUT will accept a window of DATA packets received in state F1.	337
F1/F1_Proper/	P18_102	SEND_DATA	Verify the IUT accepts an RNR packet after receiving a window of Data packets in state F1.	337
F1/F1_Improper/	P18_201		Verify the IUT resets or discards a too long RR packet (one octet appended) received in state F1.	338
F1/F1_Improper/	P18_202		Verify the IUT resets or discards a too long RNR packet received in state F1.	339
F1/F1_Inopportune/	P18_301		Verify the IUT resets an RR with an invalid P(R) received in state F1.	340
F1/F1_Inopportune/	P18_302		Verify the IUT resets an RNR with an invalid P(R) received in state F1.	341
F2/F2_Proper/	P19_101		Verify the IUT accepts a RR packet received in state F2.	342

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
F2/F2_Improper/	P19_201		Verify the IUT discards a too long RR packet (one octet appended) received in state F2.	343
F2/F2_Improper/	P19_202		Verify the IUT resets or discards a too long RNR packet (one octet appended) received in state F2.	344
F2/F2_Inopportune/	P19_301		Verify the IUT resets an RR with an invalid P(R) received in state F2.	345
F2/F2_Inopportune/	P19_302		Verify the IUT resets an RNR with an invalid P(R) received in state F2.	346
G1/G1_Proper/	P20_101		Verify the IUT is capable of receiving both values of the Q-bit received in state G1.	347
G1/G1_Proper/	P20_102		Verify the IUT can accept a Data packet with no user data received in state G1.	347
G1/G1_Improper/	P20_201		Verify the IUT discards, Rejects or Resets a too long Data packet received in state G1.	348
G1/G1_Improper/	P20_203		Verify the IUT discards, Rejects or Resets a too long Data packet with the M-bit set, received in state G1.	349
G1/G1_Inopportune/	P20_301		Verify the IUT resets a Data packet with bad P(R) received in state G1.	350
G1/G1_Inopportune/	P20_302		Verify the IUT resets, rejects, or discards a Data packet with bad P(S) received in state G1.	351
G1/G1_Inopportune/	P20_308		Verify the IUT resets a Data packet with D-bit set, when Delivery Confirmation is not used in state G1.	352
DATA_TRANSFER/ DATA_TRANSFER_Proper/	P22_101	SEND_MORE	Verify the IUT can transmit full window of Data packets and observe the maximum window size.	353
DATA_TRANSFER/ DATA_TRANSFER_Proper/	P22_102	SEND_MORE	Verify the IUT will not send Data packets when the receiver (Tester) is in the Busy condition (RNR).	354
DATA_TRANSFER/ DATA_TRANSFER_Proper/	P22_105	SEND_THREE	Verify the IUT properly processes the sequence number modulo.	354
DATA_TRANSFER/ DATA_TRANSFER_Proper/	P22_106		Verify the IUT supports Data packets with the M-bit set.	355
DATA_TRANSFER/ DATA_TRANSFER_Improper/	P22_202	DR1_AND_ISO8208	Verify the IUT resets a Data packet with an M-bit violation received in state D1.	355
DATA_TRANSFER/ DATA_TRANSFER_Improper/	P22_203	RCV_DATA	Verify the IUT resets a Data packet with a changing Q bit.	356
DATA_TRANSFER/ DATA_TRANSFER_Improper/	P22_204	RCV_DATA	Verify the IUT resets or rejects a Data packet with invalid P(S) received in state D1.	356
TIMER/TIMER_Proper/	P23_101	NODISC	Verify T20 timer operation.	357
TIMER/TIMER_Proper/	P23_102	CALLOUT	Verify T21 timer operation.	358
TIMER/TIMER_Proper/	P23_103	STATE_D2	Verify T22 timer operation for VCs and PVCs.	359
TIMER/TIMER_Proper/	P23_105	VS	Verify T23 timer operation	360
TIMER/TIMER_Proper/	P23_107	D1T25	Verify T25 timer operation for VCs and PVCs.	361
TIMER/TIMER_Proper/	P23_108	D1T26	Verify T26 timer operation for VCs and PVCs.	362
TIMER/TIMER_Proper/	P23_109	D1T27	Verify T27 timer operation for VCs and PVCs.	363
TIMER/TIMER_Proper/	P23_110	R1T28	Verify T28 timer operation for VCs and PVCs.	364

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
ADDRESS/ ADDRESS_Proper/	P24_101	INCACC	Verify the IUT accepts an Incoming Call with maximum called address length.	365
ADDRESS/ ADDRESS_Proper/	P24_102	INCACC	Verify the IUT accepts an Incoming Call with a valid calling and called address.	365
ADDRESS/ ADDRESS_Improper/	P24_202	EDVER	Verify the IUT clears an Incoming call packet with an invalid called address.	366
ADDRESS/ ADDRESS_Improper/	P24_203	INGVER	Verify the IUT clears an Incoming Call packet with an invalid calling address.	366
FACILITY/ FACILITY_Proper/	P25_101	FSINC	Verify the IUT supports fast select acceptance with no restriction on response.	367
FACILITY/ FACILITY_Proper/	P25_102	FSINC	Verify the IUT supports fast select acceptance with restriction on response.	367
FACILITY/ FACILITY_Proper/	P25_103	FSOUT	Verify the IUT accepts a Call Accept with user data, no restriction on response.	368
FACILITY/ FACILITY_Proper/	P25_104	FSOUT1	Verify the IUT supports a Clear Indication with user data < = 128 octets, no restriction on response.	368
FACILITY/ FACILITY_Proper/	P25_105	FSOUT2	Verify the IUT can handle a Call Request and Clear Request exchange with user data, restriction on response is supported.	369
FACILITY/ FACILITY_Proper/	P25_106	FSOUT2	Verify the IUT clears a Call Connected packet with user data when restriction on response is in effect.	369
FACILITY/ FACILITY_Proper/	P25_107	DTHRIN	Verify the IUT supports an Incoming Call with default throughput class.	370
FACILITY/ FACILITY_Proper/	P25_108	DTHROUT	Verify the IUT supports a Call Request with default throughput class.	370
FACILITY/ FACILITY_Proper/	P25_109	PSZD	Verify the IUT supports an Incoming Call with default packet size.	371
FACILITY/ FACILITY_Proper/	P25_110	DWIN	Verify the IUT supports an Incoming Call with default window size.	371
FACILITY/ FACILITY_Proper/	P25_111	TRD	Verify the IUT supports an Incoming Call with Transit Delay indication.	372
FACILITY/ FACILITY_Proper/	P25_112	BCUGIN	Verify the IUT accepts an Incoming Call with Closed User Group < 100.	372
FACILITY/ FACILITY_Proper/	P25_113	ECUG	Verify the IUT accepts an Incoming Call with CUG > 99 and CUG < 10000.	372
FACILITY/ FACILITY_Proper/	P25_114	BICUG	Verify the IUT accepts a Call with Bilateral CUG.	373
FACILITY/ FACILITY_Proper/	P25_115	RC	Verify the IUT accepts a call with Reverse Charging facility.	373
FACILITY/ FACILITY_Proper/	P25_116	AEF	Verify the IUT accepts a call using the CCITT-Specified DTE Calling and Called Address Extension Facility	373
FACILITY/ FACILITY_Improper/	P25_201	S2	Verify the IUT clears an Incoming Call packet with facility length greater than 109.	374
FACILITY/ FACILITY_Improper/	P25_202	S2	Verify the IUT clears an Incoming Call packet with no facility field.	374
FACILITY/ FACILITY_Improper/	P25_203	PSZD	Verify the IUT clears an Incoming Call packet with facility parameter not allowed.	375
FACILITY/ FACILITY_Improper/	P25_204	S2	Verify the IUT clears an Incoming Call packet with call duration.	375
FACILITY/ FACILITY_Improper/	P25_205	BCUGOUT	Verify the IUT clears a Call Connected packet containing Closed User Group (CUG).	376
FACILITY/ FACILITY_Improper/	P25_206	VS	Verify the IUT clears a Clear Indication containing flow control parameter negotiation.	377

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
FACILITY/ FACILITY_Improper/	P25_207	INCACC	Verify the IUT clears an Incoming Call packet with facilities length shorter than specified, answer initial Clear with a Clear Confirm with Reverse Charging facility.	378
FACILITY/ FACILITY_Improper/	P25_208	INCACC	Verify the IUT clears an Incoming Call with facility code 'FE'H.	379
FACILITY/ FACILITY_Improper/	P25_209	INCACC	Verify the IUT clears a Clear Indication with facility code 'FE'H.	379
REGISTRATION/ REGISTRATION_Proper/	P26_101	REGDB	Verify the IUT registers D-Bit modification.	380
REGISTRATION/ REGISTRATION_Proper/	P26_102	REGPR	Verify the IUT registers Packet Retransmission.	380
REGISTRATION/ REGISTRATION_Proper/	P26_103	REGEPS	Verify the IUT registers Extended Packet sequence numbering.	381
REGISTRATION/ REGISTRATION_Proper/	P26_104	REGCI	Verify the IUT supports the Charging Information Facility (Per-Interface basis).	381
REGISTRATION/ REGISTRATION_Proper/	P26_105	REGTC	Verify the IUT registers Throughput class negotiation.	382
REGISTRATION/ REGISTRATION_Proper/	P26_106	REGFC	Verify the IUT registers Flow Control negotiation.	382
REGISTRATION/ REGISTRATION_Proper/	P26_107	REGRC	Verify the IUT registers Reverse Charging facility.	383
REGISTRATION/ REGISTRATION_Proper/	P26_108	REGFSA	Verify the IUT registers Fast Select acceptance.	383
REGISTRATION/ REGISTRATION_Proper/	P26_109	REGOCB	Verify the IUT registers outgoing calls barred facility.	384
REGISTRATION/ REGISTRATION_Proper/	P26_110	REGICB	Verify the IUT registers Incoming Calls Barred.	384
REGISTRATION/ REGISTRATION_Proper/	P26_111	REGDTC	Verify the IUT registers Default Throughput Class.	385
REGISTRATION/ REGISTRATION_Proper/	P26_112	REGNPS	Verify the IUT registers Non-standard Default Packet Size.	385
REGISTRATION/ REGISTRATION_Proper/	P26_113	REGNWS	Verify the IUT registers Nonstandard Default Window size.	386
MULTIPLE_LCI/ MULTIPLE_LCI_Proper/	P27_101	MOUT	Verify the IUT can set up multiple outgoing calls.	387
MULTIPLE_LCI/ MULTIPLE_LCI_Proper/	P27_102	MOUT	Verify the IUT can set up and clear multiple outgoing calls.	387
MULTIPLE_LCI/ MULTIPLE_LCI_Proper/	P27_103	MINC	Verify the IUT can accept multiple incoming calls.	388
DTE_TO_DTE/ DTE_TO_DTE_Proper/	P28_101	DTEDTE1	Verify the IUT acts as a DTE during call collision.	389
DTE_TO_DTE/ DTE_TO_DTE_Proper/	P28_102	DTEDTE2	Verify the IUT acts as a DCE when sent a Restart with Cause Code DTE originated.	389
DTE_TO_DTE/ DTE_TO_DTE_Proper/	P28_103	DTEDTE3	Verify the IUT can handle a Restart collision with a Restart containing Cause Code DTE originated.	390
DTE_TO_DTE/ DTE_TO_DTE_Proper/	P28_104	DTEDTE4	Verify the IUT acting as a DTE clears or ignores a Call packet with a facility code not applicable to DTE/DTE operation.	390
DTE_TO_DTE/ DTE_TO_DTE_Proper/	P28_105	DTEDTE5	Verify the IUT acting as a DTE accepts a Registration Request and issues a Restart Request.	391
DTE_TO_DTE/ DTE_TO_DTE_Proper/	P28_106	DTEDTE6	Verify the IUT acting as a DTE handles Registration Request collision.	391
DTE_TO_DTE/ DTE_TO_DTE_Proper/	P28_107	DTEDTE7	Verify the IUT retransmits a Data packet upon receipt of a Reject Request.	392

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
DTE_TO_DTE/ DTE_TO_DTE_Proper/	P28_108	DTEDTE8	Verify the IUT acting as a DCE accepts a Clear with cause code DTE originated.	392

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7.3 Test step index

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Test Step Group Reference	Test Step Id	Description	Page Nr
PREAMBLE/	D1_PVC_PREAMBLE	Put the IUT into state D1, only used for PVC logical channels.	393
PREAMBLE/	D1_PVC_PREAMBLE_SUBTREE	Local sub-tree for test step D1_PVC_PREAMBLE.	393
PREAMBLE/	D2_PREAMBLE	Put the IUT into state D2 DTE Reset Request.	394
PREAMBLE/	P1_PREAMBLE	Put the IUT in state P1.	394
PREAMBLE/	P1_PREAMBLE_SUBTREE	Local sub-tree for test step P1_PREAMBLE.	395
PREAMBLE/	P2_PREAMBLE	Put the specified channel in DTE Call Request state P2.	395
PREAMBLE/	P4D1_PREAMBLE	Put the Logical Channel in to the Data Transfer state P4 (D1).	396
PREAMBLE/	P4D1_PREAMBLE_SUBTREE1	Local sub-tree for test step P4D1_PREAMBLE.	396
PREAMBLE/	P4D1_PREAMBLE_SUBTREE2	Local sub-tree for test step P4D1_PREAMBLE.	397
PREAMBLE/	P4D1_PREAMBLE_A	Put the Logical Channel in to the Data Transfer state P4 (D1), but do not negotiate use of Delivery Confirmation	397
PREAMBLE/	P4D1_PREAMBLE_A_SUBTREE1	Local sub-tree for test step P4D1_PREAMBLE_A.	398
PREAMBLE/	P4D1_PREAMBLE_A_SUBTREE2	Local sub-tree for test step P4D1_PREAMBLE_A.	398
PREAMBLE/	P5_PREAMBLE	Put the IUT in the Call Collision state P5.	399
PREAMBLE/	P6_PREAMBLE	Put the channel (LCI) in state P6 DTE Clear Request.	399
PREAMBLE/	R1_PREAMBLE	Put the IUT into state R1 Ready and assign a logical channel to the test case variable LC based on the type of logical channel requested in the "type" parameter.	399
PREAMBLE/	R2_PREAMBLE	Put the IUT into state R2.	400
POSTAMBLE/	D1_POSTAMBLE	Verify the IUT is in state D1.	401
POSTAMBLE/	D2_POSTAMBLE	Verify the IUT is in state D2.	401
POSTAMBLE/	GEN1_POSTAMBLE	General postamble used after receipt of a CLEAR from the IUT.	401
POSTAMBLE/	GEN2_POSTAMBLE	General postamble used after the receipt of a RESTART from the IUT.	402
POSTAMBLE/	P2_POSTAMBLE	Verify the IUT is in state P2.	402
POSTAMBLE/	P4_POSTAMBLE	Verify the IUT is in state P4.	402
POSTAMBLE/	P6_POSTAMBLE	Verify the IUT is in state P6 after the test body has successfully completed.	403
POSTAMBLE/	R1_POSTAMBLE	Verify IUT is in state R1 for VCs and D1 for PVCs.	404
POSTAMBLE/	R2_POSTAMBLE	For test cases that leave the IUT in state R2 after the test body has completed, R2_POSTAMBLE will move the IUT to the stable state R1.	404
COMMON_SUBTREE/	ASSIGNMENT	Local sub-tree used in test step ASSIGN_DTE and ASSIGN_DCE.	405
COMMON_SUBTREE/	ASSIGN_DCE	Assign a value to the test case variable LC, LCGN, LCN based on the requested Logical Channel TYPE.	405
COMMON_SUBTREE/	ASSIGN_DTE	Assign a value to the test case variables LC, LCGN, LCN based on the requested Logical Channel TYPE. Assignment is done if the tester were acting as a DTE.	406
COMMON_SUBTREE/	CLR_UNEXPECTED	Handle an unexpected Clear packet.	406
COMMON_SUBTREE/	D1A_UNEXPECTED	Handle any acceptable but unexpected packets received from the IUT while in Data Transfer (D1).	407
COMMON_SUBTREE/	D1B_UNEXPECTED	Handle any acceptable but unexpected packets received from the IUT while in Data Transfer (D1), excluding Interrupt packets.	407
COMMON_SUBTREE/	D1C_UNEXPECTED	Handle any acceptable but unexpected packets received while the IUT is in Data Transfer (D1), excluding Reset packets.	408

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Test Step Group Reference	Test Step Id	Description	Page Nr
COMMON_SUBTREE/	D1_UNEXPECTED	Handle any acceptable but unexpected packets received from the IUT while in state D1, excluding Reset and Reject packets.	408
COMMON_SUBTREE/	D3_UNEXPECTED	Handles any unexpected responses from the IUT immediately after the IUT has been put into state D3. State D3 DXE Reset Request is a transient state.	409
COMMON_SUBTREE/	D_STATE_CLR	When a Clear is received from an IUT in a D state (D1, D2, D3, I1, I2, J1, J2, F1, F2) the verification step must use R1_POSTAMBLE.	409
COMMON_SUBTREE/	D_STATE_RES	When a Restart is received from an IUT in a D state (D1, D2, D3, I1, I2, J1, J2, F1, F2) the verification step uses R1_POSTAMBLE if the Logical Channel is a VC or D1_POSTAMBLE if the Logical Channel is a PVC .	409
COMMON_SUBTREE/	EXCH_DAT	If the IUT can receive and transmit data then send one data packet to the IUT and request the IUT to send one data packet. If the IUT is a send only IUT then request the IUT to send one data packet . If the IUT is a receive only IUT then send the IUT one data packet.	410
COMMON_SUBTREE/	EXCH_DAT_EMPTY	Send the IUT the sequence of Data packets defined in PIXIT question 2.16 in order to test for the handling of an empty Data packet.	410
COMMON_SUBTREE/	EXCH_DAT_MBIT	Send the IUT the sequence of Data packets defined in PIXIT question 2.17 in order to test for support of the M-bit.	411
COMMON_SUBTREE/	EXCH_DAT_NOACK	If the IUT can receive and transmit data then send one data packet to the IUT and request the IUT to send one data packet. If the IUT is a send only IUT then request the IUT to send one data packet . Do not acknowledge receipt of Data packets from the IUT.	411
COMMON_SUBTREE/	EXCH_DAT_QBIT	Send the IUT the sequence of Data packets defined in PIXIT question 2.14 in order to test for correct error handling of a changing Q-bit.	412
COMMON_SUBTREE/	EXCH_DAT_QBIT_A	Sent the IUT the sequence of Data packets defined in PIXIT question 2.15 in order to test for support of the Q-bit.	412
COMMON_SUBTREE/	INITDTE	Put the IUT into state R1.	413
COMMON_SUBTREE/	IUT_TX_DATA	Request the IUT to transmit one Data packet.	414
COMMON_SUBTREE/	J2_UNEXPECTED	Handle unexpected packets from the IUT while in state J2.	414
COMMON_SUBTREE/	LC_VERIFY	Verify that the received logical channel is not already in use.	414
COMMON_SUBTREE/	P1_INOPP	Handles the response to INOPPORTUNE packets sent to the IUT while in state P1.	415
COMMON_SUBTREE/	P2_INOPP	Handles the response to inopportune packets sent to the IUT while in state P2.	415
COMMON_SUBTREE/	P3_INOPP	Handles the response to inopportune packets sent to the IUT while in state P3.	415
COMMON_SUBTREE/	P3_UNEXPECTED	Handle unexpected packets received from the IUT while in state P3.	416
COMMON_SUBTREE/	P5_INOPP	Handles the response to inopportune packets sent to the IUT while in state P5.	416
COMMON_SUBTREE/	P7_UNEXPECTED	Handles any unexpected responses from the IUT immediately after the IUT has been put in state P7.	416
COMMON_SUBTREE/	PVC_RESET	Verify IUT is in state R1 for VCs and D1 for PVCs.	417
COMMON_SUBTREE/	R3_UNEXPECTED	Handle unexpected packets from the IUT received while the IUT is in state R3 (DXE Restart Request).	417
COMMON_SUBTREE/	RSET_UNEXPECTED	Handle an unexpected Reset packet.	417

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Test Step Group Reference	Test Step Id	Description	Page Nr
COMMON_SUBTREE/	RSTRT_UNEXPECTED	An unexpected Restart Request will be responded to with a Restart Confirmation and the test case will give an inconclusive verdict.	417
COMMON_SUBTREE/	RX_DATA	Wait for one or more Data packets to arrive from the IUT or the expiration of time TD, discard any RR's received before the Data packet arrives.	418
COMMON_SUBTREE/	RX_DATA_QBIT	Wait for one or more Data packets to arrive from the IUT or the expiration of time TD, discard any RR's received before the Data packet arrives.	419
COMMON_SUBTREE/	RX_INTERRUPT	Receive an Interrupt packet of length 1 to 32 octets based on type of IUT.	420
COMMON_SUBTREE/	TX_DATA	Transmit a Data packet to the IUT.	420
COMMON_SUBTREE/	TX_DATA_EMPTY	Transmit a Data packet to the IUT.	421
COMMON_SUBTREE/	TX_DATA_MBIT	Transmit a Data packet to the IUT from the user supplied Data packets for testing M-bit support.	422
COMMON_SUBTREE/	TX_DATA_NOACK	Transmit a Data packet to the IUT but do not acknowledge any received data packets.	423
COMMON_SUBTREE/	TX_DATA_QBIT	Transmit a Data packet to the IUT from the user supplied Data packets for testing Q-bit error handling.	424
COMMON_SUBTREE/	TX_DATA_QBIT_A	Transmit a Data packet to the IUT from the user supplied Data packets for testing Q-bit support.	425
LOCAL_SUBTREE/	P1_210_SUBTREE	Local sub-tree for P1_210	426
LOCAL_SUBTREE/	P1_210_SUBTREE1	Local sub-tree for P1_210	427
LOCAL_SUBTREE/	P1_210_SUBTREE2	Local sub-tree for P1_210	428
LOCAL_SUBTREE/	P2_214_SUBTREE	Local sub-tree for P2_214	428
LOCAL_SUBTREE/	P2_214_SUBTREE1	Local sub-tree for P2_214	429
LOCAL_SUBTREE/	P2_214_SUBTREE2	Local sub-tree for P2_214	430
LOCAL_SUBTREE/	P3_214_SUBTREE	Local sub-tree for P3_214	431
LOCAL_SUBTREE/	P3_214_SUBTREE1	Local sub-tree for P3_214	432
LOCAL_SUBTREE/	P3_214_SUBTREE2	Local sub-tree for P3_214	432
LOCAL_SUBTREE/	P3_214_SUBTREE_BEGIN	Local sub-tree of P3_214	432
LOCAL_SUBTREE/	P4_206_SUBTREE	Local sub-tree for P4_206	433
LOCAL_SUBTREE/	P4_207_SUBTREE	Local sub-tree for P4_207	433
LOCAL_SUBTREE/	P5_206_SUBTREE	Local sub-tree for P5_206	434
LOCAL_SUBTREE/	P5_207_SUBTREE	Local sub-tree for P5_206	434
LOCAL_SUBTREE/	P6_206_SUBTREE	Local sub-tree for P6_206	435
LOCAL_SUBTREE/	P6_207_SUBTREE	Local sub-tree for P6_207	435
LOCAL_SUBTREE/	P7_202_SUBTREE	Local sub-tree for P7_202	436
LOCAL_SUBTREE/	P7_203_SUBTREE	Local sub-tree for P7_203	436
LOCAL_SUBTREE/	P8_206_SUBTREE	Local sub-tree for P8_206	437
LOCAL_SUBTREE/	P8_207_SUBTREE	Local sub-tree for P8_207	437
LOCAL_SUBTREE/	P8_210_SUBTREE	Local sub-tree for P8_210	438
LOCAL_SUBTREE/	P9_206_SUBTREE	Local sub-tree for P9_206	438
LOCAL_SUBTREE/	P9_207_SUBTREE	Local sub-tree for P9_207	438
LOCAL_SUBTREE/	P9_210_SUBTREE	Local sub-tree for P9_210	439
LOCAL_SUBTREE/	P10_206_SUBTREE	Local sub-tree for P10_206	439
LOCAL_SUBTREE/	P10_207_SUBTREE	Local sub-tree for P10_207	440
LOCAL_SUBTREE/	P11_103_SUBTREE	Local sub-tree for P11_103	440
LOCAL_SUBTREE/	P16_202_SUBTREE	Local sub-tree for P16_202	441
LOCAL_SUBTREE/	P17_202_SUBTREE	Local sub-tree of P17_202	441

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Test Step Group Reference	Test Step Id	Description	Page Nr
LOCAL_SUBTREE/	P22_204_SUBTREE	Local sub-tree for P22_204	442
LOCAL_SUBTREE/	P27_101_CALLSETUP	Local sub-tree for P27_101	442
LOCAL_SUBTREE/	P27_102_CALLDISC	Local sub-tree for P27_102	442
LOCAL_SUBTREE/	P27_102_CALLSETUP	Local sub-tree for P27_101	443
LOCAL_SUBTREE/	P27_103_CALLSETUP	Local sub-tree for P27_103	443
LOCAL_SUBTREE/	P27_103_CALLDISC	Local sub-tree for P27_103	444
LOCAL_SUBTREE/	P28_101_SUBTREE	Local sub-tree for P28_101	444
LOCAL_SUBTREE/	P28_102_SUBTREE	Local sub-tree for P28_102	445
LOCAL_SUBTREE/	P28_103_SUBTREE	Local sub-tree for P28_103	445
LOCAL_SUBTREE/	P28_108_SUBTREE	Local sub-tree for P28_108	445

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7.4 ASN.1 type definitions

Table 10. ASN.1 Type Definition

Type Name	: Packet_Header
Comments	:

Type Definition

```
SEQUENCE {
  general_format_id        General_Format_ID ,
  lc_id                    INTEGER (0..4095)
}
```

Table 11. ASN.1 Type Definition

Type Name	: Address
Comments	:

Type Definition

```
HEX STRING (SIZE (1..15))
```

Table 12. ASN.1 Type Definition

Type Name	: Facility_Field
Comments	:

Type Definition

```
SEQUENCE {
  fac_len                          INTEGER ,
  facility                         SET {
    packet_size                      Flow_Control_Negotiation_Packet_Size OPTIONAL ,
    window_size                      Flow_Control_Negotiation_Window_Size OPTIONAL ,
    tcn                              Throughput_Class_Negotiation OPTIONAL ,
    cug_select_basic                 Closed_User_Group_Selection_Basic OPTIONAL ,
    cug_select_extend                Closed_User_Group_Selection_Extended OPTIONAL ,
    cug_out_select_basic             Closed_User_Group_Outgoing_Basic OPTIONAL ,
    cug_out_select_extend            Closed_User_Group_Outgoing_Extended OPTIONAL ,
    bilateral_cug_select             Bilateral_Closed_User_Group_Selection OPTIONAL ,
    reverse_charging_fast_select     Reverse_Charging_And_Fast_Select OPTIONAL ,
    nui_selection                    NUI_Selection OPTIONAL,
    charg_info_req_service           Charging_Info_Requesting_Service OPTIONAL ,
    charg_info_monetary_unit         Charging_Info_Indicating_Monetary_Unit OPTIONAL ,
    charg_info_seg_count             Charging_Info_Indicating_Segment_Count OPTIONAL ,
    charg_info_call_duration         Charging_Info_Indicating_Call_Duration OPTIONAL ,
    rpoa_select_basic                RPOA_Selection_Basic OPTIONAL ,
    rpoa_select_extend               RPOA_Selection_Extended OPTIONAL ,
    called_line_addr_modif_notif     Called_Line_Address_Modified_Notification OPTIONAL ,
    call_redir_or_def_notif          Call_Redirection_or_Deflection_Notification OPTIONAL ,
    call_deflection_selection        Call_Deflection_Selection OPTIONAL ,
    tdsai                            Transit_Delay_Selection_And_Indication OPTIONAL ,
    marker                           Marker OPTIONAL ,
    calling_addr_extension           Calling_Address_Extension OPTIONAL ,
    called_addr_extension            Called_Address_Extension OPTIONAL ,
    mtcn                             Minimum_Throughput_Class_Negotiation OPTIONAL ,
    eetdn                            End_To_End_Transit_Delay_Negotiation OPTIONAL ,
    exp_data_nego                    Expedited_Data_Negotiation OPTIONAL ,
    priority                         Priority OPTIONAL ,
    protection                       Protection OPTIONAL
                                   } OPTIONAL
}
```

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Table 13. ASN.1 Type Definition	
Type Name	: Call_Request_User_Data
Comments	:
Type Definition	
OCTET STRING (SIZE (1..128))	

Table 14. ASN.1 Type Definition	
Type Name	: Clearing_Cause
Comments	:
Type Definition	
CHOICE {	
dte_initiated	DTE_Initiated ,
network_initiated	Clear_Network_Initiated
}	

Table 15. ASN.1 Type Definition	
Type Name	: Clear_Request_Extension
Comments	:
Type Definition	
SEQUENCE {	
called_dte_addr_len	INTEGER (0..15) ,
calling_dte_addr_len	INTEGER (0..15) ,
called_dte_addr	Address OPTIONAL ,
calling_dte_addr	Address OPTIONAL ,
facilities	Facility_Field ,
clear_user_data	OCTET STRING (SIZE (1..128)) OPTIONAL
}	

Table 16. ASN.1 Type Definition	
Type Name	: Clear_Confirmation_Extension
Comments	:
Type Definition	
SEQUENCE {	
called_dte_addr_len	INTEGER (0..15) ,
calling_dte_addr_len	INTEGER (0..15) ,
called_dte_addr	Address OPTIONAL ,
calling_dte_addr	Address OPTIONAL ,
facilities	Facility_Field
}	

Table 17. ASN.1 Type Definition	
Type Name	: Flow_Control_Information
Comments	:
Type Definition	
CHOICE {	
modulo_8	Modulo_8_Format ,
modulo_128	Modulo_128_Format
}	

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Table 18. ASN.1 Type Definition

Type Name	: User_Data_Type
Comments	:

Type Definition

```
OCTET STRING (SIZE (1..4096))
```

Table 19. ASN.1 Type Definition

Type Name	: Ack_Information
Comments	:

Type Definition

```
CHOICE {
  pr_mod8                    INTEGER (0..7) ,
  pr_mod128                  INTEGER (0..127)
}
```

Table 20. ASN.1 Type Definition

Type Name	: Restarting_Cause
Comments	:

Type Definition

```
CHOICE {
  dte_initiated              DTE_Initiated ,
  restart_network_initiated  Restart_Network_Initiated
}
```

Table 21. ASN.1 Type Definition

Type Name	: Registration_Field
Comments	:

Type Definition

```
SEQUENCE {
  reg_len                    INTEGER ,
  registration               SET {
    nonstd_default_pack_size   Nonstandard_Default_Packet_Size OPTIONAL ,
    nonstd_default_wind_size   Nonstandard_Default_Window_Size OPTIONAL ,
    default_thrput_assign      Default_Throughput_Assignment OPTIONAL ,
    nego_when_state_p1         Negotiated_When_State_P1 OPTIONAL ,
    nego_at_any_time           Negotiated_At_Any_Time OPTIONAL ,
    avail_faci                 Availability_Of_Facilities OPTIONAL ,
    non_nego_faci              Non_Negotiable_Facilities OPTIONAL ,
    lc_types_ranges            Logical_Channel_Types_Ranges OPTIONAL ,
    marker                     Marker OPTIONAL
                             } OPTIONAL
}
```

Table 22. ASN.1 Type Definition

Type Name	: Registration_Cause
Comments	:

Type Definition

```
ENUMERATED {
                             registration_cancellation_confirmed (127) ,
                             invalid_facility_request (3) ,
                             local_procedure_error (19) ,
                             network_congestion (5)
}
```

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Table 23. ASN.1 Type Definition

Type Name	: General_Format_ID
Comments	:

Type Definition

```
SEQUENCE {
  q_bit                    On_Off_Type ,
  d_bit                    On_Off_Type ,
  indicator                ENUMERATED {
                             reserved (0) ,
                             modulo_8 (1) ,
                             modulo_128 (2) ,
                             extension (3)
                           }
}
```

Table 24. ASN.1 Type Definition

Type Name	: On_Off_Type
Comments	:

Type Definition

```
ENUMERATED {
                           on (1) ,
                           off (0)
}
```

Table 25. ASN.1 Type Definition

Type Name	: DTE_Initiated
Comments	:

Type Definition

```
ENUMERATED {
                           standard_diagnostic (0) ,
                           dte_specific_diagnostic (128)
}
```

Table 26. ASN.1 Type Definition

Type Name	: Clear_Network_Initiated
Comments	:

Type Definition

```
SEQUENCE {
  network                  ENUMERATED {
                             public_data_network (0) ,
                             private_data_network (1)
                           } ,
  cause                    ENUMERATED {
                             number_busy (1) ,
                             out_of_order (9) ,
                             remote_procedure_error (17) ,
                             reverse_charging_acceptance_not_subscribed (25) ,
                             incompatible_destination (33) ,
                             fast_select_acceptance_not_subscribed (41) ,
                             ship_absent (57) ,
                             invalid_facility_request (3) ,
                             access_barred (11) ,
                             local_procedure_error (19) ,
                             network_congestion (5) ,
                             not_obtainable (13) ,
                             rpoa_out_of_order (21) ,
                             gateway_detected_procedure_error (65) ,
                             gateway_congestion (67)
                           }
}
```

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Table 27. ASN.1 Type Definition

Type Name	: Modulo_8_Format
Comments	:

Type Definition

```
SEQUENCE {
  p_r                    INTEGER (0..7) ,
  m_bit                  On_Off_Type ,
  p_s                    INTEGER (0..7) ,
  bit_1                  BIT STRING (SIZE (1))
}
```

Table 28. ASN.1 Type Definition

Type Name	: Modulo_128_Format
Comments	:

Type Definition

```
SEQUENCE {
  p_s                    INTEGER (0..127) ,
  bit_1                  BIT STRING (SIZE (1)) ,
  p_r                    INTEGER (0..127) ,
  m_bit                  On_Off_Type
}
```

Table 29. ASN.1 Type Definition

Type Name	: Restart_Network_Initiated
Comments	:

Type Definition

```
ENUMERATED {
                         local_procedure_error (1) ,
                         network_congestion (3) ,
                         network_operational (7) ,
                         registration_cancellation_confirmed (127)
}
```

Table 30. ASN.1 Type Definition

Type Name	: Flow_Control_Negotiation_Packet_Size
Comments	:

Type Definition

```
SEQUENCE {
  fac_code               OCTET STRING (SIZE (1)) ,
  from_called_DTE        INTEGER (0..15) ,
  from_calling_DTE       INTEGER (0..15)
}
```

Table 31. ASN.1 Type Definition

Type Name	: Flow_Control_Negotiation_Window_Size
Comments	:

Type Definition

```
SEQUENCE {
  fac_code               OCTET STRING (SIZE (1)) ,
  from_called_DTE        INTEGER (0..127) ,
  from_calling_DTE       INTEGER (0..127)
}
```

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Table 32. ASN.1 Type Definition	
Type Name	: Throughput_Class_Negotiation
Comments	:
Type Definition	

SEQUENCE {
  fac_code
  from_called_DTE
  from_calling_DTE
}
	
	OCTET STRING (SIZE (1)) ,
	INTEGER (0..15) ,
	INTEGER (0..15)

Table 33. ASN.1 Type Definition	
Type Name	: Closed_User_Group_Selection_Basic
Comments	:
Type Definition	

SEQUENCE {
  fac_code
  cug_basic
}
	
	OCTET STRING (SIZE (1)) ,
	HEX STRING (SIZE (2))

Table 34. ASN.1 Type Definition	
Type Name	: Closed_User_Group_Selection_Extended
Comments	:
Type Definition	

SEQUENCE {
  fac_code
  cug_extended
}
	
	OCTET STRING (SIZE (1)) ,
	HEX STRING (SIZE (4))

Table 35. ASN.1 Type Definition	
Type Name	: Closed_User_Group_Outgoing_Basic
Comments	:
Type Definition	

SEQUENCE {
  fac_code
  cug_basic
}
	
	OCTET STRING (SIZE (1)) ,
	HEX STRING (SIZE (2))

Table 36. ASN.1 Type Definition	
Type Name	: Closed_User_Group_Outgoing_Extended
Comments	:
Type Definition	

SEQUENCE {
  fac_code
  cug_extended
}
	
	OCTET STRING (SIZE (1)) ,
	HEX STRING (SIZE (4))

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Table 37. ASN.1 Type Definition

Type Name	: Bilateral_Closed_User_Group_Selection
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                    OCTET STRING (SIZE (1)) ,
  bilat_cug                   HEX STRING (SIZE (4))
}
```

Table 38. ASN.1 Type Definition

Type Name	: Reverse_Charging_And_Fast_Select
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                    OCTET STRING (SIZE (1)) ,
  fac_parm                    BIT STRING {
                                fast_select_request (0) ,
                                fast_select_with_restriction_request (1) ,
                                reverse_charging_request (7)
                              } (SIZE (8))
}
```

Table 39. ASN.1 Type Definition

Type Name	: NUI_Selection
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                    OCTET STRING (SIZE (1)) ,
  fac_parm_len                INTEGER ,
  network_user_id             OCTET STRING
}
```

Table 40. ASN.1 Type Definition

Type Name	: Charging_Info_Requesting_Service
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                    OCTET STRING (SIZE (1)) ,
  requesting_service          BIT STRING {
                                requested (7)
                              } (SIZE (8))
}
```

Table 41. ASN.1 Type Definition

Type Name	: Charging_Info_Indicating_Monetary_Unit
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                    OCTET STRING (SIZE (1)) ,
  fac_parm_len                INTEGER ,
  monetary_unit               OCTET STRING
}
```

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Table 42. ASN.1 Type Definition

Type Name	: Charging_Info_Indicating_Segment_Count
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                    OCTET STRING (SIZE (1)) ,
  fac_parm_len                INTEGER ,
  segment_count               SET OF Segment
}
```

Table 43. ASN.1 Type Definition

Type Name	: Charging_Info_Indicating_Call_Duration
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                    OCTET STRING (SIZE (1)) ,
  fac_parm_len                INTEGER ,
  call_duration               SET OF Duration
}
```

Table 44. ASN.1 Type Definition

Type Name	: RPOA_Selection_Basic
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                    OCTET STRING (SIZE (1)) ,
  rpoa_basic                  HEX STRING (SIZE (4))
}
```

Table 45. ASN.1 Type Definition

Type Name	: RPOA_Selection_Extended
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                    OCTET STRING (SIZE (1)) ,
  fac_parm_len                INTEGER ,
  rpoa_extended               HEX STRING
}
```

Table 46. ASN.1 Type Definition

Type Name	: Called_Line_Address_Modified_Notification
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                    OCTET STRING (SIZE (1)) ,
  occurred_in                 ENUMERATED {
                                public_network (0) ,
                                private_network (1)
                              } ,
  reason_for_modification     ENUMERATED {
                                distribution_within_hunt_group (7) ,
                                due_to_DTE_busy (1) ,
                                due_to_DET_out_of_order (9) ,
                                due_to_systematic_redirection (15)
                              }
}
```

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Table 47. ASN.1 Type Definition

Type Name	: Call_Redirection_or_Deflection_Notification
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                          OCTET STRING (SIZE (1)) ,
  fac_parm_len                      INTEGER ,
  reason                            ENUMERATED {
                                      originally_called_DTE_busy (1) ,
                                      originally_called_DTE_out_of_order (9) ,
                                      systematic_call_redirection (15) ,
                                      call_dist_within_hunt_group (7) ,
                                      call_defl_by_called_dte (192) ,
                                      call_defl_due_to_called_dte_busy (193) ,
                                      call_defl_due_to_called_dte_out_of_order (200) ,
                                      call_defl_due_to_prior_request (207)
                                    } ,
  originally_called_DTE_addr_len    INTEGER ,
  originally_called_DTE_addr        Address
}
```

Table 48. ASN.1 Type Definition

Type Name	: Call_Deflection_Selection
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                          OCTET STRING (SIZE (1)) ,
  fac_parm_len                      INTEGER ,
  reason                            ENUMERATED {
                                      call_defl_by_called_dte (192) ,
                                      call_defl_due_to_called_dte_busy (193) ,
                                      call_defl_due_to_called_dte_out_of_order (201) ,
                                      call_defl_due_to_prior_request (207)
                                    } ,
  alternative_DTE_addr_len          INTEGER ,
  alternative_DTE_addr              Address
}
```

Table 49. ASN.1 Type Definition

Type Name	: Transit_Delay_Selection_And_Indication
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                          OCTET STRING (SIZE (1)) ,
  transit_delay_selection           INTEGER (0..65535)
}
```

Table 50. ASN.1 Type Definition

Type Name	: Marker
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                          OCTET STRING (SIZE (1)) ,
  marker                            ENUMERATED {
                                      facilities_provided_by_calling_dte_network (0) ,
                                      facilities_provided_by_called_dte_network (255) ,
                                      facilities_specified_by_ccitt (15)
                                    }
}
```

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Table 51. ASN.1 Type Definition

Type Name	: Calling_Address_Extension
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                          OCTET STRING (SIZE (1)) ,
  fac_parm_len                      INTEGER ,
  use_of_calling_addr_extension     BIT STRING (SIZE (2)) ,
  calling_addr_extension_len        BIT STRING (SIZE (6)) ,
  calling_addr_extensionn           HEX STRING (SIZE (40))
}
```

Table 52. ASN.1 Type Definition

Type Name	: Called_Address_Extension
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                          OCTET STRING (SIZE (1)) ,
  fac_parm_len                      INTEGER ,
  use_of_called_addr_extension      BIT STRING (SIZE (2)) ,
  called_addr_extension_len         BIT STRING (SIZE (6)) ,
  called_addr_extensionn            HEX STRING (SIZE (40))
}
```

Table 53. ASN.1 Type Definition

Type Name	: Minimum_Throughput_Class_Negotiation
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                          OCTET STRING (SIZE (1)) ,
  from_called_DTE                   INTEGER (0..15) ,
  from_calling_DTE                  INTEGER (0..15)
}
```

Table 54. ASN.1 Type Definition

Type Name	: End_To_End_Transit_Delay_Negotiation
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                          OCTET STRING (SIZE (1)) ,
  fac_parm_len                      INTEGER ,
  cumulative_transit_delay          INTEGER ,
  target_transit_delay              INTEGER OPTIONAL ,
  max_acceptable_transit_delay      INTEGER OPTIONAL
}
```

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Table 55. ASN.1 Type Definition

Type Name	: Expedited_Data_Negotiation
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                          OCTET STRING (SIZE (1)) ,
  expedited_data_negotiation        ENUMERATED {
                                      no_use (0) ,
                                      use (1)
                                    }
}
```

Table 56. ASN.1 Type Definition

Type Name	: Nonstandard_Default_Packet_Size
Comments	:

Type Definition

```
SEQUENCE {
  reg_code                          OCTET STRING (SIZE (1)) ,
  to_issuing_DTE_packet_size        INTEGER (0..15) ,
  from_issuing_DTE_packet_size      INTEGER (0..15)
}
```

Table 57. ASN.1 Type Definition

Type Name	: Nonstandard_Default_Window_Size
Comments	:

Type Definition

```
SEQUENCE {
  reg_code                          OCTET STRING (SIZE (1)) ,
  to_issuing_DTE_window_size        INTEGER (0..127) ,
  from_issuing_DTE_window_size      INTEGER (0..127)
}
```

Table 58. ASN.1 Type Definition

Type Name	: Default_Throughput_Assignment
Comments	:

Type Definition

```
SEQUENCE {
  reg_code                          OCTET STRING (SIZE (1)) ,
  from_issuing_DTE_throughput       INTEGER (0..15) ,
  to_issuing_DTE_throughput         INTEGER (0..15)
}
```

Table 59. ASN.1 Type Definition

Type Name	: Negotiated_When_State_P1
Comments	:

Type Definition

```
SEQUENCE {
  reg_code                          OCTET STRING (SIZE (1)) ,
  negotiate_when_state_p1           BIT STRING {
                                    d_bit_modification (5) ,
                                    packet_retransmission (6) ,
                                    extended_packet_sequence_numbering (7)
                                    } (SIZE (8))
}
```

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Table 60. ASN.1 Type Definition

Type Name	: Negotiated_At_Any_Time
Comments	:

Type Definition

```
SEQUENCE {
  reg_code                    OCTET STRING (SIZE (1)) ,
  negotiate_any_time          BIT STRING {
                                charging_information (1) ,
                                throughput_class_negotiation (2) ,
                                flow_control_parameter_negotiation (3) ,
                                reverse_charging_acceptance (4) ,
                                fast_select_acceptance (5) ,
                                outgoing_calls_barred (6) ,
                                incoming_calls_barred (7)
                              } (SIZE (16))
}
```

Table 61. ASN.1 Type Definition

Type Name	: Availability_Of_Facilities
Comments	:

Type Definition

```
SEQUENCE {
  reg_code                    OCTET STRING (SIZE (1)) ,
  availability_of_facilities  BIT STRING {
                                reverse_charging (0) ,
                                reverse_charging_acceptance (1) ,
                                charging_information_virtual_call (2) ,
                                charging_information_interface (3) ,
                                called_line_addr_modified_notification (4) ,
                                d_bit_modification (5) ,
                                packet_retransmission (6) ,
                                extended_packet_sequence_numbering (7) ,
                                rpoa_selection_virtual_call (11) ,
                                logical_channel_types_ranges (12) ,
                                nonstandard_default_packet_size (13) ,
                                nonstandard_default_window_size (14) ,
                                default_throughput_assignment (15)
                              } (SIZE (16))
}
```

Table 62. ASN.1 Type Definition

Type Name	: Non_Negotiable_Facilities
Comments	:

Type Definition

```
SEQUENCE {
  reg_code                    OCTET STRING (SIZE (1)) ,
  non_negotiable_facilities   BIT STRING {
                                local_charging_prevention (7)
                              } (SIZE (8))
}
```

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Table 63. ASN.1 Type Definition

Type Name	: Logical_Channel_Types_Ranges
Comments	:

Type Definition	
SEQUENCE {	
reg_code	OCTET STRING (SIZE (1)) ,
reg_parm_len	INTEGER (14) ,
lic	INTEGER (0..65535) ,
hic	INTEGER (0..65535) ,
ltc	INTEGER (0..65535) ,
htc	INTEGER (0..65535) ,
loc	INTEGER (0..65535) ,
hoc	INTEGER (0..65535) ,
total_logical_channels	INTEGER (0..4095)
}	

Table 64. ASN.1 Type Definition

Type Name	: Segment
Comments	:

Type Definition	
SEQUENCE {	
number_of_seg_sent_to_DTE	HEX STRING (SIZE (8)) ,
number_of_seg_rcvd_from_DTE	HEX STRING (SIZE (8))
}	

Table 65. ASN.1 Type Definition

Type Name	: Duration
Comments	:

Type Definition	
SEQUENCE {	
number_of_days	HEX STRING (SIZE (2)) ,
number_of_hours	HEX STRING (SIZE (2)) ,
number_of_minutes	HEX STRING (SIZE (2)) ,
number_of_seconds	HEX STRING (SIZE (2))
}	

Table 66. ASN.1 Type Definition

Type Name	: Called_Addr
Comments	:

Type Definition	
SEQUENCE {	
called_addr_bt	IA5String ,
called_addr_def	IA5String
}	

Table 67. ASN.1 Type Definition

Type Name	: Calling_Addr
Comments	:

Type Definition	
SEQUENCE {	
calling_addr_bt	IA5String ,
calling_addr_def	IA5String
}	

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Table 68. ASN.1 Type Definition	
Type Name	: Dlcnr_Ps
Comments	:
Type Definition	

SEQUENCE {
dl_dlcnr_ps_bt
dl_dlcnr_ps_def
}
	IA5String ,
	IA5String

Table 69. ASN.1 Type Definition	
Type Name	: Dlcnc_Ps
Comments	:
Type Definition	

SEQUENCE {
dl_dlcnc_ps_bt
dl_dlcnc_ps_def
}
	IA5String ,
	IA5String

Table 70. ASN.1 Type Definition	
Type Name	: Origin
Comments	:
Type Definition	

SEQUENCE {
dl_origin_bt
dl_origin_def
}
	IA5String ,
	IA5String

Table 71. ASN.1 Type Definition	
Type Name	: Qos
Comments	:
Type Definition	

SEQUENCE {
dl_qos_bt
dl_qos_def
}
	IA5String ,
	IA5String

Table 72. ASN.1 Type Definition	
Type Name	: Reason
Comments	:
Type Definition	

SEQUENCE {
dl_reason_bt
dl_reason_def
}
	IA5String ,
	IA5String

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Table 73. ASN.1 Type Definition

Type Name	: Resp_Addr
Comments	:

Type Definition

```
SEQUENCE {
  dl_resp_addr_bt          IA5String ,
  dl_resp_addr_def         IA5String
}
```

Table 74. ASN.1 Type Definition

Type Name	: Priority
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                 OCTET STRING (SIZE (1)) ,
  fac_parm_len             INTEGER (1..6) ,
  priorities               HEX STRING (SIZE (1..6))
}
```

Table 75. ASN.1 Type Definition

Type Name	: Protection
Comments	:

Type Definition

```
SEQUENCE {
  fac_code                 OCTET STRING (SIZE (1)) ,
  fac_parm_len             INTEGER ,
  protection_format_code   BIT STRING (SIZE (2)) ,
  reserved_bits            BIT STRING (SIZE (6)) ,
  protection_level_len     INTEGER ,
  protection_level         HEX STRING ,
  low_protection_level_len INTEGER OPTIONAL ,
  low_protection_level     HEX STRING OPTIONAL
}
```

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7.5 Test suite parameter declarations

Table 76 (Page 1 of 10). Test Suite Parameter Declarations

Parameter Name	Type	PICS/PIXIT Ref	Comments
ASP_SUPP	BOOLEAN	PIXIT 2.23	IUT support of ASP's
BCUG_NUM	OCTETSTRING	PIXIT 2.8a	Basic Closed User Group
BICUG_NUM	OCTETSTRING	PIXIT 2.8c	Bilateral Closed User Group
CALLED_VER	BOOLEAN	PIXIT 2.1c	Is the called DTE address in an Incoming Call verified?
CALLING_VER	BOOLEAN	PIXIT 2.1a	Is the calling DTE address in an Incoming Call verified?
CALL_ACC_F	OCTETSTRING	PIXIT 2.7d.a	Call Accept facility field
CALL_ACC_FL	INTEGER	PIXIT 2.7d.b	
CALL_ACC_UD	OCTETSTRING	PIXIT 2.7d.c	Call Accept user data field
CALL_CON_F	OCTETSTRING	PIXIT 2.7c.a	Call Connected facility field
CALL_CON_FL	INTEGER	PIXIT 2.7c.b	
CALL_CON_UD	OCTETSTRING	PIXIT 2.7c.c	Call Connect user data field
CALL_IND_F	OCTETSTRING	PIXIT 2.7a.a	Incoming Call facility field
CALL_IND_FL	INTEGER	PIXIT 2.7a.b	
CALL_IND_UD	OCTETSTRING	PIXIT 2.7a.c	Incoming Call user data field
CALL_REQ_F	OCTETSTRING	PIXIT 2.7b.a	Call Request facility field
CALL_REQ_FL	INTEGER	PIXIT 2.7b.b	
CALL_REQ_UD	OCTETSTRING	PIXIT 2.7b.c	Call Request user data field
CCITT_80	BOOLEAN	PIXIT 1.1b	IUT is to be tested to CCITT X.25 1980
CCITT_84	BOOLEAN	PIXIT 1.1c	IUT is to be tested to CCITT X.25 1984
CLC_RX_F	OCTETSTRING	PIXIT 2.7g.a	Clear Confirmation facility field sent from the Tester
CLC_RX_FL	INTEGER	PIXIT 2.7g.b	
CLC_TX_F	OCTETSTRING	PIXIT 2.7h.a	Clear Confirmation facility field sent from the IUT
CLC_TX_FL	INTEGER	PIXIT 2.7h.b	
CLR_IND_F	OCTETSTRING	PIXIT 2.7e.a	Clear Indication facility field
CLR_IND_FL	INTEGER	PIXIT 2.7e.b	
CLR_IND_UD	OCTETSTRING	PIXIT 2.7e.c	Clear Indication user data field
CLR_ON_ERR_C	BOOLEAN	PICS W1a	IUT Clears on ERROR-C
CLR_ON_ERR_R	BOOLEAN	PICS W2sb	IUT Clears on ERROR-R (Clear instead of Reset)
CLR_REQ_F	OCTETSTRING	PIXIT 2.7f.a	Clear Request facility field
CLR_REQ_FL	INTEGER	PIXIT 2.7f.b	
CLR_REQ_UD	OCTETSTRING	PIXIT 2.7f.c	Clear Request user data field
DEF_THRUPT_CALLED	INTEGER	PIXIT 2.9a	Called Default Throughput Class
DEF_THRUPT_CALLING	INTEGER	PIXIT 2.9b	Calling Default Throughput Class
DEF_WIN_SZ	INTEGER	PIXIT 1.9a	Default window size
DISC_AT_DL	BOOLEAN	PIXIT 1.13	IUT re-initialization after an unexpected Restart procedure
DL_CALLED_ADDR_BT	IA5String	PIXIT 2.23a	
DL_CALLED_ADDR_DEF	IA5String	PIXIT 2.23b	
DL_CALLING_ADDR_BT	IA5String	PIXIT 2.23c	
DL_CALLING_ADDR_DEF	IA5String	PIXIT 2.23d	
DL_DLCNC_PS_BT	IA5String	PIXIT 2.23g	
DL_DLCNC_PS_DEF	IA5String	PIXIT 2.23h	
DL_DLCNR_PS_BT	IA5String	PIXIT 2.23e	
DL_DLCNR_PS_DEF	IA5String	PIXIT 2.23f	
DL_ORIGIN_BT	IA5String	PIXIT 2.23i	

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Table 76 (Page 2 of 10). Test Suite Parameter Declarations

Parameter Name	Type	PICS/PIXIT Ref	Comments
DL_ORIGIN_DEF	IA5String	PIXIT 2.23j	
DL_QOS_BT	IA5String	PIXIT 2.23k	
DL_QOS_DEF	IA5String	PIXIT 2.23l	
DL_REASON_BT	IA5String	PIXIT 2.23m	
DL_REASON_DEF	IA5String	PIXIT 2.23n	
DL_RESP_ADDR_BT	IA5String	PIXIT 2.23o	
DL_RESP_ADDR_DEF	IA5String	PIXIT 2.23p	
DR1	BOOLEAN	PICS DR1	IUT receives data packets
DR6	BOOLEAN	PICS DR6	
DS1	BOOLEAN	PICS DS1	IUT sends data packets
DS6	BOOLEAN	PICS DS6	
D_BIT_SUPP	BOOLEAN	PICS DN	IUT supports D-bit negotiation
D_UDE_0	INTEGER	PIXIT 2.16a.b	D-bit settings for empty Data packet sequence
D_UDE_1	INTEGER	PIXIT 2.16b.b	
D_UDE_2	INTEGER	PIXIT 2.16c.b	
D_UDE_3	INTEGER	PIXIT 2.16d.b	
D_UDE_4	INTEGER	PIXIT 2.16e.b	
D_UDE_5	INTEGER	PIXIT 2.16f.b	
D_UDE_6	INTEGER	PIXIT 2.16g.b	
D_UDE_7	INTEGER	PIXIT 2.16h.b	
D_UDE_8	INTEGER	PIXIT 2.16i.b	
D_UDMP	INTEGER	PIXIT 2.18a.b	D-bit setting for partially full Data packet
D_UDM_0	INTEGER	PIXIT 2.17a.b	D-bit settings for M-bit Data packet sequence
D_UDM_1	INTEGER	PIXIT 2.17b.b	
D_UDM_2	INTEGER	PIXIT 2.17c.b	
D_UDM_3	INTEGER	PIXIT 2.17d.b	
D_UDM_4	INTEGER	PIXIT 2.17e.b	
D_UDM_5	INTEGER	PIXIT 2.17f.b	
D_UDM_6	INTEGER	PIXIT 2.17g.b	
D_UDM_7	INTEGER	PIXIT 2.17h.b	
D_UDM_8	INTEGER	PIXIT 2.17i.b	
D_UDQA_0	INTEGER	PIXIT 2.15a.b	D-bit settings for acceptable Q-bit Data packet sequence
D_UDQA_1	INTEGER	PIXIT 2.15b.b	
D_UDQA_2	INTEGER	PIXIT 2.15c.b	
D_UDQA_3	INTEGER	PIXIT 2.15d.b	
D_UDQA_4	INTEGER	PIXIT 2.15e.b	
D_UDQA_5	INTEGER	PIXIT 2.15f.b	
D_UDQA_6	INTEGER	PIXIT 2.15g.b	
D_UDQA_7	INTEGER	PIXIT 2.15h.b	
D_UDQA_8	INTEGER	PIXIT 2.15i.b	
D_UDQ_0	INTEGER	PIXIT 2.14a.b	D-bit settings for invalid Q-bit Data packet sequence
D_UDQ_1	INTEGER	PIXIT 2.14b.b	
D_UDQ_2	INTEGER	PIXIT 2.14c.b	
D_UDQ_3	INTEGER	PIXIT 2.14d.b	
D_UDQ_4	INTEGER	PIXIT 2.14e.b	
D_UDQ_5	INTEGER	PIXIT 2.14f.b	

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Parameter Name	Type	PICS/PIXIT Ref	Comments
D_UDQ_6	INTEGER	PIXIT 2.14g.b	
D_UDQ_7	INTEGER	PIXIT 2.14h.b	
D_UDQ_8	INTEGER	PIXIT 2.14i.b	
D_UD_0	INTEGER	PIXIT 2.13a.b	D-bit settings for normal Data packet sequence
D_UD_1	INTEGER	PIXIT 2.13b.b	
D_UD_2	INTEGER	PIXIT 2.13c.b	
D_UD_3	INTEGER	PIXIT 2.13d.b	
D_UD_4	INTEGER	PIXIT 2.13e.b	
D_UD_5	INTEGER	PIXIT 2.13f.b	
D_UD_6	INTEGER	PIXIT 2.13g.b	
D_UD_7	INTEGER	PIXIT 2.13h.b	
D_UD_8	INTEGER	PIXIT 2.13i.b	
D_UD_U	INTEGER	PIXIT 2.13j.b	
ECUG_NUM	OCTETSTRING	PIXIT 2.8b	Extended Closed User Group
FACS_110	OCTETSTRING	PIXIT 2.6d	Facility field containing 110 octets of valid facilities
FAST_SELECT	BOOLEAN	PIXIT 2.6a	Is Fast Select always used by the IUT
FIRST_DATA_FROM_IUT	BOOLEAN	PIXIT 1.15	The IUT will send the first data packet
FR12I	IA5String	PICS FR12I	
FR1PI	IA5String	PICS FR1pi	
FR1WI	IA5String	PICS FR1wi	
FR20I	IA5String	PICS FR20i	
FR21	IA5String	PICS FR21	
FR22I	IA5String	PICS FR22i	
FR2I	IA5String	PICS FR2i	
FR3B	IA5String	PICS FR3b	
FR3E	IA5String	PICS FR3b	
FR5	IA5String	PICS FR5	
FR6B	IA5String	PICS FR6b	
FS2I	BOOLEAN	PICS FS2i	
FS3B	BOOLEAN	PICS FS3b	
F_AE	OCTETSTRING	PIXIT 2.5c.a	Address Extension facility field contained in a Call Accept
F_AE_L	INTEGER	PIXIT 2.5c.b	
F_NONX25	OCTETSTRING	PIXIT 2.5b.a	Address Extension facility field contained in an Incoming Call
F_NONX25_L	INTEGER	PIXIT 2.5b.b	
F_NUI	OCTETSTRING	PIXIT 2.12a	Network User Identification facility field
F_NUI_L	INTEGER	PIXIT 2.12b	
GR0	BOOLEAN	PICS GR0	
GR3I	BOOLEAN	PICS GR3i	
GR4I	BOOLEAN	PICS GR4i	
GR5I	BOOLEAN	PICS GR5i	
GR6I	BOOLEAN	PICS GR6i	
GR7I	BOOLEAN	PICS GR7i	
GS3IA	BOOLEAN	PICS GS3ia	
GS3IB	BOOLEAN	PICS GS3ib	
GS3IC	BOOLEAN	PICS GS3ic	

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Parameter Name	Type	PICS/PIXIT Ref	Comments
GS3ID	BOOLEAN	PICS GS3id	
GS3IE	BOOLEAN	PICS GS3ie	
GS3IF	BOOLEAN	PICS GS3if	
GS3IG	BOOLEAN	PICS GS3ig	
GS4IA	BOOLEAN	PICS GS4ia	
GS4IB	BOOLEAN	PICS GS4ib	
GS4IC	BOOLEAN	PICS GS4ic	
GS5I	BOOLEAN	PICS GS5i	
GS6I	BOOLEAN	PICS GS6i	
GS7I	BOOLEAN	PICS GS7i	
HIC	INTEGER	PIXIT 1.4a.b	Highest Incoming LCI
HOC	INTEGER	PIXIT 1.4b.b	Highest Outgoing LCI
HPV	INTEGER	PIXIT 1.3b	Highest PVC LCI
HTC	INTEGER	PIXIT 1.4c.b	Highest Two-way LCI
IMP_CALL	BOOLEAN	PIXIT 2.22a	IUT can send a Call Request on demand
IMP_DATA	BOOLEAN	PIXIT 2.22b	IUT can send a Data packet on demand
IMP_INT	BOOLEAN	PIXIT 2.22c	IUT can send an Interrupt packet on demand
IMP_REG	BOOLEAN	PIXIT 2.22f	IUT can send a Registration packet on demand
IMP_RESTRT	BOOLEAN	PIXIT 2.22e	IUT can send A Restart on demand
IMP_RESTRTC	BOOLEAN	PIXIT 2.22d	IUT can send a Restart Confirmation on demand
IMP_TO	INTEGER	PIXIT 2.22g	Time for IUT to satisfy Implicit Send
IR	BOOLEAN	PICS Ir	IUT can receive Interrupt packets
ISO	BOOLEAN	PIXIT 1.1a	IUT is to be tested to ISO 8208
IUT_ACTS_DCE	BOOLEAN	PICS Et/c	DTE/DTE testing the IUT is a DCE
IUT_ACTS_DTE	BOOLEAN	PICS Et/t	DTE/DTE testing the IUT is a DTE
IUT_ADDR1	HEXSTRING	PIXIT 2.2a.b	Incoming Call called address
IUT_ADDR1_L	INTEGER	PIXIT 2.2a.d	
IUT_ADDR2	HEXSTRING	PIXIT 2.2b.b	Call Connected called address
IUT_ADDR2_L	INTEGER	PIXIT 2.2b.d	
IUT_ADDR5	HEXSTRING	PIXIT 2.3a.a	Call Request calling address
IUT_ADDR5_L	INTEGER	PIXIT 2.3a.c	
IUT_ADDR6	HEXSTRING	PIXIT 2.3b.a	Call Accepted calling address
IUT_ADDR6_L	INTEGER	PIXIT 2.3b.c	
IUT_ADDR_INV	HEXSTRING	PIXIT 2.1d.a	Invalid called address
IUT_ADDR_INVL	INTEGER	PIXIT 2.1d.b	
IUT_ADDR_MAX	HEXSTRING	PIXIT 2.4a	Maximum length address supported by the IUT
IUT_ADDR_MAXL	INTEGER	PIXIT 2.4b	
IUT_AF	HEXSTRING	PIXIT 2.5a.b	Called address extension facility field
IUT_AF_L	INTEGER	PIXIT 2.5a.d	
IUT_DYNAMIC	BOOLEAN	PICS Et/d	DTE/DTE testing the IUT is dynamic in its role
IUT_RX	BOOLEAN	PIXIT 1.2b	IUT is capable of receiving Data packets
IUT_TX	BOOLEAN	PIXIT 1.2a	IUT is capable of sending Data packets
LCI_UNDER_TEST	INTEGER	PIXIT 1.5	Logical channel under test
LIC	INTEGER	PIXIT 1.4a.a	Lowest Incoming LCI
LOC	INTEGER	PIXIT 1.4b.a	Lowest Outgoing LCI
LPV	INTEGER	PIXIT 1.3a	Lowest PVC LCI

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Parameter Name	Type	PICS/PIXIT Ref	Comments
LTC	INTEGER	PIXIT 1.4c.a	Lowest Two-way LCI
LUC	INTEGER	PIXIT 1.6	Unassigned Logical Channel
MAX_PKT_SZ	INTEGER	PIXIT 1.11	Maximum flow control packet size
MORE_DATA	BOOLEAN	PIXIT 1.16	IUT send more data packets than its window size
MULT_FAC_IN	BOOLEAN	PIXIT 2.6b	IUT requires more than one facility in an Incoming Call
MULT_FAC_OUT	BOOLEAN	PIXIT 2.6c	IUT transmit more than one facility in a Call Request
M_UDE_0	INTEGER	PIXIT 2.16a.c	M-bit settings for empty Data packet sequence
M_UDE_1	INTEGER	PIXIT 2.16b.c	
M_UDE_2	INTEGER	PIXIT 2.16c.c	
M_UDE_3	INTEGER	PIXIT 2.16d.c	
M_UDE_4	INTEGER	PIXIT 2.16e.c	
M_UDE_5	INTEGER	PIXIT 2.16f.c	
M_UDE_6	INTEGER	PIXIT 2.16g.c	
M_UDE_7	INTEGER	PIXIT 2.16h.c	
M_UDE_8	INTEGER	PIXIT 2.16i.c	
M_UDMP	INTEGER	PIXIT 2.18a.c	M-bit setting for partially full Data packet
M_UDM_0	INTEGER	PIXIT 2.17a.c	M-bit settings for M-bit Data packet sequence
M_UDM_1	INTEGER	PIXIT 2.17b.c	
M_UDM_2	INTEGER	PIXIT 2.17c.c	
M_UDM_3	INTEGER	PIXIT 2.17d.c	
M_UDM_4	INTEGER	PIXIT 2.17e.c	
M_UDM_5	INTEGER	PIXIT 2.17f.c	
M_UDM_6	INTEGER	PIXIT 2.17g.c	
M_UDM_7	INTEGER	PIXIT 2.17h.c	
M_UDM_8	INTEGER	PIXIT 2.17i.c	
M_UDQA_0	INTEGER	PIXIT 2.15a.c	M-bit settings for acceptable Q-bit Data packet sequence
M_UDQA_1	INTEGER	PIXIT 2.15b.c	
M_UDQA_2	INTEGER	PIXIT 2.15c.c	
M_UDQA_3	INTEGER	PIXIT 2.15d.c	
M_UDQA_4	INTEGER	PIXIT 2.15e.c	
M_UDQA_5	INTEGER	PIXIT 2.15f.c	
M_UDQA_6	INTEGER	PIXIT 2.15g.c	
M_UDQA_7	INTEGER	PIXIT 2.15h.c	
M_UDQA_8	INTEGER	PIXIT 2.15i.c	
M_UDQ_0	INTEGER	PIXIT 2.14a.c	M-bit settings for invalid Q-bit Data packet sequence
M_UDQ_1	INTEGER	PIXIT 2.14b.c	
M_UDQ_2	INTEGER	PIXIT 2.14c.c	
M_UDQ_3	INTEGER	PIXIT 2.14d.c	
M_UDQ_4	INTEGER	PIXIT 2.14e.c	
M_UDQ_5	INTEGER	PIXIT 2.14f.c	
M_UDQ_6	INTEGER	PIXIT 2.14g.c	
M_UDQ_7	INTEGER	PIXIT 2.14h.c	
M_UDQ_8	INTEGER	PIXIT 2.14i.c	
M_UD_0	INTEGER	PIXIT 2.13a.c	M-bit settings for normal Data packet sequence
M_UD_1	INTEGER	PIXIT 2.13b.c	
M_UD_2	INTEGER	PIXIT 2.13c.c	

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Parameter Name	Type	PICS/PIXIT Ref	Comments
M_UD_3	INTEGER	PIXIT 2.13d.c	
M_UD_4	INTEGER	PIXIT 2.13e.c	
M_UD_5	INTEGER	PIXIT 2.13f.c	
M_UD_6	INTEGER	PIXIT 2.13g.c	
M_UD_7	INTEGER	PIXIT 2.13h.c	
M_UD_8	INTEGER	PIXIT 2.13i.c	
M_UD_U	INTEGER	PIXIT 2.13j.c	
NS_DEF_PKT_SZ_RX	INTEGER	PIXIT 1.10b	Nonstandard receive default packet size
NS_DEF_PKT_SZ_TX	INTEGER	PIXIT 1.10a	Nonstandard transmit default packet size
NS_DEF_WIN_SZ_NUM	INTEGER	PIXIT 1.9c	Used in P26-113
NS_DEF_WIN_SZ_RX	INTEGER	PIXIT 1.9b.b	Nonstandard receive default window size
NS_DEF_WIN_SZ_TX	INTEGER	PIXIT 1.9b.a	Nonstandard transmit default window size
O1	BOOLEAN	PICS O1	
O2	BOOLEAN	PICS O2	
O3	BOOLEAN	PICS O3	
O4	BOOLEAN	PICS O4	
O5	BOOLEAN	PICS O5	
Q_UDE_0	INTEGER	PIXIT 2.16a.a	Q-bit settings for empty Data packet sequence
Q_UDE_1	INTEGER	PIXIT 2.16b.a	
Q_UDE_2	INTEGER	PIXIT 2.16c.a	
Q_UDE_3	INTEGER	PIXIT 2.16d.a	
Q_UDE_4	INTEGER	PIXIT 2.16e.a	
Q_UDE_5	INTEGER	PIXIT 2.16f.a	
Q_UDE_6	INTEGER	PIXIT 2.16g.a	
Q_UDE_7	INTEGER	PIXIT 2.16h.a	
Q_UDE_8	INTEGER	PIXIT 2.16i.a	
Q_UDMP	INTEGER	PIXIT 2.18a.a	Q-bit setting for partially full Data packet
Q_UDM_0	INTEGER	PIXIT 2.17a.a	Q-bit settings for M-bit Data packet sequence
Q_UDM_1	INTEGER	PIXIT 2.17b.a	
Q_UDM_2	INTEGER	PIXIT 2.17c.a	
Q_UDM_3	INTEGER	PIXIT 2.17d.a	
Q_UDM_4	INTEGER	PIXIT 2.17e.a	
Q_UDM_5	INTEGER	PIXIT 2.17f.a	
Q_UDM_6	INTEGER	PIXIT 2.17g.a	
Q_UDM_7	INTEGER	PIXIT 2.17h.a	
Q_UDM_8	INTEGER	PIXIT 2.17i.a	
Q_UDQA_0	INTEGER	PIXIT 2.15a.a	Q-bit settings for acceptable Q-bit Data packet sequence
Q_UDQA_1	INTEGER	PIXIT 2.15b.a	
Q_UDQA_2	INTEGER	PIXIT 2.15c.a	
Q_UDQA_3	INTEGER	PIXIT 2.15d.a	
Q_UDQA_4	INTEGER	PIXIT 2.15e.a	
Q_UDQA_5	INTEGER	PIXIT 2.15f.a	
Q_UDQA_6	INTEGER	PIXIT 2.15g.a	
Q_UDQA_7	INTEGER	PIXIT 2.15h.a	
Q_UDQA_8	INTEGER	PIXIT 2.15i.a	
Q_UDQ_0	INTEGER	PIXIT 2.14a.a	Q-bit settings for invalid Q-bit Data packet sequence

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Parameter Name	Type	PICS/PIXIT Ref	Comments
Q_UDQ_1	INTEGER	PIXIT 2.14b.a	
Q_UDQ_2	INTEGER	PIXIT 2.14c.a	
Q_UDQ_3	INTEGER	PIXIT 2.14d.a	
Q_UDQ_4	INTEGER	PIXIT 2.14e.a	
Q_UDQ_5	INTEGER	PIXIT 2.14f.a	
Q_UDQ_6	INTEGER	PIXIT 2.14g.a	
Q_UDQ_7	INTEGER	PIXIT 2.14h.a	
Q_UDQ_8	INTEGER	PIXIT 2.14i.a	
Q_UD_0	INTEGER	PIXIT 2.13a.a	Q-bit settings for normal Data packet sequence
Q_UD_1	INTEGER	PIXIT 2.13b.a	
Q_UD_2	INTEGER	PIXIT 2.13c.a	
Q_UD_3	INTEGER	PIXIT 2.13d.a	
Q_UD_4	INTEGER	PIXIT 2.13e.a	
Q_UD_5	INTEGER	PIXIT 2.13f.a	
Q_UD_6	INTEGER	PIXIT 2.13g.a	
Q_UD_7	INTEGER	PIXIT 2.13h.a	
Q_UD_8	INTEGER	PIXIT 2.13i.a	
Q_UD_U	INTEGER	PIXIT 2.13j.a	Q-bit setting for normal Data packet
REJ_SUPP	BOOLEAN	PICS DS6	Packet Retransmission supported
REPLY_REQUIRED	BOOLEAN	PIXIT 1.14	IUT required a one for one exchange of Data packets
RESET_PVC	BOOLEAN	PICS W2pa	Reset PVC on error
RESET_VC	BOOLEAN	PICS W2sa	Reset VC on error
RSR	BOOLEAN	PICS RSr	IUT supports resetting
RST_ON_ERR_C	BOOLEAN	PICS W1b	IUT Restarts on ERROR-C (Restart instead of Clear)
RST_ON_ERR_R	BOOLEAN	PICS W2sc	IUT Restarts on ERROR-R (Restart instead of Reset)
RST_ON_ERR_R_PVC	BOOLEAN	PICS W2pb	IUT Restarts on ERROR-R on a PVC
S1A	BOOLEAN	PICS S1a	Fast select no restriction
S1B	BOOLEAN	PICS S1b	Fast selection with restriction
S1C	BOOLEAN	PICS S1c	Non-fast select
S2A	BOOLEAN	PICS S2a	Fast select with accept
S2B	BOOLEAN	PICS S2b	Fast select always cleared
S2C	BOOLEAN	PICS S2c	Non-fast select with accept
S2D	BOOLEAN	PICS S2d	Non-fast select cleared
SEQ_MODULO	INTEGER	PIXIT 1.12	Sequence modulo used for testing
SIM_CALL_IN	INTEGER	PIXIT 1.7	Number of simultaneous incoming calls
SIM_CALL_OUT	INTEGER	PIXIT 1.8	Number of simultaneous outgoing calls
T20	INTEGER	PIXIT 1.19a	Timer T20
T21	INTEGER	PIXIT 1.19b	Timer T21
T22	INTEGER	PIXIT 1.19c	Timer T22
T23	INTEGER	PIXIT 1.19d	Timer T23
T24	INTEGER	PIXIT 1.19e	Timer T24
T25	INTEGER	PIXIT 1.19f	Timer T25
T26	INTEGER	PIXIT 1.19g	Timer T26
T27	INTEGER	PIXIT 1.19h	Timer T27
T28	INTEGER	PIXIT 1.19i	Timer T28
TC_DELAY	INTEGER	PIXIT 1.18b	Delay after Clear procedure

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Parameter Name	Type	PICS/PIXIT Ref	Comments
TDELTA	INTEGER	PIXIT 1.21	Delta value added to IUT timers
TD_RESPONSE	INTEGER	PIXIT 1.20	Maximum time the tester should wait for an immediate IUT response
TD_WAIT_TIME	INTEGER	PIXIT 1.23	Time the tester will wait for an IUT response
THREE_DATA	BOOLEAN	PIXIT 1.17	IUT will send at least 3 data packet more than its modulo
THRUPT_CALLED	INTEGER	PIXIT 2.10b	Called Throughput Class
THRUPT_CALLING	INTEGER	PIXIT 2.10a	Calling Throughput Class
TO_DELAY_D3_MAX	INTEGER	PIXIT 1.22f	Maximum time the IUT will remain in state D3
TO_DELAY_D3_MIN	INTEGER	PIXIT 1.22e	Minimum time the IUT will remain in state D3
TO_DELAY_J2_MAX	INTEGER	PIXIT 1.22j	Maximum time the IUT will remain in state J2
TO_DELAY_J2_MIN	INTEGER	PIXIT 1.22i	Minimum time the IUT will remain in state J2
TO_DELAY_P3_MAX	INTEGER	PIXIT 1.22d	Maximum time the IUT will remain in state P3
TO_DELAY_P3_MIN	INTEGER	PIXIT 1.22c	Minimum time the IUT will remain in state P3
TO_DELAY_P7_MAX	INTEGER	PIXIT 1.22h	Maximum time the IUT will remain in state P7
TO_DELAY_P7_MIN	INTEGER	PIXIT 1.22g	Minimum time the IUT will remain in state P7
TO_DELAY_R3_MAX	INTEGER	PIXIT 1.22b	Maximum time the IUT will remain in state R3
TO_DELAY_R3_MIN	INTEGER	PIXIT 1.22a	Minimum time the IUT will remain in state R3
TRNS_DELAY	INTEGER	PIXIT 2.11	Transit Delay
TR_DELAY	INTEGER	PIXIT 1.18a	Delay after Restart procedure
TST_ADDR1	HEXSTRING	PIXIT 2.2a.a	Incoming Call calling address
TST_ADDR1_L	INTEGER	PIXIT 2.2a.c	
TST_ADDR2	HEXSTRING	PIXIT 2.2b.a	Call Connected calling address
TST_ADDR2_L	INTEGER	PIXIT 2.2b.c	
TST_ADDR5	HEXSTRING	PIXIT 2.3a.b	Call Request called address
TST_ADDR5_L	INTEGER	PIXIT 2.3a.d	
TST_ADDR6	HEXSTRING	PIXIT 2.3b.b	Call Accepted called address
TST_ADDR6_L	INTEGER	PIXIT 2.3b.d	
TST_ADDR_INV	HEXSTRING	PIXIT 2.1b.a	Invalid calling address
TST_ADDR_INVL	INTEGER	PIXIT 2.1b.b	
TST_AF	HEXSTRING	PIXIT 2.5a.a	Calling address extension facility field
TST_AF_L	INTEGER	PIXIT 2.5a.c	
TS_DELAY	INTEGER	PIXIT 1.18c	Delay after Reset procedure
UD1	OCTETSTRING	PIXIT 2.19a	One octet of user data
UD110	OCTETSTRING	PIXIT 2.19f	110 octets of user data
UD128	OCTETSTRING	PIXIT 2.19g	128 octets of user data
UD129	OCTETSTRING	PIXIT 2.19h	129 octets of user data
UD16	OCTETSTRING	PIXIT 2.19c	16 octets of user data
UD17	OCTETSTRING	PIXIT 2.19d	17 octets of user data
UD2	OCTETSTRING	PIXIT 2.19k	Two octets of user data
UD3	OCTETSTRING	PIXIT 2.19b	Three octets of user data
UD32	OCTETSTRING	PIXIT 2.19e	32 octets of user data
UD33	OCTETSTRING	PIXIT 2.19j	33 octets of user data
UD4	OCTETSTRING	PIXIT 2.19l	Four octets of user data
UDE0	OCTETSTRING	PIXIT 2.16a.d	Data field for empty Data packet sequence
UDE1	OCTETSTRING	PIXIT 2.16b.d	
UDE2	OCTETSTRING	PIXIT 2.16c.d	

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Parameter Name	Type	PICS/PIXIT Ref	Comments
UDE3	OCTETSTRING	PIXIT 2.16d.d	
UDE4	OCTETSTRING	PIXIT 2.16e.d	
UDE5	OCTETSTRING	PIXIT 2.16f.d	
UDE6	OCTETSTRING	PIXIT 2.16g.d	
UDE7	OCTETSTRING	PIXIT 2.16h.d	
UDE8	OCTETSTRING	PIXIT 2.16i.d	
UDM0	OCTETSTRING	PIXIT 2.17a.d	Data field for M-bit Data packet sequence
UDM1	OCTETSTRING	PIXIT 2.17b.d	
UDM2	OCTETSTRING	PIXIT 2.17c.d	
UDM3	OCTETSTRING	PIXIT 2.17d.d	
UDM4	OCTETSTRING	PIXIT 2.17e.d	
UDM5	OCTETSTRING	PIXIT 2.17f.d	
UDM6	OCTETSTRING	PIXIT 2.17g.d	
UDM7	OCTETSTRING	PIXIT 2.17h.d	
UDM8	OCTETSTRING	PIXIT 2.17i.d	
UDMP	OCTETSTRING	PIXIT 2.18a.d	Data field of partially full Data packet
UDNS	OCTETSTRING	PIXIT 2.19i	Data field containing the number of octets of the Nonstandard Default packet size
UDQ0	OCTETSTRING	PIXIT 2.14a.d	Data field for invalid Q-bit Data packet sequence
UDQ0A	OCTETSTRING	PIXIT 2.15a.d	Data field for acceptable Q-bit Data packet sequence
UDQ1	OCTETSTRING	PIXIT 2.14b.d	
UDQ1A	OCTETSTRING	PIXIT 2.15b.d	
UDQ2	OCTETSTRING	PIXIT 2.14c.d	
UDQ2A	OCTETSTRING	PIXIT 2.15c.d	
UDQ3	OCTETSTRING	PIXIT 2.14d.d	
UDQ3A	OCTETSTRING	PIXIT 2.15d.d	
UDQ4	OCTETSTRING	PIXIT 2.14e.d	
UDQ4A	OCTETSTRING	PIXIT 2.15e.d	
UDQ5	OCTETSTRING	PIXIT 2.14f.d	
UDQ5A	OCTETSTRING	PIXIT 2.15f.d	
UDQ6	OCTETSTRING	PIXIT 2.14g.d	
UDQ6A	OCTETSTRING	PIXIT 2.15g.d	
UDQ7	OCTETSTRING	PIXIT 2.14h.d	
UDQ7A	OCTETSTRING	PIXIT 2.15h.d	
UDQ8	OCTETSTRING	PIXIT 2.14i.d	
UDQ8A	OCTETSTRING	PIXIT 2.15i.d	
UD_0	OCTETSTRING	PIXIT 2.13a.d	Data field for normal Data packet sequence
UD_1	OCTETSTRING	PIXIT 2.13b.d	
UD_2	OCTETSTRING	PIXIT 2.13c.d	
UD_3	OCTETSTRING	PIXIT 2.13d.d	
UD_4	OCTETSTRING	PIXIT 2.13e.d	
UD_5	OCTETSTRING	PIXIT 2.13f.d	
UD_6	OCTETSTRING	PIXIT 2.13g.d	
UD_7	OCTETSTRING	PIXIT 2.13h.d	
UD_8	OCTETSTRING	PIXIT 2.13i.d	
UD_I_IUT	OCTETSTRING	PIXIT 2.20a	Interrupt data the IUT transmits

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Table 76 (Page 10 of 10). Test Suite Parameter Declarations

Parameter Name	Type	PICS/PIXIT Ref	Comments
UD_I_TST	OCTETSTRING	PIXIT 2.20b	Interrupt data the Tester transmits
UD_U	OCTETSTRING	PIXIT 2.13j.d	Contents of data field for normal Data packet
UD_U_UD1	OCTETSTRING	PIXIT 2.13k	
VP	BOOLEAN	PICS Vp	Supports PVC
Vs	BOOLEAN	PICS Vs	
V_CALL	BOOLEAN	PICS Vs	IUT supports virtual calls
W1A	BOOLEAN	PICS W1a	
W2PA	BOOLEAN	PICS W2pa	
W2SA	BOOLEAN	PICS W2sa	
Z4I	BOOLEAN	PICS Z4i	
Z4R	BOOLEAN	PICS Z4r	

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7.6 Test case selection expression definitions

Table 77 (Page 1 of 3). Test Case Selection Expression Definitions

Expression Name	Selection Expression	Comments
AEF	INCACC AND (FR20I = "Yes") AND (FR21 = "Yes") AND (FR22I = "Yes") AND NOT MULT_FAC_IN AND NOT CCITT_80	IUT supports an Incoming Call with Calling and Called Address Extension
ASP_SUPPORT	ASP_SUPP AND NOTCCITT	IUT's support the use of ASP's
BCUGIN	INCACC AND (FR3B = "Yes") AND NOT MULT_FAC_IN	IUT supports an Incoming Call with Basic CUG
BCUGOUT	CALLOUT1 AND FS3B AND NOT MULT_FAC_OUT	IUT can send a Call Request with Basic CUG
BICUG	INCACC AND (FR5 = "Yes") AND NOT MULT_FAC_IN	IUT supports an Incoming Call with Bilateral CUG
CALLOUT	S1 AND IMP_CALL	IUT can send a Call Request on demand
CALLOUT1	(S1A OR S1C) AND IMP_CALL	IUT can send a Call Request on demand
D1T25	SD AND (T25 > 0) AND NOTCCITT	IUT implements window rotation timer T25
D1T26	STATE_D1 AND (T26 > 0) AND NOTCCITT	IUT implements Interrupt timer T26
D1T27	STATE_D1 AND RSR AND DR6 AND (T27 > 0) AND NOTCCITT	IUT implements reject timer T27
D30BS	O4 AND (TO_DELAY_D3_MIN > = 2*TD_RESPONSE)	State D3 not transient
DR1_AND_ISO8208	DR1 AND NOTCCITT	Receive data and not CCITT IUTs
DTEDTE	NOTCCITT AND (IUT_ACTS_DTE OR IUT_ACTS_DCE OR IUT_DYNAMIC)	
DTEDTE1	STATE_P5 AND IUT_ACTS_DTE AND NODISC	IUT acting as DTE handles a call collision
DTEDTE2	STATE_P5 AND IUT_ACTS_DCE AND NODISC	IUT acting as DTE accepts a Restart
DTEDTE3	INCACC AND IMP_RESTRT AND NODISC AND (IUT_ACTS_DTE OR IUT_ACTS_DCE OR IUT_DYNAMIC)	IUT handles a restart collision in the DTE/DTE role
DTEDTE4	INCACC AND IUT_ACTS_DTE	IUT acting as DTE clears a call with invalid facility
DTEDTE5	STATE_D1 AND Z4R AND IUT_ACTS_DTE	IUT acting as DTE accepts a registration
DTEDTE6	STATE_D1 AND Z4I AND IUT_ACTS_DTE AND IMP_REG	IUT acting as DTE handles registration collision
DTEDTE7	STATE_D1 AND DS6 AND IMP_DATA AND IUT_ACTS_DTE	IUT supports Reject in DTE/DTE role
DTEDTE8	(S1 AND S2) AND NODISC AND IUT_ACTS_DCE	IUT acting as DCE accepts a Clear
DTHRIN	INCACC AND (FR2I = "Yes") AND NOT MULT_FAC_IN	IUT supports an Incoming Call with Default Throughput Class
DTHROUT	CALLOUT1 AND FS2I AND NOT MULT_FAC_OUT	IUT can send a Call Request with Default Throughput Class
DWIN	INCACC AND (FR1WI = "Yes") AND NOT MULT_FAC_IN	IUT supports an Incoming Call with Default Window Size
ECUG	INCACC AND (FR3E = "Yes") AND NOT MULT_FAC_IN	IUT supports an Incoming Call with Extended CUG
EDVER	S2 AND CALLED_VER	Does the IUT verify the called address in an Incoming Call
FSINC	S2A AND NOT MULT_FAC_IN	IUT supports an Incoming Call with Fast Select acceptance with no restriction on response
FSOUT	S1A AND IMP_CALL AND NOT MULT_FAC_OUT	IUT can send a Call Request with Fast Select with no restriction on response
FSOUT1	FSOUT AND NOT CCITT_80	IUT can send a Call Request with Fast Select with no restriction on response

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Table 77 (Page 2 of 3). Test Case Selection Expression Definitions

Expression Name	Selection Expression	Comments
FSOUT2	S1B AND IMP_CALL AND NOT MULT_FAC_OUT	IUT can send a Call Request with Fast Select with restriction on response
IMPSD	IMP_DATA	IUT can send a Data packet on demand
INCACC	S2A OR S2C	IUT accepts Incoming Calls
INCALL	(S2A OR S2C) AND O2 AND (TO_DELAY_P3_MIN > = 2*TD_RESPONSE)	State P3 is not transient and Incoming Calls accepted
INGVER	S2 AND CALLING_VER	Does the IUT verify the calling address in an Incoming Call
MINC	(S2A OR S2C) AND (SIM_CALL_IN > = 2)	Multiple incoming calls supported
MOUT	S1 AND IMP_CALL AND (SIM_CALL_OUT > = 2)	Multiple outgoing calls supported
NODISC	NOT DISC_AT_DL	IUT disconnects on unexpected Restart procedure
NOTCCITT	NOT (CCITT_80 OR CCITT_84)	IUT 8208 IUTs only
PSZD	INCACC AND (FR1PI = "Yes") AND NOT MULT_FAC_IN	IUT supports an Incoming Call with Default Packet Size
R1T28	Z4I AND IMP_REG AND (T28 > 0)	IUT implements registration timer T28
RC	INCACC AND (FR6B = "Yes") AND NOT MULT_FAC_IN	IUT supports an Incoming Call with Reverse Charging
RCV_DATA	DR1	IUT can receives Data packets
RCV_DATA_AND_RESET	DR1 AND RSR	IUT receives Data packets and supports resetting
RD	DR1 AND STATE_D1	Receive data in state D1
REG	Z4I AND GR0 AND IMP_REG AND NOT CCITT_80	IUT supports on-line registration
REGCI	GS3IG AND GR3I	IUT supports registration of Charging Information
REGDB	GS4IC AND GR4I	IUT supports registration of D-bit Modification
REGDTC	GS7I AND GR7I	IUT supports registration of Default Throughput Class
REGEPS	GS4IA AND GR4I	IUT supports registration of Extended Packet Sequence
REGFC	GS3IE AND GR3I	IUT supports registration of Flow Control Negotiation
REGFSA	GS3IC AND GR3I	IUT supports registration of Fast Select Acceptance
REGICB	GS3IA AND GR3I	IUT supports registration of Incoming Calls Barred
REGNPS	GS5I AND GR5I	IUT supports registration of Non-standard Default Packet Size
REGNWS	GS6I AND GR6I	IUT supports registration of Non-standard Default Window Size
REGOCB	GS3IB AND GR3I	IUT supports registration of Outgoing Calls Barred
REGPR	GS4IB AND GR4I	IUT supports registration of Packet Retransmission
REGRC	GS3ID AND GR3I	IUT supports registration of Reverse Charging
REGTC	GS3IF AND GR3I	IUT supports registration of Throughtput Class Negotiation
RESETPVC	RESET_PVC	IUT supports resetting on PVCs
RESETVC	RESET_VC	IUT supports resetting on VCs
S1	S1A OR S1B OR S1C	Supports outgoing calls
S2	S2A OR S2B OR S2C OR S2D	Supports incoming calls
SD	STATE_D1 AND DS1	IUT sends Data packets
SEND_DATA	DS1	IUT sends Data packets
SEND_MORE	MORE_DATA AND IMP_DATA	IUT will send more data packets than its window size
SEND_THREE	THREE_DATA	IUT will send at least 3 data packets more than its modulo
STATE_D1	STATE_P4 OR VP	Flow control ready via VC or PVC
STATE_D2	(STATE_P4 AND DR1 AND RESET_VC) OR (VP AND DR1 AND RESET_PVC)	IUT supports reset procedure on error

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Table 77 (Page 3 of 3). Test Case Selection Expression Definitions

Expression Name	Selection Expression	Comments
STATE_D3	(D30BS AND STATE_P4 AND RESET_VC) OR (D30BS AND VP AND RESET_PVC)	State D3 is not transient and IUT resets on errors.
STATE_I2	STATE_D1 AND IMP_INT	Flow Control ready and sends interrupt
STATE_J1	STATE_D1 AND IR	Flow control ready and receives Interrupt packets
STATE_J2	STATE_D1 AND O5 AND (TO_DELAY_J2_MIN > = 2*TD_RESPONSE)	DXE Interrupt Send state not transient
STATE_P4	S2A OR S2C OR ((S1A AND IMP_CALL) OR (S1C AND IMP_CALL))	Data Transfer state
STATE_P5	((S2A OR S2C) AND (S1A AND IMP_CALL)) OR ((S2A OR S2C) AND (S1C AND IMP_CALL))	Call collision state
STATE_P6	CLR_ON_ERR_C	IUT supports clear procedure on error (VC only)
STATE_P7	VS AND (TO_DELAY_P7_MIN > = 2*TD_RESPONSE)	State P7 is not transient
STATE_R3	O1 AND (TO_DELAY_R3_MIN > = 2*TD_RESPONSE)	State R3 is not transient
SUPPORT_PVC	VP	IUT supports PVCs
SUPPORT_PVC_RESET	VP AND RESET_PVC	IUT supports PVCs and the reset procedure
SUPPORT_VC_OR_PVC	(STATE_P4 AND RESET_VC) OR (VP AND RESET_PVC)	IUT supports VCs and PVCs and the reset procedure
TRD	INCACC AND (FR12I = "Yes") AND NOT MULT_FAC_IN	IUT supports an Incoming Call with Transit Delay Indication
VS	S1 OR S2	IUT supports virtual calls

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7.7 Test suite constant declarations

Table 78. Test Suite Constant Declarations

Constant Name	Type	Value	Comments
ANY_VC	INTEGER	9	Any VC or PVC
GFI_B	INTEGER	1	Basic format PDU
GFI_X	INTEGER	2	Extended format PDU
IVC	INTEGER	3	Incoming Virtual Call
NIL	INTEGER	4096	A value never used in the test suite
NO_LC	INTEGER	10	No logical channel
OVC	INTEGER	4	Outgoing Virtual Call
PVC	INTEGER	2	Permanent Virtual Circuit
SVC	INTEGER	8	Switched Virtual Circuit
TVC	INTEGER	1	Two-way Virtual Call
TVC_OR_IVC	INTEGER	6	Two-way or Incoming Virtual Call
TVC_OR_OVC	INTEGER	7	Two-way or Outgoing Virtual Call
UVC	INTEGER	5	Undefined Logical Channel

7.8 Test suite variable declarations

Table 79. Test Suite Variable Declarations

Variable Name	Type	Value	Comments
FIRST_TEST	BOOLEAN	TRUE	
LCI	INTEGER	0	Combination of LCGN and LCN

7.9 Test case variable declarations

Table 80. Test Case Variable Declarations

Variable Name	Type	Value	Comments
COUNT	INTEGER	0	Working integer variable
COUNT1	INTEGER	0	Working integer variable
D_BIT_IN_USE	BOOLEAN	FALSE	D-bit currently in use
GF	INTEGER	0	Counter used to increment the GFI
IX	INTEGER	0	Working integer variable
LC	INTEGER	0	3 semi-octets containing the LGCN and LCN used to form the LCI
LCGN	BITSTRING	'0000'B	Logical Channel Group Number
LCI_ACTIVE	INTEGER	0	Active logical channel in use
LCN	BITSTRING	'00000000'B	Logical Channel Number
PR	INTEGER	0	Receive sequence number P(R)
PS	INTEGER	0	Send sequence number P(S)
PT	INTEGER	0	The trailing window edge
TEMP	INTEGER	0	Working Integer variable

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7.10 PCO declarations

Table 81. PCO Declarations			
PCO Name	PCO Type	Role	Comments
L	PCO	LT	LSAP is the Link Service Access Point. For the Tester the Point of Control and Observation for Protocol Data Units and Packet Layer services received from the IUT

7.11 Timer declarations

Table 82. Timer Declarations			
Timer Name	Duration	Unit	Comments
IUT_TO	IMP_TO	sec	Operator timer to complete implicit send events (PIXIT 2.22g)
TC	TC_DELAY	ms	Time required by the IUT to resume testing after a Clear procedure (PIXIT 1.18b)
TD	TD_WAIT_TIME	sec	IUT discard timer (PIXIT 1.23)
TDEL	TDELTA	sec	Time added to timers T20,T28 (PIXIT 1.21)
TD_RESP	TD_RESPONSE	sec	IUT response timer (PIXIT 1.20)
TO_D3	TO_DELAY_D3_MIN	sec	Minimum time the IUT will remain in state D3 (PIXIT 1.22e)
TO_J2	TO_DELAY_J2_MIN	sec	Minimum time the IUT will remain in state J2 (PIXIT 1.22i)
TO_P3	TO_DELAY_P3_MIN	sec	Minimum time the IUT will remain in state P3 (PIXIT 1.22c)
TO_P7	TO_DELAY_P7_MIN	sec	Minimum time the IUT will remain in state P7 (PIXIT 1.22g)
TO_R3	TO_DELAY_R3_MIN	sec	Minimum time the IUT will remain in state R3 (PIXIT 1.22a)
TR	TR_DELAY	ms	Time required by the IUT to resume testing after a Restart procedure (PIXIT 1.18a)
TS	TS_DELAY	ms	Time required by the IUT to resume testing after a Reset procedure (PIXIT 1.18c)
TT20	T20	sec	Timer T20 (PIXIT 1.19a)
TT21	T21	sec	Timer T21 (PIXIT 1.19b)
TT22	T22	sec	Timer T22 (PIXIT 1.19c)
TT23	T23	sec	Timer T23 (PIXIT 1.19d)
TT24	T24	sec	Timer T24 (PIXIT 1.19e)
TT25	T25	sec	Timer T25 (PIXIT 1.19f)
TT26	T26	sec	Timer T26 (PIXIT 1.19g)
TT27	T27	sec	Timer T27 (PIXIT 1.19h)
TT28	T28	sec	Timer T28 (PIXIT 1.19i)

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7.12 ASN.1 ASP type definitions

Table 83. ASN.1 ASP Type Definition	
ASP Name	: DL_CONNECTreq
PCO Type	: PCO
Comments	: DL-CONNECT Request
Type Definition	
SEQUENCE {	
called_address	Called_Addr ,
calling_address	Calling_Addr ,
parameter_set	Dlcnr_Ps
}	

Table 84. ASN.1 ASP Type Definition	
ASP Name	: DL_CONNECTconf
PCO Type	: PCO
Comments	: DL-CONNECT Confirm
Type Definition	
SEQUENCE {	
responding_address	Resp_Addr ,
qos	Qos ,
parameter_set	Dlcnc_Ps
}	

Table 85. ASN.1 ASP Type Definition	
ASP Name	: DL_DISCONNECTind
PCO Type	: PCO
Comments	: DL-DISCONNECT Indication
Type Definition	
SEQUENCE {	
originator	Origin ,
reason	Reason
}	

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7.13 ASN.1 PDU type definitions

Table 86. ASN.1 PDU Type Definition

PDU Name	: Call
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                Packet_Header ,
  packet_type           OCTET STRING (SIZE (1)) ,
  called_dte_addr_len   INTEGER (0..15) ,
  calling_dte_addr_len  INTEGER (0..15) ,
  called_dte_addr       Address OPTIONAL ,
  calling_dte_addr      Address OPTIONAL ,
  facilities            Facility_Field ,
  user_data             Call_Request_User_Data OPTIONAL
}
```

Table 87. ASN.1 PDU Type Definition

PDU Name	: Accept
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                Packet_Header ,
  packet_type           OCTET STRING (SIZE (1)) ,
  called_dte_addr_len   INTEGER (0..15) ,
  calling_dte_addr_len  INTEGER (0..15) ,
  called_dte_addr       Address OPTIONAL ,
  calling_dte_addr      Address OPTIONAL ,
  facilities            Facility_Field ,
  call_user_data        OCTET STRING (SIZE (1..128)) OPTIONAL
}
```

Table 88. ASN.1 PDU Type Definition

PDU Name	: Clear
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                Packet_Header ,
  packet_type           OCTET STRING (SIZE (1)) ,
  clearing_cause        Clearing_Cause ,
  diagnostic_code       INTEGER (0..255) ,
  extended              Clear_Request_Extension OPTIONAL
}
```

Table 89. ASN.1 PDU Type Definition

PDU Name	: Clear_Confirmation
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                Packet_Header ,
  packet_type           OCTET STRING (SIZE (1)) ,
  extended              Clear_Confirmation_Extension OPTIONAL
}
```

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Table 90. ASN.1 PDU Type Definition

PDU Name	: Data
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                 Packet_Header ,
  flow_control_info      Flow_Control_Information ,
  user_data              User_Data_Type OPTIONAL
}
```

Table 91. ASN.1 PDU Type Definition

PDU Name	: Interrupt
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                 Packet_Header ,
  packet_type            OCTET STRING (SIZE (1)) ,
  user_data              OCTET STRING (SIZE (1..32))
}
```

Table 92. ASN.1 PDU Type Definition

PDU Name	: Interrupt_Confirmation
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                 Packet_Header ,
  packet_type            OCTET STRING (SIZE (1))
}
```

Table 93. ASN.1 PDU Type Definition

PDU Name	: Receive_Ready
PCO Type	: PCO
Comments	:

Type Definition

```
  header                 Packet_Header ,
  ack_info               Ack_Information ,
  packet_type            INTEGER
}
```

Table 94. ASN.1 PDU Type Definition

PDU Name	: Receive_Not_Ready
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                 Packet_Header ,
  ack_info               Ack_Information ,
  packet_type            INTEGER
}
```

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Table 95. ASN.1 PDU Type Definition

PDU Name	: Reject
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                Packet_Header ,
  ack_info              Ack_Information ,
  packet_type           INTEGER
}
```

Table 96. ASN.1 PDU Type Definition

PDU Name	: Reset
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                Packet_Header ,
  packet_type           OCTET STRING (SIZE (1)) ,
  resetting_cause       Clearing_Cause ,
  diagnostic_code       INTEGER (0..255)
}
```

Table 97. ASN.1 PDU Type Definition

PDU Name	: Reset_Confirmation
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                Packet_Header ,
  packet_type           OCTET STRING (SIZE (1))
}
```

Table 98. ASN.1 PDU Type Definition

PDU Name	: Restart
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                Packet_Header ,
  packet_type           OCTET STRING (SIZE (1)) ,
  restarting_cause      Restarting_Cause ,
  diagnostic_code       INTEGER (0..255)
}
```

Table 99. ASN.1 PDU Type Definition

PDU Name	: Restart_Confirmation
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                Packet_Header ,
  packet_type           OCTET STRING (SIZE (1))
}
```

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Table 100. ASN.1 PDU Type Definition

PDU Name	: Diagnostic
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  header                  Packet_Header ,
  packet_type             OCTET STRING (SIZE (1)) ,
  diagnostic_code         INTEGER (0..255) ,
  diagnostic_explanation  OCTET STRING (SIZE (2..3)) OPTIONAL
}
```

Table 101. ASN.1 PDU Type Definition

PDU Name	: Registration_Request
PCO Type	: PCO
Comments	:

Type Definition

```
[243] SEQUENCE {
  header          Packet_Header ,
  packet_type     OCTET STRING (SIZE (1)) ,
  dte_addr_len    INTEGER (0..15) ,
  dxe_addr_len    INTEGER (0..15) ,
  registration    Registration_Field
}
```

Table 102. ASN.1 PDU Type Definition

PDU Name	: Registration_Confirmation
PCO Type	: PCO
Comments	:

Type Definition

```
[247] SEQUENCE {
  header          Packet_Header ,
  packet_type     OCTET STRING (SIZE (1)) ,
  cause           Registration_Cause ,
  diagnostic_code INTEGER (0..255) ,
  dte_addr_len    INTEGER (0..15) ,
  dxe_addr_len    INTEGER (0..15) ,
  registration    Registration_Field
}
```

Table 103. ASN.1 PDU Type Definition

PDU Name	: Unformatted_Packet_Type
PCO Type	: PCO
Comments	:

Type Definition

```
OCTET STRING (SIZE (1..4100))
```

Table 104. ASN.1 PDU Type Definition

PDU Name	: Clear_Confirmation_Error
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  pdu     Clear_Confirmation ,
  error   OCTET STRING
}
```

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Table 105. ASN.1 PDU Type Definition

PDU Name	: Interrupt_Confirmation_Error
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  pdu                    Interrupt_Confirmation ,
  error                  OCTET STRING
}
```

Table 106. ASN.1 PDU Type Definition

PDU Name	: Receive_Ready_Error
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  pdu                    Receive_Ready ,
  error                  OCTET STRING
}
```

Table 107. ASN.1 PDU Type Definition

PDU Name	: Receive_Not_Ready_Error
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  pdu                    Receive_Not_Ready ,
  error                  OCTET STRING
}
```

Table 108. ASN.1 PDU Type Definition

PDU Name	: Reject_Error
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  pdu                    Reject ,
  error                  OCTET STRING
}
```

Table 109. ASN.1 PDU Type Definition

PDU Name	: Reset_Error
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  pdu                    Reset ,
  error                  OCTET STRING
}
```

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Table 110. ASN.1 PDU Type Definition

PDU Name	: Reset_Confirmation_Error
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  pdu                    Reset_Confirmation ,
  error                  OCTET STRING
}
```

Table 111. ASN.1 PDU Type Definition

PDU Name	: Restart_Error
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  pdu                    Restart ,
  error                  OCTET STRING
}
```

Table 112. ASN.1 PDU Type Definition

PDU Name	: Restart_Confirmation_Error
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  pdu                    Restart_Confirmation ,
  error                  OCTET STRING
}
```

Table 113. ASN.1 PDU Type Definition

PDU Name	: Unformatted_Packet_Error_Type
PCO Type	: PCO
Comments	:

Type Definition

```
SEQUENCE {
  pdu                    Packet_Header ,
  error                  OCTET STRING  OPTIONAL
}
```

Table 114. ASN.1 PDU Type Definition

PDU Name	: Interrupt_Packet_too_short
PCO Type	: PCO
Comments	:

Type Definition

```
[39] SEQUENCE {
  header                 Packet_Header ,
  packet_type            OCTET STRING (SIZE (1))
}
```

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7.14 ASN.1 type constraint declarations

Table 115. ASN.1 Type Constraint Declaration	
Constraint Name	: FAC_ACCRX
Structured Type	: Facility_Field
Derivation Path	:
Comments	: IUT to TST PIXIT 2.7d
Constraint Value	
{	
fac_len	CALL_ACC_FL,
facility	CALL_ACC_F
}	

Table 116. ASN.1 Type Constraint Declaration	
Constraint Name	: FAC_ACCTX
Structured Type	: Facility_Field
Derivation Path	:
Comments	: TST to IUT PIXIT 2.7c
Constraint Value	
{	
fac_len	CALL_CON_FL,
facility	CALL_CON_F
}	

Table 117. ASN.1 Type Constraint Declaration	
Constraint Name	: FAC_AE
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Address Extension PIXIT 2.5b
Constraint Value	
{	
fac_len	F_NONX25_L,
facility	F_NONX25
}	

Table 118. ASN.1 Type Constraint Declaration	
Constraint Name	: FAC_AE_A
Structured Type	: Facility_Field
Derivation Path	:
Comments	: IUT to TST PIXIT 2.5c
Constraint Value	
{	
fac_len	F_AE_L,
facility	F_AE
}	

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Table 119. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_BCUG
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Basic CUG

Constraint Value

```
{
  fac_len                          2,
  facility {
    cug_select_basic                {
      fac_code                       '03'H,
      cug_basic                      BCUG_NUM
                                    }
  }
}
```

Table 120. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_BICUG
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Bilateral CUG

Constraint Value

```
{
  fac_len                          3,
  facility {
    bilateral_cug_select            {
      fac_code                       '41'H,
      bilat_cug                      BICUG_NUM
                                    }
  }
}
```

Table 121. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_CALLRX
Structured Type	: Facility_Field
Derivation Path	:
Comments	: IUT to TST PIXIT 2.7b

Constraint Value

```
{
  fac_len                          CALL_REQ_FL,
  facility                         CALL_REQ_F
}
```

Table 122. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_CALLTX
Structured Type	: Facility_Field
Derivation Path	:
Comments	: TST to IUT PIXIT 2.7a

Constraint Value

```
{
  fac_len                          CALL_IND_FL,
  facility                         CALL_IND_F
}
```

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Table 123. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_CLCTX
Structured Type	: Facility_Field
Derivation Path	:
Comments	: TST to IUT PIXIT 2.7g

Constraint Value

```
{
  fac_len                    CLC_RX_FL,
  facility                   CLC_RX_F
}
```

Table 124. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_CLRTX
Structured Type	: Facility_Field
Derivation Path	:
Comments	: TST to IUT PIXIT 2.7e

Constraint Value

```
{
  fac_len                    CLR_IND_FL,
  facility                   CLR_IND_F
}
```

Table 125. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_CODE_BAD
Structured Type	: Facility_Field
Derivation Path	:
Comments	: TST to IUT facility code bad

Constraint Value

```
{
  fac_len                    1,
  facility                   'FE'H
}
```

Table 126. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_DEF_THR
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Default throughput class neg.

Constraint Value

```
{
  fac_len                    2,
  facility  {
    tcn                       {
      fac_code                  '02'H,
      from_called_DTE           DEF_THRUPT_CALLED,
      from_calling_DTE          DEF_THRUPT_CALLING
                              }
  }
}
```

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Table 127. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_DEF_WIN
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Default window size

Constraint Value

```
{
  fac_len                          3,
  facility  {
    window_size                     {
      fac_code                       '43'H,
      from_called_DTE                2,
      from_calling_DTE               2
                                    }
  }
}
```

Table 128. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_DPKT_SIZ
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Default pkt size 128

Constraint Value

```
{
  fac_len                          3,
  facility  {
    packet_size                     {
      fac_code                       '42'H,
      from_called_DTE                7,
      from_calling_DTE               7
                                    }
  }
}
```

Table 129. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_DURATN
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Charging Info: Call Duration 1 sec

Constraint Value

```
{
  fac_len                          6,
  facility  {
    charg_info_call_duration        {
      fac_code                       'C1'H,
      fac_parm_len                   4,
      call_duration                  {
                                      {
        number_of_days                '00'H,
        number_of_hours               '00'H,
        number_of_minutes             '00'H,
        number_of_seconds             '01'H
                                      }
                                    }
                                    }
  }
}
```

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Table 130. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_ECUG
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Extended CUG

Constraint Value

```
{
  fac_len                                3,
  facility  {
    cug_select_extended                    {
      fac_code                               '47'H,
      cug_basic                              ECUG_NUM
                                           }
  }
}
```

Table 131. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_EMPTY
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Missing facilities

Constraint Value

```
{
  fac_len                                1,
  facility                               '3F'H
}
```

Table 132. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_FST_SEL
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Fast Select no restriction

Constraint Value

```
{
  fac_len                                2,
  facility  {
    reverse_charging_fast_select           {
      fac_code                               '01'H,
      fac_parm                               '10000000'B
                                           }
  }
}
```

Table 133. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_FST_SELA
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Fast Select Reverse Charging

Constraint Value

```
{
  fac_len                                2,
  facility  {
    reverse_charging_fast_select           {
      fac_code                               '01'H,
      fac_parm                               '00000001'B
                                           }
  }
}
```

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Table 134. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_FST_SELR
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Fast Select with restriction

Constraint Value

```
{
  fac_len                              2,
  facility  {
    reverse_charging_fast_select        {
      fac_code                           '01'H,
      fac_parm                           '11000000'B
                                        }
  }
}
```

Table 135. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_LNG_110
Structured Type	: Facility_Field
Derivation Path	:
Comments	: 110 octets of correct facilities PIXIT 2.6d

Constraint Value

```
{
  fac_len                              110,
  facility                             FACS_110
}
```

Table 136. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_MPKT_SIZ
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Flow control parm. neg., pkt size

Constraint Value

```
{
  fac_len                              3,
  facility  {
    packet_size                        {
      fac_code                          '42'H,
      from_called_DTE                   MAX_PKT_SZ,
      from_calling_DTE                  MAX_PKT_SZ
                                        }
  }
}
```

Table 137. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_NOT_ALL
Structured Type	: Facility_Field
Derivation Path	:
Comments	: TST to IUT packet size facility with invalid facility parameter

Constraint Value

```
{
  fac_len                              3,
  facility  {
    packet_size                        {
      fac_code                          '42'H,
      from_called_DTE                   1,
      from_calling_DTE                  1
                                        }
  }
}
```

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Table 138. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_NUI
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Network user id. PIXIT 2.12

Constraint Value

```
{
  fac_len                    F_NUI_L,
  facility                   F_NUI
}
```

Table 139. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_PACKET
Structured Type	: Facility_Field
Derivation Path	:
Comments	: IUT to TST packet size

Constraint Value

```
{
  fac_len                    3,
  facility  {
    packet_size              {
      fac_code                 '02'H,
      from_called_DTE          ?,
      from_calling_DTE         ?
                               }
  }
}
```

Table 140. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_SHORT
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Short facilities

Constraint Value

```
{
  fac_len                    2,
  facility                   '01'H
}
```

Table 141. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_THRUPT
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Throughput class neg. PIXIT 2.10

Constraint Value

```
{
  fac_len                    2,
  facility  {
    tcn                      {
      fac_code                 '02'H,
      from_called_DTE          THRUPT_CALLED,
      from_calling_DTE         THRUPT_CALLING
                               }
  }
}
```

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Table 142. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_TRDDELAY
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Transit Delay PIXIT 2.11

Constraint Value

```
{
  fac_len                          2,
  facility {
    tdsai                           {
      fac_code                       '49'H,
      transit_delay_selection        TRNS_DELAY
                                    }
  }
}
```

Table 143. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_WINDOW
Structured Type	: Facility_Field
Derivation Path	:
Comments	: IUT to TST window size

Constraint Value

```
{
  fac_len                          2,
  facility {
    window_size                     {
      fac_code                       '43'H,
      from_called_DTE                ?,
      from_calling_DTE               ?
                                    }
  }
}
```

Table 144. ASN.1 Type Constraint Declaration

Constraint Name	: FAC_ZERO
Structured Type	: Facility_Field
Derivation Path	:
Comments	: Facility length zero

Constraint Value

```
{
  fac_len                          0
}
```

Table 145. ASN.1 Type Constraint Declaration

Constraint Name	: HDR_ANY_D (LCID: INTEGER)
Structured Type	: Packet_Header
Derivation Path	:
Comments	: Any D bit setting; basic format

Constraint Value

```
{
  general_format_id                {
    q_bit                           off,
    d_bit                           ?,
    indicator                       GFI_B
                                    },
  lc_id                            LCID
}
```

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Table 146. ASN.1 Type Constraint Declaration

Constraint Name	: HDR_ANY_Q (LCID: INTEGER)
Structured Type	: Packet_Header
Derivation Path	:
Comments	: Any Q bit setting; basic format

Constraint Value

```
{
  general_format_id                {
    q_bit                            ?,
    d_bit                            off,
    indicator                        GFI_B
                                   },
  lc_id                            LCID
}
```

Table 147. ASN.1 Type Constraint Declaration

Constraint Name	: HDR_ANY_QD (LCID: INTEGER)
Structured Type	: Packet_Header
Derivation Path	:
Comments	: Any Q or D bit setting; basic format

Constraint Value

```
{
  general_format_id                {
    q_bit                            ?,
    d_bit                            ?,
    indicator                        GFI_B
                                   },
  lc_id                            LCID
}
```

Table 148. ASN.1 Type Constraint Declaration

Constraint Name	: HDR_G (LCID: INTEGER)
Structured Type	: Packet_Header
Derivation Path	:
Comments	: General header basic format, D - bit and Q - bit set to zero

Constraint Value

```
{
  general_format_id                {
    q_bit                            off,
    d_bit                            off,
    indicator                        GFI_B
                                   },
  lc_id                            LCID
}
```

Table 149. ASN.1 Type Constraint Declaration

Constraint Name	: HDR_G_ANY
Structured Type	: Packet_Header
Derivation Path	:
Comments	: General Header basic format, D - bit and Q - bit set to 0, any LCI

Constraint Value

```
{
  general_format_id                {
    q_bit                            off,
    d_bit                            off,
    indicator                        GFI_B
                                   },
  lc_id                            ?
}
```

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Table 150. ASN.1 Type Constraint Declaration

Constraint Name	: HDR_NIL
Structured Type	: Packet_Header
Derivation Path	:
Comments	:

Constraint Value

```
{
  general_format_id                {
    q_bit                            off,
    d_bit                            off,
    indicator                        reserved
                                   },
  lc_id                            0
}
```

Table 151. ASN.1 Type Constraint Declaration

Constraint Name	: HDR_QD (Q, D, LCIF: INTEGER)
Structured Type	: Packet_Header
Derivation Path	:
Comments	: Q and/or D bit set; basic format

Constraint Value

```
{
  general_format_id                {
    q_bit                            Q,
    d_bit                            D,
    indicator                        GFI_B
                                   },
  lc_id                            LCIF
}
```

Table 152. ASN.1 Type Constraint Declaration

Constraint Name	: HDR_X (LCID: INTEGER)
Structured Type	: Packet_Header
Derivation Path	:
Comments	: Extended sequence numbering

Constraint Value

```
{
  general_format_id                {
    q_bit                            off,
    d_bit                            off,
    indicator                        GFI_X
                                   },
  lc_id                            LCID
}
```

Table 153. ASN.1 Type Constraint Declaration

Constraint Name	: HDR_ZERO
Structured Type	: Packet_Header
Derivation Path	:
Comments	:

Constraint Value

```
{
  general_format_id                {
    q_bit                            off,
    d_bit                            off,
    indicator                        GFI_B
                                   },
  lc_id                            0
}
```

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7.15 ASN.1 ASP constraint declarations

Table 154. ASN.1 ASP Constraint Declaration

Constraint Name	: DLCONNR_0
ASP Type	: DL_CONNECTreq
Derivation Path	:
Comments	:

Constraint Value

```
{
  called_address                    {
     called_addr_bt                   DL_CALLED_ADDR_BT,
     called_addr_def                  DL_CALLED_ADDR_DEF
                                    },
  calling_address                   {
     calling_addr_bt                  DL_CALLING_ADDR_BT,
     calling_addr_def                 DL_CALLING_ADDR_DEF
                                    },
  parameter_set                     {
     dl_dlcnr_ps_bt                   DL_DLCNR_PS_BT,
     dl_dlcnr_ps_def                  DL_DLCNR_PS_DEF
                                    }
}
```

Table 155. ASN.1 ASP Constraint Declaration

Constraint Name	: DLCONNC_1
ASP Type	: DL_CONNECTconf
Derivation Path	:
Comments	:

Constraint Value

```
{
  responding_address                {
     dl_resp_addr_bt                  DL_RESP_ADDR_BT,
     dl_resp_addr_def                 DL_RESP_ADDR_DEF
                                    },
  qos                               {
     dl_qos_bt                        DL_QOS_BT,
     dl_qos_def                       DL_QOS_DEF
                                    },
  parameter_set                     {
     dl_dlcnc_ps_bt                   DL_DLCNC_PS_BT,
     dl_dlcnc_ps_def                  DL_DLCNC_PS_DEF
                                    }
}
```

Table 156. ASN.1 ASP Constraint Declaration

Constraint Name	: DL_DISC_1
ASP Type	: DL_DISCONNECTind
Derivation Path	:
Comments	:

Constraint Value

```
{
  originator                        {
     dl_origin_bt                     DL_ORIGIN__BT,
     dl_origin_def                    DL_ORIGIN_DEF
                                    },
  reason                            {
     dl_reason_bt                     DL_REASON_BT,
     dl_reason_def                    DL_REASON_DEF
                                    }
}
```

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7.16 ASN.1 PDU constraint declarations

Table 157. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_0 (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: TST to IUT Basic Format

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	0,
calling_dte_addr_len	0,
facilities	FAC_ACCTX,
call_user_data	CALL_CON_UD
}	

Table 158. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_0CUG (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: TST to IUT Basic CUG

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	TST_ADDR2_L,
calling_dte_addr_len	IUT_ADDR2_L,
called_dte_addr	TST_ADDR2,
calling_dte_addr	IUT_ADDR2,
facilities	FAC_BCUG
}	

Table 159. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_0D (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: TST to IUT with D - bit set

Constraint Value	
{	
header	HDR_QD (0, 1, LCIF),
packet_type	'0F'H,
called_dte_addr_len	0,
calling_dte_addr_len	0,
facilities	FAC_ACCTX,
call_user_data	CALL_CON_UD
}	

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Table 160. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_0THR (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: TST to IUT Throughput class negotiation

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	TST_ADDR2_L,
calling_dte_addr_len	IUT_ADDR2_L,
called_dte_addr	TST_ADDR2,
calling_dte_addr	IUT_ADDR2,
facilities	FAC_THRUPT
}	

Table 161. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_0U1 (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: TST to IUT 1 octet in UDF

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	TST_ADDR2_L,
calling_dte_addr_len	IUT_ADDR2_L,
called_dte_addr	TST_ADDR2,
calling_dte_addr	IUT_ADDR2,
facilities	FAC_ZERO,
call_user_data	UD1
}	

Table 162. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_0UD (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: TST to IUT

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	TST_ADDR2_L,
calling_dte_addr_len	IUT_ADDR2_L,
called_dte_addr	TST_ADDR2,
calling_dte_addr	IUT_ADDR2,
facilities	FAC_ZERO,
call_user_data	CALL_CON_UD
}	

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Table 163. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_1 (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: IUT to TST

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	TST_ADDR6_L,
calling_dte_addr_len	IUT_ADDR6_L,
called_dte_addr	IUT_ADDR6,
calling_dte_addr	TST_ADDR6,
facilities	FAC_ACCRX,
call_user_data	CALL_ACC_UD
}	

Table 164. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_1A (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	TST_ADDR6_L,
calling_dte_addr_len	IUT_ADDR6_L,
called_dte_addr	IUT_ADDR6,
calling_dte_addr	TST_ADDR6,
facilities	FAC_ZERO
}	

Table 165. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_1AEF (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	*,
calling_dte_addr_len	*,
called_dte_addr	*,
calling_dte_addr	*,
facilities	FAC_AE_A
}	

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Table 166. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_1D (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: IUT to TST any D - bit setting

Constraint Value

```
{
  header                HDR_ANY_D (LCIF),
  packet_type           '0F'H,
  called_dte_addr_len   TST_ADDR6_L,
  calling_dte_addr_len  IUT_ADDR6_L,
  called_dte_addr       IUT_ADDR6,
  calling_dte_addr      TST_ADDR6,
  facilities            FAC_ACCRX,
  call_user_data        CALL_ACC_UD
}
```

Table 167. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_1DTHR (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0F'H,
  called_dte_addr_len   *,
  calling_dte_addr_len  *,
  called_dte_addr       *,
  calling_dte_addr      *,
  facilities            FAC_DEF_THR
}
```

Table 168. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_1M (LCIF : INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: IUT to TST maximum address size

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0F'H,
  called_dte_addr_len   *,
  calling_dte_addr_len  0,
  called_dte_addr       *,
  facilities            FAC_ZERO
}
```

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Table 169. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_1PAC (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: IUT to TST Packet size

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	*,
calling_dte_addr_len	*,
called_dte_addr	*,
calling_dte_addr	*,
facilities	FAC_PACKET
}	

Table 170. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_1THR (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: IUT to TST Throughput class negotiation

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	*,
calling_dte_addr_len	*,
called_dte_addr	*,
calling_dte_addr	*,
facilities	FAC_THRUPT
}	

Table 171. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_1WIN (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: IUT to TST Window size

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	*,
calling_dte_addr_len	*,
called_dte_addr	*,
calling_dte_addr	*,
facilities	FAC_WINDOW
}	

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Table 172. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_OU129 (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: TST to IUT 129 octets in UDF

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	TST_ADDR2_L,
calling_dte_addr_len	IUT_ADDR2_L,
called_dte_addr	TST_ADDR2,
calling_dte_addr	IUT_ADDR2,
facilities	FAC_ZERO,
call_user_data	UD129
}	

Table 173. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_X (LCIF: INTEGER)
PDU Type	: Accept
Derivation Path	:
Comments	: extended sequence number

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0F'H,
called_dte_addr_len	TST_ADDR6_L,
calling_dte_addr_len	IUT_ADDR6_L,
called_dte_addr	IUT_ADDR6,
calling_dte_addr	TST_ADDR6,
facilities	FAC_ZERO
}	

Table 174. ASN.1 PDU Constraint Declaration

Constraint Name	: ANSR_ZERO
PDU Type	: Accept
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_ZERO
packet_type	'0F'H,
called_dte_addr_len	0,
calling_dte_addr_len	0,
facilities	FAC_ZERO
}	

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Table 175. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_0 (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Call Request

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_CALLTX,
user_data	CALL_IND_UD
}	

Table 176. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_0CUG (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Basic CUG

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_BCUG,
user_data	CALL_IND_UD
}	

Table 177. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_0D (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT D - bit set

Constraint Value	
{	
header	HDR_QD (0, 1, LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_CALLTX,
user_data	CALL_IND_UD
}	

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Table 178. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_0DTHR (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Default Throughput

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR1_L,
  calling_dte_addr_len  TST_ADDR1_L,
  called_dte_addr       IUT_ADDR1,
  calling_dte_addr      TST_ADDR1,
  facilities            FAC_DEF_THR,
  user_data             CALL_IND_UD
}
```

Table 179. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_0FST (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT fast select no restriction

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR1_L,
  calling_dte_addr_len  TST_ADDR1_L,
  called_dte_addr       IUT_ADDR1,
  calling_dte_addr      TST_ADDR1,
  facilities            FAC_FST_SEL,
  user_data             CALL_IND_UD
}
```

Table 180. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_0FSTR (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT fast select with restriction

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR1_L,
  calling_dte_addr_len  TST_ADDR1_L,
  called_dte_addr       IUT_ADDR1,
  calling_dte_addr      TST_ADDR1,
  facilities            FAC_FST_SELR,
  user_data             CALL_IND_UD
}
```

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Table 181. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_1
PDU Type	: Call
Derivation Path	:
Comments	: IUT to TST Call Request

Constraint Value

```
{
  header                HDR_G_ANY,
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR5_L,
  calling_dte_addr_len  TST_ADDR5_L,
  called_dte_addr       TST_ADDR5,
  calling_dte_addr      IUT_ADDR5,
  facilities            FAC_CALLRX,
  user_data             CALL_REQ_UD
}
```

Table 182. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_1CUG
PDU Type	: Call
Derivation Path	:
Comments	: IUT to TST CUG Selection

Constraint Value

```
{
  header                HDR_G_ANY,
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR5_L,
  calling_dte_addr_len  TST_ADDR5_L,
  called_dte_addr       TST_ADDR5,
  calling_dte_addr      IUT_ADDR5,
  facilities            FAC_BCUG,
  user_data             CALL_REQ_UD
}
```

Table 183. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_1DTHR
PDU Type	: Call
Derivation Path	:
Comments	: IUT to TST Default Throughput

Constraint Value

```
{
  header                HDR_G_ANY,
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR5_L,
  calling_dte_addr_len  TST_ADDR5_L,
  called_dte_addr       TST_ADDR5,
  calling_dte_addr      IUT_ADDR5,
  facilities            FAC_DEF_THR,
  user_data             CALL_REQ_UD
}
```

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Table 184. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_1FST
PDU Type	: Call
Derivation Path	:
Comments	: IUT to TST fast select no restriction

Constraint Value	
{	
header	HDR_G_ANY,
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR5_L,
calling_dte_addr_len	TST_ADDR5_L,
called_dte_addr	TST_ADDR5,
calling_dte_addr	IUT_ADDR5,
facilities	FAC_FST_SEL,
user_data	CALL_REQ_UD
}	

Table 185. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_1FSTR
PDU Type	: Call
Derivation Path	:
Comments	: IUT to TST fast select with restriction

Constraint Value	
{	
header	HDR_G_ANY,
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR5_L,
calling_dte_addr_len	TST_ADDR5_L,
called_dte_addr	TST_ADDR5,
calling_dte_addr	IUT_ADDR5,
facilities	FAC_FST_SELR,
user_data	CALL_REQ_UD
}	

Table 186. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_AEF (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Address Extension

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_AF_L,
calling_dte_addr_len	TST_AF_L,
called_dte_addr	IUT_AF,
calling_dte_addr	TST_AF,
facilities	FAC_AE,
user_data	CALL_IND_UD
}	

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Table 187. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_BICUG (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Bilateral CUG

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR1_L,
  calling_dte_addr_len  TST_ADDR1_L,
  called_dte_addr       IUT_ADDR1,
  calling_dte_addr      TST_ADDR1,
  facilities            FAC_BICUG,
  user_data             CALL_IND_UD
}
```

Table 188. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_DINV (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Called Address Invalid

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR_INVL,
  calling_dte_addr_len  TST_ADDR1_L,
  called_dte_addr       IUT_ADDR_INV,
  calling_dte_addr      TST_ADDR1,
  facilities            FAC_CALLTX,
  user_data             CALL_IND_UD
}
```

Table 189. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_DUR (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Duration

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR1_L,
  calling_dte_addr_len  TST_ADDR1_L,
  called_dte_addr       IUT_ADDR1,
  calling_dte_addr      TST_ADDR1,
  facilities            FAC_DURATN
}
```

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Table 190. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_DWIN (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Default Window Size

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR1_L,
  calling_dte_addr_len  TST_ADDR1_L,
  called_dte_addr       IUT_ADDR1,
  calling_dte_addr      TST_ADDR1,
  facilities            FAC_DEF_WIN,
  user_data             CALL_IND_UD
}
```

Table 191. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_ECUG (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Extended CUG

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR1_L,
  calling_dte_addr_len  TST_ADDR1_L,
  called_dte_addr       IUT_ADDR1,
  calling_dte_addr      TST_ADDR1,
  facilities            FAC_ECUG,
  user_data             CALL_IND_UD
}
```

Table 192. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_F0 (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT missing facilities

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR5_L,
  calling_dte_addr_len  TST_ADDR5_L,
  called_dte_addr       IUT_ADDR5,
  calling_dte_addr      TST_ADDR5,
  facilities            FAC_EMPTY
}
```

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Table 193. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_F110 (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT long facilities

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR1_L,
  calling_dte_addr_len  TST_ADDR1_L,
  called_dte_addr       IUT_ADDR1,
  calling_dte_addr      TST_ADDR1,
  facilities            FAC_LNG_110
}
```

Table 194. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_FCB (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT bad facility code

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR5_L,
  calling_dte_addr_len  TST_ADDR5_L,
  called_dte_addr       IUT_ADDR5,
  calling_dte_addr      TST_ADDR5,
  facilities            FAC_CODE_BAD
}
```

Table 195. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_FNA (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT facility parameter not allowed

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR1_L,
  calling_dte_addr_len  TST_ADDR1_L,
  called_dte_addr       IUT_ADDR1,
  calling_dte_addr      TST_ADDR1,
  facilities            FAC_NOT_ALL
}
```

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Table 196. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_FSH (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT short facilities

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR1_L,
  calling_dte_addr_len  TST_ADDR1_L,
  called_dte_addr       IUT_ADDR1,
  calling_dte_addr      TST_ADDR1,
  facilities            FAC_SHORT
}
```

Table 197. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_GINV (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Calling Address

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR1_L,
  calling_dte_addr_len  TST_ADDR_INVL,
  called_dte_addr       IUT_ADDR1,
  calling_dte_addr      TST_ADDR_INV,
  facilities            FAC_CALLTX,
  user_data             CALL_IND_UD
}
```

Table 198. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_M (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Maximum address size

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '0B'H,
  called_dte_addr_len   IUT_ADDR_MAXL,
  calling_dte_addr_len  0,
  called_dte_addr       IUT_ADDR_MAX,
  facilities            FAC_CALLTX,
  user_data             CALL_IND_UD
}
```

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Table 199. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_NUI (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Network User Identification

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_NUI
}	

Table 200. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_PSZD (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Default PKT Size (128)

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_DPKT_SIZ,
user_data	CALL_IND_UD
}	

Table 201. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_PSZM (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Maximum PKT Size

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_MPKT_SIZ
}	

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Table 202. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_RC (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT fast select reverse charging

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_FST_SELA,
user_data	CALL_IND_UD
}	

Table 203. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_SHT (LCIF: INTEGER)
PDU Type	: Unformatted_Packet_Error_Type
Derivation Path	:
Comments	: TST to IUT short call PKT

Constraint Value	
{	
pdu	HDR_G (LCIF),
error	'0B'H
}	

Table 204. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_THR (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Throughput class negotiation

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_THRUPT,
user_data	CALL_IND_UD
}	

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Table 205. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_TRD (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Transit Delay

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_TRDDELAY,
user_data	CALL_IND_UD
}	

Table 206. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_U129 (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT 129 octets in UDF

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_FST_SEL,
user_data	UD129
}	

Table 207. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_U17 (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT 17 octets in UDF

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_ZERO,
user_data	UD17
}	

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Table 208. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_X (LCIF: INTEGER)
PDU Type	: Call
Derivation Path	:
Comments	: TST to IUT Extended Sequence Number

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_CALLTX,
user_data	CALL_IND_UD
}	

Table 209. ASN.1 PDU Constraint Declaration

Constraint Name	: CALL_ZERO
PDU Type	: Call
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_ZERO,
packet_type	'0B'H,
called_dte_addr_len	IUT_ADDR1_L,
calling_dte_addr_len	TST_ADDR1_L,
called_dte_addr	IUT_ADDR1,
calling_dte_addr	TST_ADDR1,
facilities	FAC_ZERO
}	

Table 210. ASN.1 PDU Constraint Declaration

Constraint Name	: CLRC_0 (LCIF: INTEGER)
PDU Type	: Clear_Confirmation
Derivation Path	:
Comments	: TST to IUT

Constraint Value	
{	
header	HDR_G (LCIF)
packet_type	'17'H,
}	

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Table 211. ASN.1 PDU Constraint Declaration

Constraint Name	: CLRC_1 (LCIF: INTEGER)
PDU Type	: Clear_Confirmation
Derivation Path	:
Comments	: IUT to TST

Constraint Value

```
{
  header                    HDR_G (LCIF),
  packet_type               '17'H,
  extended                  {
    called_dte_addr_len       *,
    calling_dte_addr_len      *,
    called_dte_addr           *,
    calling_dte_addr          *,
  facilities                FAC_ZERO
                            }
}
```

Table 212. ASN.1 PDU Constraint Declaration

Constraint Name	: CLRC_R (LCIF : INTEGER)
PDU Type	: Clear_Confirmation
Derivation Path	:
Comments	: TST to IUT Reverse Charging

Constraint Value

```
{
  header                    HDR_G (LCIF),
  packet_type               '17'H,
  extended                  {
    called_dte_addr_len       0,
    calling_dte_addr_len      0,
    facilities                FAC_FST_SELA
                            }
}
```

Table 213. ASN.1 PDU Constraint Declaration

Constraint Name	: CLRC_U1 (LCIF: INTEGER)
PDU Type	: Clear_Confirmation_Error
Derivation Path	:
Comments	: PIXIT 2.19a

Constraint Value

```
{
  pdu                       {
    header                    HDR_G (LCIF)
    packet_type               '17'H,
                            },
  error                     UD1
}
```

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Table 214. ASN.1 PDU Constraint Declaration

Constraint Name	: CLRC_U110 (LCIF : INTEGER)
PDU Type	: Clear_Confirmation_Error
Derivation Path	:
Comments	: PIXIT 2.19f

Constraint Value

```
{
  pdu                                   {
    header                                HDR_G (LCIF),
    packet_type                           '17'H,
    extended                              {
      called_dte_addr_len                   0,
      calling_dte_addr_len                  0,
      facilities                            FAC_ZERO
                                          }
                                        },
  error                                 UD110
}
```

Table 215. ASN.1 PDU Constraint Declaration

Constraint Name	: CLRC_ZERO
PDU Type	: Clear_Confirmation
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           '17'H
}
```

Table 216. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_0 (LCIF : INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	: TST to IUT basic

Constraint Value

```
{
  header                                HDR_G (LCIF),
  packet_type                           '13'H,
  clearing_cause
    dte_initiated                         standard_diagnostic,
  diagnostic_code                       0,
  extended                              {
    called_dte_addr_len                   0,
    calling_dte_addr_len                  0,
    facilities                            FAC_CLRTX,
    clear_user_data                       CLR_REQ_UD
                                        }
}
```

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Table 217. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_1 (LCIF: INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	: IUT to TST

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'13'H,
clearing_cause	?,
diagnostic_code	*,
extended	{
called_dte_addr_len	*,
calling_dte_addr_len	*,
called_dte_addr	*,
calling_dte_addr	*,
facilities	*,
clear_user_data	*
	}
}	

Table 218. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_C01 (LCIF: INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	: IUT to TST

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'13'H,
clearing_cause	
network_initiated	{
network	public_data_network,
cause	number_busy
	}
diagnostic_code	0
}	

Table 219. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_C05 (LCIF: INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'13'H,
clearing_cause	
network_initiated	{
network	public_data_network,
cause	network_congestion
	}
diagnostic_code	0
}	

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Table 220. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_C11 (LCIF: INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                          HDR_G (LCIF),
  packet_type                     '13'H,
  clearing_cause
    network_initiated              {
      network                       public_data_network,
      cause                         remote_procedure_error
                                   }
  diagnostic_code                 0
}
```

Table 221. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_C13 (LCIF: INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                          HDR_G (LCIF),
  packet_type                     '13'H,
  clearing_cause
    network_initiated              {
      network                       public_data_network,
      cause                         local_procedure_error
                                   }
  diagnostic_code                 0
}
```

Table 222. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_C21 (LCIF: INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                          HDR_G (LCIF),
  packet_type                     '13'H,
  clearing_cause
    network_initiated              {
      network                       public_data_network,
      cause                         incompatible_destination
                                   }
  diagnostic_code                 0
}
```

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Table 223. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_CHRG (LCIF : INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	: TST to IUT charging information

Constraint Value

```
{
  header                          HDR_G (LCIF),
  packet_type                     '13'H,
  clearing_cause
    dte_initiated                   standard_diagnostic,
  diagnostic_code                 0,
  extended                        {
    called_dte_addr_len             0,
    calling_dte_addr_len            0,
    facilities                      FAC_DURATN
                                    }
}
```

Table 224. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_DWIN (LCIF : INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	: TST to IUT default window size

Constraint Value

```
{
  header                          HDR_G (LCIF),
  packet_type                     '13'H,
  clearing_cause
    dte_initiated                   standard_diagnostic,
  diagnostic_code                 0,
  extended                        {
    called_dte_addr_len             0,
    calling_dte_addr_len            0,
    facilities                      FAC_DEF_WIN
                                    }
}
```

Table 225. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_FCB (LCIF : INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	: TST to IUT facility code bad

Constraint Value

```
{
  header                          HDR_G (LCIF),
  packet_type                     '13'H,
  clearing_cause
    dte_initiated                   standard_diagnostic,
  diagnostic_code                 0,
  extended                        {
    called_dte_addr_len             0,
    calling_dte_addr_len            0,
    facilities                      FAC_CODE_BAD
                                    }
}
```

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Table 226. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_LNG (LCIF : INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	: TST to IUT long clear

Constraint Value

```
{
  header                          HDR_G (LCIF),
  packet_type                     '13'H,
  clearing_cause
    dte_initiated                   standard_diagnostic,
  diagnostic_code                 0,
  extended                        {
    called_dte_addr_len             0,
    calling_dte_addr_len            0,
    facilities                      FAC_ZERO,
    clear_user_data                 UD129
                                    }
}
```

Table 227. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_SHT (LCIF : INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	: TST to IUT short clear

Constraint Value

```
{
  header                          HDR_G (LCIF),
  packet_type                     '13'H,
  clearing_cause
    dte_initiated                   standard_diagnostic,
  diagnostic_code                 0
}
```

Table 228. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_U0 (LCIF : INTEGER)
PDU Type	: Clear
Derivation Path	:
Comments	: TST to IUT user data

Constraint Value

```
{
  header                          HDR_G (LCIF),
  packet_type                     '13'H,
  clearing_cause
    dte_initiated                   standard_diagnostic,
  diagnostic_code                 0,
  extended                        {
    called_dte_addr_len             0,
    calling_dte_addr_len            0,
    facilities                      FAC_CLRTX,
    clear_user_data                 CLR_REQ_UD
                                    }
}
```

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Table 229. ASN.1 PDU Constraint Declaration

Constraint Name	: CLR_ZERO
PDU Type	: Clear
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     '13'H,
  clearing_cause
    dte_initiated                   standard_diagnostic,
  diagnostic_code                 0
}
```

Table 230. ASN.1 PDU Constraint Declaration

Constraint Name	: DAT_1 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: IUT to TST

Constraint Value

```
{
  header                          HDR_G (LCIF),
  flow_control_info
    modulo_8                        {
      p_r                             0,
      m_bit                           ?,
      p_s                             0,
      bit_1                           '0'B
                                    },
  user_data                       ?
}
```

Table 231. ASN.1 PDU Constraint Declaration

Constraint Name	: DAT_1A (LCIF, P_S: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: IUT to TST

Constraint Value

```
{
  header                          HDR_ANY_QD (LCIF),
  flow_control_info
    modulo_8                        {
      p_r                             ?,
      m_bit                           ?,
      p_s                             P_S,
      bit_1                           '0'B
                                    },
  user_data                       ?
}
```

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Table 232. ASN.1 PDU Constraint Declaration

Constraint Name	: DAT_ZER0
PDU Type	: Data
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                          HDR_ZERO,
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          off,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UD_U
}
```

Table 233. ASN.1 PDU Constraint Declaration

Constraint Name	: DE0 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.16a.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDE_0, D_UDE_0, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDE_0,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDE0
}
```

Table 234. ASN.1 PDU Constraint Declaration

Constraint Name	: DE1 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.16b.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDE_1, D_UDE_1, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDE_1,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDE1
}
```

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Table 235. ASN.1 PDU Constraint Declaration

Constraint Name	: DE2 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.16c.d

Constraint Value	
{	
header	HDR_QD (Q_UDE_2, D_UDE_2, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDE_2,
p_s	0,
bit_1	'0'B
	},
user_data	UDE2
}	

Table 236. ASN.1 PDU Constraint Declaration

Constraint Name	: DE3 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.16d.d

Constraint Value	
{	
header	HDR_QD (Q_UDE_3, D_UDE_3, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDE_3,
p_s	0,
bit_1	'0'B
	},
user_data	UDE3
}	

Table 237. ASN.1 PDU Constraint Declaration

Constraint Name	: DE4 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.16e.d

Constraint Value	
{	
header	HDR_QD (Q_UDE_4, D_UDE_4, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDE_4,
p_s	0,
bit_1	'0'B
	},
user_data	UDE4
}	

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Table 238. ASN.1 PDU Constraint Declaration

Constraint Name	: DE5 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.16f.d

Constraint Value	
{	
header	HDR_QD (Q_UDE_5, D_UDE_5, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDE_5,
p_s	0,
bit_1	'0'B
	},
user_data	UDE5
}	

Table 239. ASN.1 PDU Constraint Declaration

Constraint Name	: DE6 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.16g.d

Constraint Value	
{	
header	HDR_QD (Q_UDE_6, D_UDE_6, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDE_6,
p_s	0,
bit_1	'0'B
	},
user_data	UDE6
}	

Table 240. ASN.1 PDU Constraint Declaration

Constraint Name	: DE7 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.16h.d

Constraint Value	
{	
header	HDR_QD (Q_UDE_7, D_UDE_7, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDE_7,
p_s	0,
bit_1	'0'B
	},
user_data	UDE7
}	

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Table 241. ASN.1 PDU Constraint Declaration

Constraint Name	: DE8 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.16i.d

Constraint Value	
{	
header	HDR_QD (Q_UDE_8, D_UDE_8, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDE_8,
p_s	0,
bit_1	'0'B
	},
user_data	UDE8
}	

Table 242. ASN.1 PDU Constraint Declaration

Constraint Name	: DGN_0 (LCIF: INTEGER)
PDU Type	: Diagnostic
Derivation Path	:
Comments	: TST to IUT

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'F1'H,
diagnostic_code	0
}	

Table 243. ASN.1 PDU Constraint Declaration

Constraint Name	: DGN_1 (LCIF: INTEGER)
PDU Type	: Diagnostic
Derivation Path	:
Comments	: IUT to TST

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'F1'H,
diagnostic_code	0
}	

Table 244. ASN.1 PDU Constraint Declaration

Constraint Name	: DGN_L
PDU Type	: Diagnostic
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_ZERO,
packet_type	'F1'H,
diagnostic_code	0,
diagnostic_explanation	UD4
}	

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Table 245. ASN.1 PDU Constraint Declaration

Constraint Name	: DGN_SHT
PDU Type	: Diagnostic
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                HDR_ZERO,
  packet_type           'F1'H,
  diagnostic_code       0
}
```

Table 246. ASN.1 PDU Constraint Declaration

Constraint Name	: DGN_ZERO
PDU Type	: Diagnostic
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                HDR_ZERO,
  packet_type           'F1'H,
  diagnostic_code       0
}
```

Table 247. ASN.1 PDU Constraint Declaration

Constraint Name	: DM_0 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.17a.d

Constraint Value

```
{
  header                HDR_QD (Q_UDM_0, D_UDM_0, LCIF),
  flow_control_info
    modulo_8
      {
      p_r                 0,
      m_bit               M_UDM_0,
      p_s                 0,
      bit_1               '0'B
      },
  user_data             UDM0
}
```

Table 248. ASN.1 PDU Constraint Declaration

Constraint Name	: DM_1 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.17b.d

Constraint Value

```
{
  header                HDR_QD (Q_UDM_1, D_UDM_1, LCIF),
  flow_control_info
    modulo_8
      {
      p_r                 0,
      m_bit               M_UDM_1,
      p_s                 0,
      bit_1               '0'B
      },
  user_data             UDM1
}
```

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Table 249. ASN.1 PDU Constraint Declaration

Constraint Name	: DM_2 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.17c.d

Constraint Value	
{	
header	HDR_QD (Q_UDM_2, D_UDM_2, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDM_2,
p_s	0,
bit_1	'0'B
	},
user_data	UDM2
}	

Table 250. ASN.1 PDU Constraint Declaration

Constraint Name	: DM_3 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.17d.d

Constraint Value	
{	
header	HDR_QD (Q_UDM_3, D_UDM_3, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDM_3,
p_s	0,
bit_1	'0'B
	},
user_data	UDM3
}	

Table 251. ASN.1 PDU Constraint Declaration

Constraint Name	: DM_4 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.17e.d

Constraint Value	
{	
header	HDR_QD (Q_UDM_4, D_UDM_4, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDM_4,
p_s	0,
bit_1	'0'B
	},
user_data	UDM4
}	

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Table 252. ASN.1 PDU Constraint Declaration

Constraint Name	: DM_5 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.17f.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDM_5, D_UDM_5, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDM_5,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDM5
}
```

Table 253. ASN.1 PDU Constraint Declaration

Constraint Name	: DM_6 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.17g.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDM_6, D_UDM_6, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDM_6,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDM6
}
```

Table 254. ASN.1 PDU Constraint Declaration

Constraint Name	: DM_7 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.17h.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDM_7, D_UDM_7, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDM_7,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDM7
}
```

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Table 255. ASN.1 PDU Constraint Declaration

Constraint Name	: DM_8 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.17i.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDM_8, D_UDM_8, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDM_8,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDM8
}
```

Table 256. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_0 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.14a.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDQ_0, D_UDQ_0, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDQ_0,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDQ0
}
```

Table 257. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_0A (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.15a.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDQA_0, D_UDQA_0, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDQA_0,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDQ0A
}
```

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Table 258. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_1 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.14b.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDQ_1, D_UDQ_1, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDQ_1,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDQ1
}
```

Table 259. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_1A (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.15b.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDQA_1, D_UDQA_1, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDQA_1,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDQ1A
}
```

Table 260. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_2 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.14c.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDQ_2, D_UDQ_2, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDQ_2,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDQ2
}
```

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Table 261. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_2A (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.15c.d

Constraint Value	
{	
header	HDR_QD (Q_UDQA_2, D_UDQA_2, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDQA_2,
p_s	0,
bit_1	'0'B
	},
user_data	UDQ2A
}	

Table 262. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_3 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.14d.d

Constraint Value	
{	
header	HDR_QD (Q_UDQ_3, D_UDQ_3, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDQ_3,
p_s	0,
bit_1	'0'B
	},
user_data	UDQ3
}	

Table 263. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_3A (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.15d.d

Constraint Value	
{	
header	HDR_QD (Q_UDQA_3, D_UDQA_3, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDQA_3,
p_s	0,
bit_1	'0'B
	},
user_data	UDQ3A
}	

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Table 264. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_4 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.14e.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDQ_4, D_UDQ_4, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDQ_4,
      p_s                            0,
      bit_1                          '0'B
                                     },
  user_data                       UDQ4
}
```

Table 265. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_4A (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.15e.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDQA_4, D_UDQA_4, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDQA_4,
      p_s                            0,
      bit_1                          '0'B
                                     },
  user_data                       UDQ4A
}
```

Table 266. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_5 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.14f.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDQ_5, D_UDQ_5, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDQ_5,
      p_s                            0,
      bit_1                          '0'B
                                     },
  user_data                       UDQ5
}
```

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Table 267. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_5A (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.15f.d

Constraint Value	
{	
header	HDR_QD (Q_UDQA_5, D_UDQA_5, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDQA_5,
p_s	0,
bit_1	'0'B
	},
user_data	UDQ5A
}	

Table 268. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_6 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.14g.d

Constraint Value	
{	
header	HDR_QD (Q_UDQ_6, D_UDQ_6, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDQ_6,
p_s	0,
bit_1	'0'B
	},
user_data	UDQ6
}	

Table 269. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_6A (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.15g.d

Constraint Value	
{	
header	HDR_QD (Q_UDQA_6, D_UDQA_6, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDQA_6,
p_s	0,
bit_1	'0'B
	},
user_data	UDQ6A
}	

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Table 270. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_7 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.14h.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDQ_7, D_UDQ_7, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDQ_7,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDQ7
}
```

Table 271. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_7A (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.15h.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDQA_7, D_UDQA_7, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDQA_7,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDQ7A
}
```

Table 272. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_8 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.14h.d

Constraint Value

```
{
  header                          HDR_QD (Q_UDQ_8, D_UDQ_8, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDQ_8,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDQ8
}
```

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Table 273. ASN.1 PDU Constraint Declaration

Constraint Name	: DQ_8A (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.15i.d

Constraint Value	
{	
header	HDR_QD (Q_UDQA_8, D_UDQA_8, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UDQA_8,
p_s	0,
bit_1	'0'B
	},
user_data	UDQ8A
}	

Table 274. ASN.1 PDU Constraint Declaration

Constraint Name	: D_0 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13a.d

Constraint Value	
{	
header	HDR_QD (Q_UD_0, D_UD_0, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UD_0,
p_s	0,
bit_1	'0'B
	},
user_data	UD_0
}	

Table 275. ASN.1 PDU Constraint Declaration

Constraint Name	: D_1 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13b.d

Constraint Value	
{	
header	HDR_QD (Q_UD_1, D_UD_1, LCIF),
flow_control_info	
modulo_8	{
p_r	0,
m_bit	M_UD_1,
p_s	0,
bit_1	'0'B
	},
user_data	UD_1
}	

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Table 276. ASN.1 PDU Constraint Declaration

Constraint Name	: D_2 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13c.d

Constraint Value

```
{
  header                          HDR_QD (Q_UD_2, D_UD_2, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UD_2,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UD_2
}
```

Table 277. ASN.1 PDU Constraint Declaration

Constraint Name	: D_3 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13d.d

Constraint Value

```
{
  header                          HDR_QD (Q_UD_3, D_UD_3, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UD_3,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UD_3
}
```

Table 278. ASN.1 PDU Constraint Declaration

Constraint Name	: D_4 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13e.d

Constraint Value

```
{
  header                          HDR_QD (Q_UD_4, D_UD_4, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UD_4,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UD_4
}
```

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Table 279. ASN.1 PDU Constraint Declaration

Constraint Name	: D_5 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13f.d

Constraint Value

```
{
  header                          HDR_QD (Q_UD_5, D_UD_5, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UD_5,
      p_s                            0,
      bit_1                          '0'B
                                     },
  user_data                       UD_5
}
```

Table 280. ASN.1 PDU Constraint Declaration

Constraint Name	: D_6 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13g.d

Constraint Value

```
{
  header                          HDR_QD (Q_UD_6, D_UD_6, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UD_6,
      p_s                            0,
      bit_1                          '0'B
                                     },
  user_data                       UD_6
}
```

Table 281. ASN.1 PDU Constraint Declaration

Constraint Name	: D_7 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13h.d

Constraint Value

```
{
  header                          HDR_QD (Q_UD_7, D_UD_7, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UD_7,
      p_s                            0,
      bit_1                          '0'B
                                     },
  user_data                       UD_7
}
```

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Table 282. ASN.1 PDU Constraint Declaration

Constraint Name	: D_8 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13i.d

Constraint Value

```
{
  header                          HDR_QD (Q_UD_8, D_UD_8, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UD_8,
      p_s                            0,
      bit_1                          '0'B
                                     },
  user_data                       UD_8
}
```

Table 283. ASN.1 PDU Constraint Declaration

Constraint Name	: D_DBIT (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13j.d

Constraint Value

```
{
  header                          HDR_QD (0, 1, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          off,
      p_s                            0,
      bit_1                          '0'B
                                     },
  user_data                       UD_U
}
```

Table 284. ASN.1 PDU Constraint Declaration

Constraint Name	: D_EMPTY (LCIF, P_S, P_R: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: TST to IUT no data

Constraint Value

```
{
  header                          HDR_G (LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            P_R,
      m_bit                          off,
      p_s                            P_S,
      bit_1                          '0'B
                                     }
}
```

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Table 285. ASN.1 PDU Constraint Declaration

Constraint Name	: D_L (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: 2.13k

Constraint Value

```
{
  header                          HDR_G (LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          off,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UD_U_UD1
}
```

Table 286. ASN.1 PDU Constraint Declaration

Constraint Name	: D_M4 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.18d

Constraint Value

```
{
  header                          HDR_QD (Q_UDMP, D_UDMP, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          M_UDMP,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UDMP
}
```

Table 287. ASN.1 PDU Constraint Declaration

Constraint Name	: D_ML (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: 2.13j.d

Constraint Value

```
{
  header                          HDR_G (LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          on,
      p_s                            0,
      bit_1                          '0'B
                                   },
  user_data                       UD_U_UD1
}
```

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Table 288. ASN.1 PDU Constraint Declaration

Constraint Name	: D_NSSZ (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.19i

Constraint Value

```
{
  header                          HDR_G (LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          off,
      p_s                            0,
      bit_1                          '0'B
                                     },
  user_data                       UDNS
}
```

Table 289. ASN.1 PDU Constraint Declaration

Constraint Name	: D_ONE (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: 2.13j.d

Constraint Value

```
{
  header                          HDR_QD (Q_UD_U, D_UD_U, LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            0,
      m_bit                          off,
      p_s                            0,
      bit_1                          '0'B
                                     },
  user_data                       UD_U
}
```

Table 290. ASN.1 PDU Constraint Declaration

Constraint Name	: D_PR7 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13

Constraint Value

```
{
  header                          HDR_G (LCIF),
  flow_control_info
    modulo_8                       {
      p_r                            7,
      m_bit                          off,
      p_s                            0,
      bit_1                          '0'B
                                     },
  user_data                       UD_U
}
```

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Table 291. ASN.1 PDU Constraint Declaration

Constraint Name	: D_PS7 (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13

Constraint Value

```
{
  header                    HDR_G (LCIF),
  flow_control_info
    modulo_8                {
      p_r                     0,
      m_bit                   off,
      p_s                     7,
      bit_1                   '0'B
                              },
  user_data                 UD_U
}
```

Table 292. ASN.1 PDU Constraint Declaration

Constraint Name	: D_U (LCIF: INTEGER)
PDU Type	: Data
Derivation Path	:
Comments	: PIXIT 2.13j.d

Constraint Value

```
{
  header                    HDR_QD (Q_UD_U, D_UD_U, LCIF),
  flow_control_info
    modulo_8                {
      p_r                     0,
      m_bit                   M_UD_U,
      p_s                     0,
      bit_1                   '0'B
                              },
  user_data                 UD_U
}
```

Table 293. ASN.1 PDU Constraint Declaration

Constraint Name	: ERR_A
PDU Type	: Unformatted_Packet_Type
Derivation Path	:
Comments	: only GFI and LCGN present

Constraint Value

'00'H

Table 294. ASN.1 PDU Constraint Declaration

Constraint Name	: ERR_B (LCIF: INTEGER)
PDU Type	: Unformatted_Packet_Error_Type
Derivation Path	:
Comments	: undefined PTI on LCI

Constraint Value

```
{
  pdu                       HDR_G (LCIF),
  error                     '0D'H
}
```

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Table 295. ASN.1 PDU Constraint Declaration

Constraint Name	: ERR_SHT (LCIF: INTEGER)
PDU Type	: Unformatted_Packet_Error_Type
Derivation Path	:
Comments	: short packet, no PTI

Constraint Value

```
{
  pdu                    HDR_G (LCIF)
}
```

Table 296. ASN.1 PDU Constraint Declaration

Constraint Name	: ERR_ZERO
PDU Type	: Unformatted_Packet_Error_Type
Derivation Path	:
Comments	: undefined PTI LCI 0

Constraint Value

```
{
  pdu                    HDR_ZERO,
  error                  '0D'H
}
```

Table 297. ASN.1 PDU Constraint Declaration

Constraint Name	: INTC_0 (LCIF: INTEGER)
PDU Type	: Interrupt_Confirmation
Derivation Path	:
Comments	: TST to IUT Interrupt Confirmation

Constraint Value

```
{
  header                 HDR_G (LCIF),
  packet_type            '27'H
}
```

Table 298. ASN.1 PDU Constraint Declaration

Constraint Name	: INTC_1 (LCIF: INTEGER)
PDU Type	: Interrupt_Confirmation
Derivation Path	:
Comments	: IUT to TST Interrupt Confirmation

Constraint Value

```
{
  header                 HDR_G (LCIF),
  packet_type            '27'H
}
```

Table 299. ASN.1 PDU Constraint Declaration

Constraint Name	: INTC_L (LCIF: INTEGER)
PDU Type	: Interrupt_Confirmation_Error
Derivation Path	:
Comments	:

Constraint Value

```
{
  pdu                    HDR_G (LCIF),
  packet_type            '27'H,
  error                  UD1
}
```

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Table 300. ASN.1 PDU Constraint Declaration

Constraint Name	: INTC_ZERO
PDU Type	: Interrupt_Confirmation
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                HDR_ZERO,
  packet_type           '27'H
}
```

Table 301. ASN.1 PDU Constraint Declaration

Constraint Name	: INT_0 (LCIF: INTEGER)
PDU Type	: Interrupt
Derivation Path	:
Comments	: TST to IUT PIXIT 2.20b

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '23'H,
  user_data             UD_I_TST
}
```

Table 302. ASN.1 PDU Constraint Declaration

Constraint Name	: INT_1 (LCIF: INTEGER)
PDU Type	: Interrupt
Derivation Path	:
Comments	: IUT to TST PIXIT 2.20a

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '23'H,
  user_data             UD_I_IUT
}
```

Table 303. ASN.1 PDU Constraint Declaration

Constraint Name	: INT_L1 (LCIF: INTEGER)
PDU Type	: Interrupt
Derivation Path	:
Comments	: Long Interrupt CCITT 1980

Constraint Value

```
{
  header                HDR_G (LCIF),
  packet_type           '23'H,
  user_data             UD2
}
```

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Table 304. ASN.1 PDU Constraint Declaration

Constraint Name	: INT_L32 (LCIF: INTEGER)
PDU Type	: Interrupt
Derivation Path	:
Comments	: Long Interrupt ISO/CCITT 1984

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'23'H,
user_data	UD33
}	

Table 305. ASN.1 PDU Constraint Declaration

Constraint Name	: INT_SHT (LCIF: INTEGER)
PDU Type	: Interrupt
Derivation Path	:
Comments	: Short Interrupt

Constraint Value	
{	
header	HDR_G (LCIF)
packet_type	'23'H
}	

Table 306. ASN.1 PDU Constraint Declaration

Constraint Name	: INT_ZERO
PDU Type	: Interrupt
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_ZERO,
packet_type	'23'H,
user_data	'00'H
}	

Table 307. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: TST to IUT

Constraint Value	
{	
header	HDR_ZERO,
packet_type	'F7'H,
cause	registration_cancellation_confirmed,
diagnostic_code	0,
dte_addr_len	0,
dxe_addr_len	0,
registration	{
reg_len	0
	}
}	

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Table 308. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0CH
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Charging Information

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F7'H,
  cause                                 registration_cancellation_confirmed,
  diagnostic_code                       0,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      avail_faci                            {
        reg_code                              '46'H,
        availability_of_facilities            '0001000000000000'B
                                            }
                                          }
                                        }
}
```

Table 309. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0D
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: D - bit modification

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F7'H,
  cause                                 registration_cancellation_confirmed,
  diagnostic_code                       0,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      avail_faci                            {
        reg_code                              '46'H,
        availability_of_facilities            '0000010000000000'B
                                            }
                                          }
                                        }
}
```

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Table 304. ASN.1 PDU Constraint Declaration

Constraint Name	: INT_L32 (LCIF: INTEGER)
PDU Type	: Interrupt
Derivation Path	:
Comments	: Long Interrupt ISO/CCITT 1984

Constraint Value

```
{
  header                    HDR_G (LCIF),
  packet_type               '23'H,
  user_data                 UD33
}
```

Table 305. ASN.1 PDU Constraint Declaration

Constraint Name	: INT_SHT (LCIF: INTEGER)
PDU Type	: Interrupt
Derivation Path	:
Comments	: Short Interrupt

Constraint Value

```
{
  header                    HDR_G (LCIF)
  packet_type               '23'H
}
```

Table 306. ASN.1 PDU Constraint Declaration

Constraint Name	: INT_ZERO
PDU Type	: Interrupt
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                    HDR_ZERO,
  packet_type               '23'H,
  user_data                 '00'H
}
```

Table 307. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: TST to IUT

Constraint Value

```
{
  header                    HDR_ZERO,
  packet_type               'F7'H,
  cause                     registration_cancellation_confirmed,
  diagnostic_code           0,
  dte_addr_len              0,
  dxe_addr_len              0,
  registration              {
    reg_len                   0
                            }
}
```

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Table 308. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0CH
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Charging Information

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F7'H,
  cause                                 registration_cancellation_confirmed,
  diagnostic_code                       0,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      avail_faci                            {
        reg_code                              '46'H,
        availability_of_facilities            '0001000000000000'B
                                            }
                                          }
                                        }
}
```

Table 309. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0D
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: D - bit modification

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F7'H,
  cause                                 registration_cancellation_confirmed,
  diagnostic_code                       0,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      avail_faci                            {
        reg_code                              '46'H,
        availability_of_facilities            '0000010000000000'B
                                            }
                                          }
                                        }
}
```

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Table 310. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0DEF
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Default Throughput Class Assignment

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F7'H,
  cause                           registration_cancellation_confirmed,
  diagnostic_code                 0,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         3,
    registration                    {
      avail_faci                      {
        reg_code                        '46'H,
        availability_of_facilities      '0000000000000001'B
                                      }
                                    }
                                  }
}
```

Table 311. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0F
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Flow Control Parameter Negotiation

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F7'H,
  cause                           registration_cancellation_confirmed,
  diagnostic_code                 0,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         3,
    registration                    {
      nego_at_any_time                {
        reg_code                        '45'H,
        negotiate_any_time              '0001000000000000'B
                                      }
                                    }
                                  }
}
```

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Table 312. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0FST
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Fast Select Accept

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F7'H,
  cause                                 registration_cancellation_confirmed,
  diagnostic_code                       0,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      nego_at_any_time                      {
        reg_code                              '45'H,
        negotiate_any_time                    '0000010000000000'B
                                            }
                                          }
                                        }
}
```

Table 313. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0ICB
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Incoming Calls Barred

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F7'H,
  cause                                 registration_cancellation_confirmed,
  diagnostic_code                       0,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      nego_at_any_time                      {
        reg_code                              '45'H,
        negotiate_any_time                    '0000000100000000'B
                                            }
                                          }
                                        }
}
```

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Table 314. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0OCB
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Outgoing Calls Barred

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F7'H,
  cause                                 registration_cancellation_confirmed,
  diagnostic_code                       0,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      nego_at_any_time                      {
        reg_code                              '45'H,
        negotiate_any_time                    '0000001000000000'B
                                            }
                                          }
                                        }
}
```

Table 315. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0PSZ
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Non - std Default Pkt Size

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F7'H,
  cause                                 registration_cancellation_confirmed,
  diagnostic_code                       0,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      avail_faci                            {
        reg_code                              '46'H,
        availability_of_facilities            '0000000000000100'B
                                            }
                                          }
                                        }
}
```

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Table 316. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0R
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Pkt Retransmission

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F7'H,
  cause                                 registration_cancellation_confirmed,
  diagnostic_code                       0,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      avail_faci                            {
        reg_code                              '46'H,
        availability_of_facilities            '0000001000000000'B
                                            }
                                          }
                                        }
}
```

Table 317. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0RC
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Reverse Charging

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F7'H,
  cause                                 registration_cancellation_confirmed,
  diagnostic_code                       0,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      avail_faci                            {
        reg_code                              '46'H,
        availability_of_facilities            '0100000000000000'B
                                            }
                                          }
                                        }
}
```

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Table 318. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0TH
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Throughput Class Negotiation Facility

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F7'H,
  cause                           registration_cancellation_confirmed,
  diagnostic_code                 0,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         3,
    registration                    {
      nego_at_any_time                {
        reg_code                        '45'H,
        negotiate_any_time              '0010000000000000'B
                                      }
                                    }
                                  }
}
```

Table 319. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0WSZ
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Non - standard Default Window Size

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F7'H,
  cause                           registration_cancellation_confirmed,
  diagnostic_code                 0,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         3,
    registration                    {
      avail_faci                      {
        reg_code                        '46'H,
        availability_of_facilities      '0000000000000010'B
                                      }
                                    }
                                  }
}
```

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Table 320. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_0X
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: Extended Sequence Number

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F7'H,
  cause                           registration_cancellation_confirmed,
  diagnostic_code                 0,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         3,
    registration                    {
      avail_faci                      {
        reg_code                        '46'H,
        availability_of_facilities      '00000001000000000'B
                                      }
                                    }
                                  }
}
```

Table 321. ASN.1 PDU Constraint Declaration

Constraint Name	: REGC_1
PDU Type	: Registration_Confirmation
Derivation Path	:
Comments	: IUT to TST

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F7'H,
  cause                           ?,
  diagnostic_code                 *,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         0
                                  }
}
```

Table 322. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_0
PDU Type	: Registration_Request
Derivation Path	:
Comments	: TST to IUT

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F3'H,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         0
                                  }
}
```

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Table 323. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_1
PDU Type	: Registration_Request
Derivation Path	:
Comments	: IUT to TST

Constraint Value

```
{
  header                    HDR_ZERO,
  packet_type               'F3'H,
  dte_addr_len              0,
  dxe_addr_len              0,
  registration              {
    reg_len                   0
                            }
}
```

Table 324. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_1CH
PDU Type	: Registration_Request
Derivation Path	:
Comments	: charging information

Constraint Value

```
{
  header                    HDR_ZERO,
  packet_type               'F3'H,
  dte_addr_len              0,
  dxe_addr_len              0,
  registration              {
    reg_len                   3,
    registration              {
      nego_at_any_time          {
        reg_code                  '45'H,
        negotiate_any_time        '0100000000000000'B
                                  }
                                }
                            }
}
```

Table 325. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_1D
PDU Type	: Registration_Request
Derivation Path	:
Comments	: delivery confirmation

Constraint Value

```
{
  header                    HDR_ZERO,
  packet_type               'F3'H,
  dte_addr_len              0,
  dxe_addr_len              0,
  registration              {
    reg_len                   2,
    registration              {
      nego_when_state_p1        {
        reg_code                  '05'H,
        negotiate_when_state_p1   '00000100'B
                                  }
                                }
                            }
}
```

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Table 326. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_1DEF
PDU Type	: Registration_Request
Derivation Path	:
Comments	: default throughput

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F3'H,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               2,
    registration                          {
      default_thrput_assign                 {
        reg_code                              '02'H,
        from_issuing_DTE_throughput           DEF_THRUPT_CALLING,
        to_issuing_DTE_throughput             DEF_THRUPT_CALLED
                                            }
                                          }
                                        }
}
```

Table 327. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_1F
PDU Type	: Registration_Request
Derivation Path	:
Comments	: flow control negotiation

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F3'H,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      nego_at_any_time                      {
        reg_code                              '45'H,
        negotiate_any_time                    '0001000000000000'B
                                            }
                                          }
                                        }
}
```

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Table 328. ASN.1 PDU Constraint Declaration

Constraint Name : REG_1FST
PDU Type : Registration_Request
Derivation Path :
Comments : fast select

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F3'H,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         3,
    registration                    {
      nego_at_any_time                {
        reg_code                        '45'H,
        negotiate_any_time              '0000010000000000'B
                                        }
                                    }
                                  }
}
```

Table 329. ASN.1 PDU Constraint Declaration

Constraint Name : REG_1ICB
PDU Type : Registration_Request
Derivation Path :
Comments : incoming calls barred

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F3'H,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         3,
    registration                    {
      nego_at_any_time                {
        reg_code                        '45'H,
        negotiate_any_time              '0000000100000000'B
                                        }
                                    }
                                  }
}
```

Table 330. ASN.1 PDU Constraint Declaration

Constraint Name : REG_1OCB
PDU Type : Registration_Request
Derivation Path :
Comments : outgoing calls barred

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F3'H,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         3,
    registration                    {
      nego_at_any_time                {
        reg_code                        '45'H,
        negotiate_any_time              '0000001000000000'B
                                        }
                                    }
                                  }
}
```

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Table 331. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_1PSZ
PDU Type	: Registration_Request
Derivation Path	:
Comments	: non - standard packet size

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F3'H,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      nonstd_default_pack_size              {
        reg_code                              '42'H,
        to_issuing_DTE_packet_size            NS_DEF_PKT_SZ_RX,
        from_issuing_DTE_packet_size          NS_DEF_PKT_SZ_TX
                                            }
                                          }
                                        }
}
```

Table 332. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_1R
PDU Type	: Registration_Request
Derivation Path	:
Comments	: pkt retransmission

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F3'H,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               2,
    registration                          {
      nego_when_state_p1                    {
        reg_code                              '05'H,
        negotiate_when_state_p1               '00000010'B
                                            }
                                          }
                                        }
}
```

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Table 333. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_1RC
PDU Type	: Registration_Request
Derivation Path	:
Comments	: reverse charging

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F3'H,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         3,
    registration                    {
      nego_at_any_time                {
        reg_code                        '45'H,
        negotiate_any_time              '0000100000000000'B
                                        }
                                    }
                                  }
}
```

Table 334. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_1TH
PDU Type	: Registration_Request
Derivation Path	:
Comments	: throughput class negotiation

Constraint Value

```
{
  header                          HDR_ZERO,
  packet_type                     'F3'H,
  dte_addr_len                    0,
  dxe_addr_len                    0,
  registration                    {
    reg_len                         3,
    registration                    {
      nego_at_any_time                {
        reg_code                        '45'H,
        negotiate_any_time              '0010000000000000'B
                                        }
                                    }
                                  }
}
```

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Table 335. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_1WSZ
PDU Type	: Registration_Request
Derivation Path	:
Comments	: non - standard window size

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F3'H,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               3,
    registration                          {
      nonstd_default_wind_size              {
        reg_code                              '43'H,
        to_issuing_DTE_window_size            NS_DEF_WIN_SZ_RX,
        from_issuing_DTE_window_size          NS_DEF_WIN_SZ_TX
                                            }
                                          }
                                        }
}
```

Table 336. ASN.1 PDU Constraint Declaration

Constraint Name	: REG_1X
PDU Type	: Registration_Request
Derivation Path	:
Comments	: extended sequence number

Constraint Value

```
{
  header                                HDR_ZERO,
  packet_type                           'F3'H,
  dte_addr_len                          0,
  dxe_addr_len                          0,
  registration                          {
    reg_len                               2,
    registration                          {
      nego_when_state_p1                    {
        reg_code                              '05'H,
        negotiate_when_state_p1               '00000001'B
                                            }
                                          }
                                        }
}
```

Table 337. ASN.1 PDU Constraint Declaration

Constraint Name	: REJ_0 (LCIF: INTEGER)
PDU Type	: Reject
Derivation Path	:
Comments	: TST to IUT with P (S) = 0, P (R) = 0

Constraint Value

```
{
  header                                HDR_G (LCIF),
  ack_info
    pr_mod8                               0,
  packet_type                           9
}
```

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Table 338. ASN.1 PDU Constraint Declaration

Constraint Name	: REJ_1 (LCIF: INTEGER)
PDU Type	: Reject
Derivation Path	:
Comments	: IUT to TST with P (S) = ?, P (R) = 0

Constraint Value	
{	
header	HDR_G (LCIF),
ack_info	
pr_mod8	0,
packet_type	9
}	

Table 339. ASN.1 PDU Constraint Declaration

Constraint Name	: REJ_1A (LCIF: INTEGER)
PDU Type	: Reject
Derivation Path	:
Comments	: IUT to TST

Constraint Value	
{	
header	HDR_G (LCIF),
ack_info	?,
packet_type	9
}	

Table 340. ASN.1 PDU Constraint Declaration

Constraint Name	: REJ_ZERO
PDU Type	: Reject
Derivation Path	:
Comments	: TST to IUT with P (S) = 0, P (R) = 0

Constraint Value	
{	
header	HDR_ZERO,
ack_info	
pr_mod8	0,
packet_type	9
}	

Table 341. ASN.1 PDU Constraint Declaration

Constraint Name	: RNR_0 (LCIF: INTEGER)
PDU Type	: Receive_Not_Ready
Derivation Path	:
Comments	: TST to IUT

Constraint Value	
{	
header	HDR_G (LCIF),
ack_info	
pr_mod8	0,
packet_type	5
}	

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Table 342. ASN.1 PDU Constraint Declaration

Constraint Name	: RNR_1 (LCIF: INTEGER)
PDU Type	: Receive_Not_Ready
Derivation Path	:
Comments	: IUT to TST

Constraint Value	
{	
header	HDR_G (LCIF),
ack_info	?,
packet_type	5
}	

Table 343. ASN.1 PDU Constraint Declaration

Constraint Name	: RNR_2 (LCIF: INTEGER)
PDU Type	: Receive_Not_Ready
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_G (LCIF),
ack_info	
pr_mod8	2,
packet_type	5
}	

Table 344. ASN.1 PDU Constraint Declaration

Constraint Name	: RNR_7 (LCIF: INTEGER)
PDU Type	: Receive_Not_Ready
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_G (LCIF),
ack_info	
pr_mod8	7,
packet_type	5
}	

Table 345. ASN.1 PDU Constraint Declaration

Constraint Name	: RNR_A (LCIF: INTEGER)
PDU Type	: Receive_Not_Ready
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_G (LCIF),
ack_info	
pr_mod8	0,
packet_type	5
}	

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Table 346. ASN.1 PDU Constraint Declaration

Constraint Name	: RNR_L (LCIF: INTEGER)
PDU Type	: Receive_Not_Ready_Error
Derivation Path	:
Comments	:

Constraint Value

```
{
  pdu                                {
    header                             HDR_G (LCIF),
    ack_info
      pr_mod8                          0,
    packet_type                        5
                                     },
  error                              UD1
}
```

Table 347. ASN.1 PDU Constraint Declaration

Constraint Name	: RNR_ZERO
PDU Type	: Receive_Not_Ready
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                             HDR_ZERO,
  ack_info
    pr_mod8                          0,
  packet_type                        5
}
```

Table 348. ASN.1 PDU Constraint Declaration

Constraint Name	: RR_0 (LCIF: INTEGER)
PDU Type	: Receive_Ready
Derivation Path	:
Comments	: TST to IUT

Constraint Value

```
{
  header                             HDR_G (LCIF),
  ack_info
    pr_mod8                          0,
  packet_type                        1
}
```

Table 349. ASN.1 PDU Constraint Declaration

Constraint Name	: RR_1 (LCIF: INTEGER)
PDU Type	: Receive_Ready
Derivation Path	:
Comments	: IUT to TST P (R) = ?

Constraint Value

```
{
  header                             HDR_G (LCIF),
  ack_info                           ?,
  packet_type                        1
}
```

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Table 350. ASN.1 PDU Constraint Declaration

Constraint Name	: RR_1A (LCIF: INTEGER)
PDU Type	: Receive_Ready
Derivation Path	:
Comments	: IUT to TST P (R) = 1

Constraint Value

```
{
  header                    HDR_G (LCIF),
  ack_info
    pr_mod8                   1,
  packet_type               1
}
```

Table 351. ASN.1 PDU Constraint Declaration

Constraint Name	: RR_2 (LCIF: INTEGER)
PDU Type	: Receive_Ready
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                    HDR_G (LCIF),
  ack_info
    pr_mod8                   2,
  packet_type               1
}
```

Table 352. ASN.1 PDU Constraint Declaration

Constraint Name	: RR_7 (LCIF: INTEGER)
PDU Type	: Receive_Ready
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                    HDR_G (LCIF),
  ack_info
    pr_mod8                   7,
  packet_type               1
}
```

Table 353. ASN.1 PDU Constraint Declaration

Constraint Name	: RR_A (LCIF: INTEGER)
PDU Type	: Receive_Ready
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                    HDR_G (LCIF),
  ack_info
    pr_mod8                   0,
  packet_type               1
}
```

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Table 354. ASN.1 PDU Constraint Declaration

Constraint Name	: RR_L (LCIF: INTEGER)
PDU Type	: Receive_Ready_Error
Derivation Path	:
Comments	:

Constraint Value

```
{
  pdu                                {
    header                             HDR_G (LCIF),
    ack_info
      pr_mod8                          0,
    packet_type                        1
                                     },
  error                              UD1
}
```

Table 355. ASN.1 PDU Constraint Declaration

Constraint Name	: RR_ZERO
PDU Type	: Receive_Ready
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                             HDR_ZERO,
  ack_info
    pr_mod8                          0,
  packet_type                        1
}
```

Table 356. ASN.1 PDU Constraint Declaration

Constraint Name	: RSTC_0 (LCIF: INTEGER)
PDU Type	: Reset_Confirmation
Derivation Path	:
Comments	: TST to IUT

Constraint Value

```
{
  header                             HDR_G (LCIF),
  packet_type                        '1F'H
}
```

Table 357. ASN.1 PDU Constraint Declaration

Constraint Name	: RSTC_1 (LCIF: INTEGER)
PDU Type	: Reset_Confirmation
Derivation Path	:
Comments	: TST to IUT

Constraint Value

```
{
  header                             HDR_G (LCIF),
  packet_type                        '1F'H
}
```

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Table 358. ASN.1 PDU Constraint Declaration

Constraint Name	: RSTC_L (LCIF : INTEGER)
PDU Type	: Reset_Confirmation_Error
Derivation Path	:
Comments	:

Constraint Value

```
{
  pdu                                {
    header                             HDR_G (LCIF),
    packet_type                        '1F'H
                                     },
  error                              UD1
}
```

Table 359. ASN.1 PDU Constraint Declaration

Constraint Name	: RSTC_ZERO
PDU Type	: Reset_Confirmation
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                             HDR_ZERO,
  packet_type                        '1F'H
}
```

Table 360. ASN.1 PDU Constraint Declaration

Constraint Name	: RST_0 (LCIF: INTEGER)
PDU Type	: Reset
Derivation Path	:
Comments	: TST to IUT

Constraint Value

```
{
  header                             HDR_G (LCIF),
  packet_type                        '1B'H,
  resetting_cause
    dte_initiated                      standard_diagnostic,
  diagnostic_code                    0
}
```

Table 361. ASN.1 PDU Constraint Declaration

Constraint Name	: RST_1 (LCIF: INTEGER)
PDU Type	: Reset
Derivation Path	:
Comments	: IUT to TST

Constraint Value

```
{
  header                             HDR_G (LCIF),
  packet_type                        '1B'H,
  resetting_cause                    ?,
  diagnostic_code                    *
}
```

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Table 362. ASN.1 PDU Constraint Declaration

Constraint Name	: RST_1D2 (LCIF: INTEGER)
PDU Type	: Reset
Derivation Path	:
Comments	: IUT to TST with diagnostic code 2

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'1B'H,
resetting_cause	
dte_initiated	?,
diagnostic_code	*
}	

Table 363. ASN.1 PDU Constraint Declaration

Constraint Name	: RST_L (LCIF: INTEGER)
PDU Type	: Reset_Error
Derivation Path	:
Comments	:

Constraint Value	
{	
pdu	{
header	HDR_G (LCIF),
packet_type	'1B'H,
resetting_cause	'00'H,
diagnostic_code	0
	},
error	UD1
}	

Table 364. ASN.1 PDU Constraint Declaration

Constraint Name	: RST_SHT (LCIF: INTEGER)
PDU Type	: Reset
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'1B'H,
}	

Table 365. ASN.1 PDU Constraint Declaration

Constraint Name	: RST_ZERO
PDU Type	: Reset
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_ZERO,
packet_type	'1B'H,
resetting_cause	
dte_initiated	standard_diagnostic,
diagnostic_code	0
}	

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Table 366. ASN.1 PDU Constraint Declaration

Constraint Name	: STRTC
PDU Type	: Restart_Confirmation
Derivation Path	:
Comments	: TST to IUT

Constraint Value

```
{
  header                    HDR_ZERO,
  packet_type               'FF'H
}
```

Table 367. ASN.1 PDU Constraint Declaration

Constraint Name	: STRTC_1
PDU Type	: Restart_Confirmation
Derivation Path	:
Comments	: IUT to TST (header wrong)

Constraint Value

```
{
  header                    HDR_ZERO,
  packet_type               'FF'H
}
```

Table 368. ASN.1 PDU Constraint Declaration

Constraint Name	: STRTC_L (LCIF : INTEGER)
PDU Type	: Restart_Confirmation_Error
Derivation Path	:
Comments	:

Constraint Value

```
{
  pdu                       {
    header                    HDR_G (LCIF),
    packet_type               'FF'H
                            },
  error                     UD1
}
```

Table 369. ASN.1 PDU Constraint Declaration

Constraint Name	: STRTC_L0
PDU Type	: Restart_Confirmation_Error
Derivation Path	:
Comments	:

Constraint Value

```
{
  pdu                       {
    header                    HDR_ZERO,
    packet_type               'FF'H
                            },
  error                     UD1
}
```

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Table 370. ASN.1 PDU Constraint Declaration

Constraint Name	: STRTC_NZ (LCIF: INTEGER)
PDU Type	: Restart_Confirmation
Derivation Path	:
Comments	: TST to IUT with none zero lci

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'FF'H
}	

Table 371. ASN.1 PDU Constraint Declaration

Constraint Name	: STRT_1DCEA
PDU Type	: Restart
Derivation Path	:
Comments	: IUT to TST IUT acting as DCE

Constraint Value	
{	
header	HDR_ZERO,
packet_type	'FB'H,
restarting_cause	?,
diagnostic_code	*
}	

Table 372. ASN.1 PDU Constraint Declaration

Constraint Name	: STRT_1DTEA
PDU Type	: Restart
Derivation Path	:
Comments	: IUT to TST with any cause and diagnostic code

Constraint Value	
{	
header	HDR_ZERO,
packet_type	'FB'H,
restarting_cause	?,
diagnostic_code	*
}	

Table 373. ASN.1 PDU Constraint Declaration

Constraint Name	: STRT_DCE
PDU Type	: Restart
Derivation Path	:
Comments	: network operational

Constraint Value	
{	
header	HDR_ZERO,
packet_type	'FB'H,
restarting_cause	
restart_network_initiated	network_operational,
diagnostic_code	0
}	

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Table 374. ASN.1 PDU Constraint Declaration

Constraint Name	: STRT_DTE
PDU Type	: Restart
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                HDR_ZERO,
  packet_type           'FB'H,
  restarting_cause      '00'H,
  diagnostic_code       0
}
```

Table 375. ASN.1 PDU Constraint Declaration

Constraint Name	: STRT_LO
PDU Type	: Restart_Error
Derivation Path	:
Comments	:

Constraint Value

```
{
  pdu                   {
    header                HDR_ZERO,
    packet_type           'FB'H,
    restarting_cause
      dte_initiated         standard_diagnostic,
    diagnostic_code       0
                          },
  error                 UD1
}
```

Table 376. ASN.1 PDU Constraint Declaration

Constraint Name	: STRT_NIL
PDU Type	: Restart
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                HDR_NIL,
  packet_type           'FB'H,
  restarting_cause      '00'H,
  diagnostic_code       0
}
```

Table 377. ASN.1 PDU Constraint Declaration

Constraint Name	: STRT_NR
PDU Type	: Restart
Derivation Path	:
Comments	:

Constraint Value

```
{
  header                HDR_ZERO
  packet_type           'FB'H,
}
```

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Table 378. ASN.1 PDU Constraint Declaration	
Constraint Name	: STRT_NZ (LCIF: INTEGER)
PDU Type	: Restart
Derivation Path	:
Comments	: TST to IUT non zero lci

Constraint Value	
{	
header	HDR_G (LCIF),
packet_type	'FB'H,
restarting_cause	'00'H,
diagnostic_code	0
}	

Table 379. ASN.1 PDU Constraint Declaration	
Constraint Name	: STRT_UDF
PDU Type	: Restart
Derivation Path	:
Comments	:

Constraint Value	
{	
header	HDR_ZERO,
packet_type	'FB'H,
restarting_cause	'00'H,
diagnostic_code	0
}	

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7.17 Verification of packet layer ready state R1

Table 380. Test Case Dynamic Behavior

Test Case Name : P1_101
Group : R1/R1_Proper/
Purpose : Verify the IUT accepts a Restart Indication in R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD	STRT_DCE		
3		[DISC_AT_DL]			
4		? Restart_Confirmation CANCEL	STRTC_1	PASS	
5		? Restart CANCEL	STRT_1DTEA	PASS	5
6		? TIMEOUT TD		PASS	
7		? OTHERWISE CANCEL			
8		[TRUE]		PASS	
9		[NOT DISC_AT_DL]			
10		? Restart_Confirmation CANCEL	STRTC_1	(PASS)	
11		+ R1_POSTAMBLE			
12		? Restart CANCEL	STRT_1DTEA	(PASS)	
13		+ R1_POSTAMBLE			
14		? OTHERWISE CANCEL		FAIL	
15		? TIMEOUT TD		FAIL	

Detailed Comments:

5 This Restart may be sent in response to the received Restart or may be a result of a Data Link re-initialization procedure

Table 381. Test Case Dynamic Behavior

Test Case Name : P1_102
Group : R1/R1_Proper/
Purpose : Verify the IUT does not respond to a Diagnostic packet received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Diagnostic START TD	DGN_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 No response

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Table 382. Test Case Dynamic Behavior

Test Case Name : P1_103
Group : R1/R1_Proper/
Purpose : Verify the IUT initiates the Restart procedure after the Data Link Layer initialization procedure is completed.
Default :
Comments : This test is only applicable to IUTs that support ISO/IEC 8208 and the use of ASP's.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		! DL_CONNECTreq START TD	DLCONNR_0		
2		? DL_CONNECTconf CANCEL	DLCONNC_1		
3		START TD			
4	L1	? Restart CANCEL TD	STRT_1DTEA	(PASS)	
5		+ R2_POSTAMBLE			
6		? Registration_Request	REG_1		
7		GOTO L1			
8		? TIMEOUT TD		FAIL	
9		? OTHERWISE CANCEL		FAIL	
10		? DL_DISCONNECTind CANCEL	DL_DISC_1	INCONC	
11		? TIMEOUT TD		INCONC	
12		? OTHERWISE CANCEL		INCONC	

Table 383. Test Case Dynamic Behavior

Test Case Name : P1_201A
Group : R1/R1_Improper/
Purpose : Verify the IUT discards an Incoming Call with LCI = 0 while in state R1.
Default :
Comments : The acceptance of Restart in response to an Incoming Call on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Call START TD	CALL_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

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Table 384. Test Case Dynamic Behavior

Test Case Name : P1_201B
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a Call Connected packet on LCI = 0 while in state R1.
Default :
Comments : The acceptance of Restart in response to a Call Connected on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Accept START TD	ANSR_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

Table 385. Test Case Dynamic Behavior

Test Case Name : P1_201C
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a Clear Indication packet on LCI = 0 while in state R1.
Default :
Comments : The acceptance of Restart in response to a Clear Indication on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Clear START TD	CLR_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

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Table 386. Test Case Dynamic Behavior

Test Case Name : P1_201D
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a Clear Confirmation packet on LCI = 0 while in state R1.
Default :
Comments : The acceptance of Restart in response to a Clear Confirmation on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Clear_Confirmation START TD	CLRC_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

Table 387. Test Case Dynamic Behavior

Test Case Name : P1_201E
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a Data packet on LCI = 0 while in state R1.
Default :
Comments : The acceptance of Restart in responed to a Data packet on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Data START TD	DAT_ZER0		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

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Table 388. Test Case Dynamic Behavior

Test Case Name : P1_201F
Group : R1/R1_Improper/
Purpose : Verify the IUT discards an Interrupt packet on LCI = 0 while in state R1.
Default :
Comments : The acceptance of Restart in response to an Interrupt packet on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Interrupt START TD	INT_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

Table 389. Test Case Dynamic Behavior

Test Case Name : P1_201G
Group : R1/R1_Improper/
Purpose : Verify the IUT discards an Interrupt Confirmation packet on LCI = 0 while in state R1.
Default :
Comments : The acceptance of Restart in response to a Interrupt Confirmation on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Interrupt_Confirmation START TD	INTC_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

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Table 390. Test Case Dynamic Behavior

Test Case Name	: P1_201H
Group	: R1/R1_Improper/
Purpose	: Verify the IUT discards a Receive Ready (RR) packet on LCI = 0 while in state R1.
Default	:
Comments	: The acceptance of Restart in response to a Receive Ready on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Receive_Ready START TD	RR_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

Table 391. Test Case Dynamic Behavior

Test Case Name	: P1_201I
Group	: R1/R1_Improper/
Purpose	: Verify the IUT discards a Receive Not Ready (RNR) packet on LCI = 0 while in state R1.
Default	:
Comments	: The acceptance of Restart in response to a Receive Not Ready on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Receive_Not_Ready START TD	RNR_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

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Table 392. Test Case Dynamic Behavior

Test Case Name	: P1_201J
Group	: R1/R1_Improper/
Purpose	: Verify the IUT discards a Reset Indication packet on LCI = 0 while in state R1.
Default	:
Comments	: The acceptance of Restart in response to a Reset Indication on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Reset START TD	RST_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

Table 393. Test Case Dynamic Behavior

Test Case Name	: P1_201K
Group	: R1/R1_Improper/
Purpose	: Verify the IUT discards a Reset Confirmation packet on LCI = 0 while in state R1.
Default	:
Comments	: The acceptance of Restart in response to a Reset Confirmation on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Reset_Confirmation START TD	RSTC_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

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Table 394. Test Case Dynamic Behavior

Test Case Name : P1_201L
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a Reject packet on LCI = 0 while in state R1.
Default :
Comments : The acceptance of Restart in response to a Reject packet on LCI = 0 is for further study.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Reject START TD	REJ_ZERO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 36))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	INCONC	
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
5 No information, not allowed, unassigned LCI

Table 395. Test Case Dynamic Behavior

Test Case Name : P1_202
Group : R1/R1_Improper/
Purpose : Verify the IUT discards or restarts a too short Restart Indication (no cause code or diagnostic fields) packet received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD	STRT_NR		2
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			4
5		? Restart [(CCITT_80)OR(CCITT_84)] CANCEL	STRT_1DTEA		
6		! Restart_Confirmation	STRTC	(PASS)	
7		+ R1_POSTAMBLE			
8		+ RSTRT_UNEXPECTED			8
9		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

2 Too short Restart Indication
3 No response
4 Received no response to a too short Restart Indication
8 A received Restart is inconclusive of ISO 8208 IUTs

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Table 396. Test Case Dynamic Behavior

Test Case Name : P1_203
Group : R1/R1_Improper/
Purpose : Verify the IUT discards or restarts a too long Restart Indication (one octet after the Diagnostic field) received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart_Error START TD	STRT_LO		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			4
5		? Restart [(CCITT_80)OR(CCITT_84)] CANCEL	STRT_1DTEA		
6		! Restart_Confirmation	STRTC	(PASS)	
7		+ R1_POSTAMBLE			
8		+ RSTRT_UNEXPECTED			8
9		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response
4 Received no response to a too long Restart Indication
8 A received Restart is inconclusive of ISO 8208 IUTs

Table 397. Test Case Dynamic Behavior

Test Case Name : P1_204
Group : R1/R1_Improper/
Purpose : Verify the IUT discards or restarts a too long Restart Confirmation (one octet appended to the end of the packet) received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart_Confirmation_Error START TD	STRTC_LO		2
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		? Restart [((CCITT_80) OR (CCITT_84)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC	(PASS)	
7		+ R1_POSTAMBLE			
8		+ RSTRT_UNEXPECTED			8
9		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

2 Restart Confirmation packet of length four octets
3 Received no response to a too long Restart Confirmation
5 No information, not allowed, too long
8 A received Restart is inconclusive of ISO 8208 IUTs

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Table 398. Test Case Dynamic Behavior

Test Case Name : P1_206
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a Diagnostic packet with an assigned LCN not equal to zero received in state R1.
Default :
Comments : This test case is not applicable to CCITT X.25 1980 or 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Diagnostic START TD	DGN_0 (LCI)		2
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

2 Diagnostic packet on LCI < > 0
3 No response

Table 399. Test Case Dynamic Behavior

Test Case Name : P1_207
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a too short Diagnostic packet (no diagnostic or explanation fields) received in state R1.
Default :
Comments : This test case is not applicable to CCITT X.25 1980 or 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Diagnostic START TD	DGN_SHT		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

Table 400. Test Case Dynamic Behavior

Test Case Name : P1_208
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a too long Diagnostic packet (explanation field of three octets plus one appended octet) received in state R1.
Default :
Comments : This test case is not applicable to CCITT X.25 1980 or 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Diagnostic START TD	DGN_L		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

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Table 401. Test Case Dynamic Behavior

Test Case Name : P1_209
Group : R1/R1_Improper/
Purpose : Verify the IUT discards packet of length one octet received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Unformatted_Packet_Type START TD	ERR_A		
3		? TIMEOUT TD		(PASS)	3
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

Table 402. Test Case Dynamic Behavior

Test Case Name : P1_210
Group : R1/R1_Improper/
Purpose : Verify the IUT discards Restart Indications with an invalid GFI received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD	STRT_NIL		
3		? TIMEOUT TD			3
4		+ R1_POSTAMBLE			
5		[SEQ_MODULO = 8]			
6		(COUNT := 2)			
7		+ P1_210_SUBTREE1			
8		+ P1_210_SUBTREE			
9		[SEQ_MODULO = 128]			
10		(COUNT := 1)			
11		+ P1_210_SUBTREE1			
12		+ P1_210_SUBTREE			
13		+ RSTRT_UNEXPECTED			
14		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

Table 403. Test Case Dynamic Behavior

Test Case Name : P1_211A
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a Incoming Call with unassigned LCI received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Call START TD	CALL_0 (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

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Table 404. Test Case Dynamic Behavior

Test Case Name	: P1_211B
Group	: R1/R1_Improper/
Purpose	: Verify the IUT discards a Call Connected packet with unassigned LCI received in state R1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Accept START TD	ANSR_0 (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

Table 405. Test Case Dynamic Behavior

Test Case Name	: P1_211C
Group	: R1/R1_Improper/
Purpose	: Verify the IUT discards a Clear Indication with unassigned LCI received in state R1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Clear START TD	CLR_0 (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

Table 406. Test Case Dynamic Behavior

Test Case Name	: P1_211D
Group	: R1/R1_Improper/
Purpose	: Verify the IUT discards a Clear Confirmation with unassigned LCI received in state R1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Clear_Confirmation START TD	CLRC_0 (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

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Table 407. Test Case Dynamic Behavior

Test Case Name : P1_211E
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a Data packet with unassigned LCI received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Data START TD	D_ONE (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

Table 408. Test Case Dynamic Behavior

Test Case Name : P1_211F
Group : R1/R1_Improper/
Purpose : Verify the IUT discards an Interrupt packet with unassigned LCI received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Interrupt START TD	INT_0 (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

Table 409. Test Case Dynamic Behavior

Test Case Name : P1_211G
Group : R1/R1_Improper/
Purpose : Verify the IUT discards an Interrupt Confirmation with unassigned LCI received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Interrupt_Confirmation START TD	INTC_0 (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

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Table 410. Test Case Dynamic Behavior

Test Case Name	: P1_211H
Group	: R1/R1_Improper/
Purpose	: Verify the IUT discards a Receive Ready (RR) with unassigned LCI received in state R1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Receive_Ready START TD	RR_0 (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

Table 411. Test Case Dynamic Behavior

Test Case Name	: P1_211I
Group	: R1/R1_Improper/
Purpose	: Verify the IUT discards a Receive Not Ready (RNR) with unassigned LCI received in state R1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Receive_Not_Ready START TD	RNR_0 (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

Table 412. Test Case Dynamic Behavior

Test Case Name	: P1_211J
Group	: R1/R1_Improper/
Purpose	: Verify the IUT discards a Reset Indication with unassigned LCI received in state R1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Reset START TD	RST_0 (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

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Table 413. Test Case Dynamic Behavior

Test Case Name : P1_211K
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a Reset Confirmation with unassigned LCI received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Reset_Confirmation START TD	RSTC_0 (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

Table 414. Test Case Dynamic Behavior

Test Case Name : P1_211L
Group : R1/R1_Improper/
Purpose : Verify the IUT discards a Reject packet with unassigned LCI received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		! Reject START TD	REJ_0 (LCI)		
3		? TIMEOUT TD		(PASS)	3
4		+ ASSIGN_DCE (ANY_VC)			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

3 No response

Table 415. Test Case Dynamic Behavior

Test Case Name : P1_301
Group : R1/R1_Inopportune/
Purpose : Verify the IUT restarts a Restart Confirmation with the correct diagnostic code received in state R1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart_Confirmation START TD	STRTC		
3		? Restart [((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 17) OR (Restart.diagnostic_code = 16)) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		3
4		! Restart_Confirmation	STRTC	(PASS)	
5		+ R1_POSTAMBLE			
6		? TIMEOUT TD		FAIL	
7		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 No information, packet invalid, invalid for state R1

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7.18 Verification of DTE restart request state R2

Table 416. Test Case Dynamic Behavior

Test Case Name	: P2_101
Group	: R2/R2_Proper/
Purpose	: Verify the R2 to R1 transition via Restart Indication.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4		+ R1_PREAMBLE (ANY_VC) + R2_PREAMBLE ! Restart + R1_POSTAMBLE	STRT_DCE	(PASS)	3

Detailed Comments:

3 Restart collision at the IUT

Table 417. Test Case Dynamic Behavior

Test Case Name	: P2_102
Group	: R2/R2_Proper/
Purpose	: Verify the R2 to R1 transition via Restart Confirmation.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4		+ R1_PREAMBLE (ANY_VC) + R2_PREAMBLE ! Restart_Confirmation + R1_POSTAMBLE	STRTC	(PASS)	3

Detailed Comments:

3 Send Restart Confirmation

Table 418. Test Case Dynamic Behavior

Test Case Name	: P2_103
Group	: R2/R2_Proper/
Purpose	: Verify the IUT does not respond to a Diagnostic packet received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6		+ R1_PREAMBLE (NO_LC) + R2_PREAMBLE ! Diagnostic START TD ? TIMEOUT TD + R2_POSTAMBLE ? OTHERWISE CANCEL TD	DGN_ZERO	(PASS) FAIL	

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Table 419. Test Case Dynamic Behavior

Test Case Name	: P2_201
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a packet of length two octets received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	ERR_SHT (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 420. Test Case Dynamic Behavior

Test Case Name	: P2_202A
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards an Incoming Call with LCI = 0 received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Call START TD	CALL_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 421. Test Case Dynamic Behavior

Test Case Name	: P2_202B
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Call Connected packet with LCI = 0 received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Accept START TD	ANSR_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 422. Test Case Dynamic Behavior

Test Case Name	: P2_202C
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Clear Indication with LCI = 0 received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Clear START TD	CLR_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 423. Test Case Dynamic Behavior

Test Case Name	: P2_202D
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Clear Confirmation with LCI = 0 received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Clear_Confirmation START TD	CLRC_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 424. Test Case Dynamic Behavior

Test Case Name	: P2_202E
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Data packet with LCI = 0 received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Data START TD	DAT_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 425. Test Case Dynamic Behavior

Test Case Name : P2_202F
Group : R2/R2_Improper/
Purpose : Verify the IUT discards an Interrupt packet with LCI = 0 received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Interrupt START TD	INT_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 426. Test Case Dynamic Behavior

Test Case Name : P2_202G
Group : R2/R2_Improper/
Purpose : Verify the IUT discards an Interrupt Confirmation with LCI = 0 received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Interrupt_Confirmation START TD	INTC_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 427. Test Case Dynamic Behavior

Test Case Name : P2_202H
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a Receive Ready (RR) with LCI = 0 received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Receive_Ready START TD	RR_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 428. Test Case Dynamic Behavior

Test Case Name	: P2_202I
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Receive Not Ready (RNR) with LCI = 0 received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Receive_Not_Ready START TD	RNR_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 429. Test Case Dynamic Behavior

Test Case Name	: P2_202J
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Reset Indication with LCI = 0 received in state R2
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Reset START TD	RST_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 430. Test Case Dynamic Behavior

Test Case Name	: P2_202K
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Reset Confirmation with LCI = 0 received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Reset_Confirmation START TD	RSTC_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 431. Test Case Dynamic Behavior

Test Case Name : P2_202L
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a Reject packet with LCI = 0 received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Reject START TD	REJ_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 432. Test Case Dynamic Behavior

Test Case Name : P2_203A
Group : R2/R2_Improper/
Purpose : Verity the IUT discards an unidentified packet on logical channel zero received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	ERR_ZERO		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 433. Test Case Dynamic Behavior

Test Case Name : P2_203B
Group : R2/R2_Improper/
Purpose : Verity the IUT discards an unidentified packet on a valid logical channel received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	ERR_B (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 434. Test Case Dynamic Behavior

Test Case Name	: P2_203C
Group	: R2/R2_Improper/
Purpose	: Verity the IUT discards an unidentified packet on an unassigned logical channel received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	ERR_B (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 435. Test Case Dynamic Behavior

Test Case Name	: P2_204
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Restart Indication with LCI not equal to zero received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Restart START TD	STRT_NZ (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 436. Test Case Dynamic Behavior

Test Case Name	: P2_205
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Restart Confirmation with LCI not equal to zero received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Restart_Confirmation START TD	STRTC_NZ (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 437. Test Case Dynamic Behavior

Test Case Name : P2_206
Group : R2/R2_Improper/
Purpose : Verify the IUT restarts a too short Restart Indication received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Restart START TD	STRT_NR		3
4		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	4
5		+ R2_POSTAMBLE			
6		? TIMEOUT TD		FAIL	
7		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 No cause or diagnostic fields
4 No information, not allowed, too short

Table 438. Test Case Dynamic Behavior

Test Case Name : P2_207
Group : R2/R2_Improper/
Purpose : Verify the IUT restarts a too long Restart indication received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Restart_Error START TD	STRT_LO		3
4		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	4
5		+ R2_POSTAMBLE			
6		? TIMEOUT TD		FAIL	6
7		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 Long Restart Indication
4 No information, not allowed, too long
6 No response

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Table 439. Test Case Dynamic Behavior

Test Case Name : P2_208
Group : R2/R2_Improper/
Purpose : Verify the IUT restarts a too long Restart Confirmation received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Restart_Confirmation_Error START TD	STRTC_LO		
4		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	4
5		+ R2_POSTAMBLE			
6		? TIMEOUT TD		(FAIL)	6
7		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, too long
6 No response

Table 440. Test Case Dynamic Behavior

Test Case Name : P2_210
Group : R2/R2_Improper/
Purpose : Verify the IUT does not respond to a Diagnostic packet on an assigned LCI not equal to zero received in state R2.
Default :
Comments : This test case is not applicable to CCITT X.25 1980 and 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Diagnostic START TD	DGN_0 (LCI)		3
4		? TIMEOUT TD		(PASS)	
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 Transmit a Diagnostic packet (LCI < > 0)

Table 441. Test Case Dynamic Behavior

Test Case Name : P2_211
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a too short Diagnostic packet (no Diagnostic code or Explanation fields) received in state R2.
Default :
Comments : This test case is not applicable to CCITT X.25 1980 and 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Diagnostic START TD	DGN_SHT		3
4		? TIMEOUT TD		(PASS)	
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 Transmit a too short Diagnostic packet

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Table 442. Test Case Dynamic Behavior

Test Case Name : P2_212
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a too long Diagnostic packet (explanation field of three octets plus one appended octet) received in state R2.
Default :
Comments : This test case is not applicable to CCITT X.25 1980 and 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Diagnostic START TD	DGN_L		3
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 Transmit a Diagnostic packet
4 No response

Table 443. Test Case Dynamic Behavior

Test Case Name : P2_213
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a too short packet (length of one octet) received in state R2.
Default :
Comments : This test case is not applicable to CCITT X.25 1980 and 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (NO_LC)			
2		+ R2_PREAMBLE			
3		! Unformatted_Packet_Type START TD	ERR_A		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 444. Test Case Dynamic Behavior

Test Case Name : P2_214
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a Restart Indications with an invalid GFI received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Restart START TD	STRT_NIL		
4		? TIMEOUT TD			4
5		! Restart_Confirmation	STRTC		
6		+ R1_POSTAMBLE			
7		+ R2_PREAMBLE			
8		[SEQ_MODULO = 8]			
9		(COUNT := 2)			
10		+ P2_214_SUBTREE1			
11		+ P2_214_SUBTREE			
12		[SEQ_MODULO = 128]			
13		(COUNT := 1)			
14		+ P2_214_SUBTREE1			
15		+ P2_214_SUBTREE			
16		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 445. Test Case Dynamic Behavior

Test Case Name : P2_215A
Group : R2/R2_Improper/
Purpose : Verify the IUT discards an Incoming Call on an unassigned LCI received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Call START TD	CALL_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 446. Test Case Dynamic Behavior

Test Case Name : P2_215B
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a Call connected packet on an unassigned LCI received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Accept START TD	ANSR_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 447. Test Case Dynamic Behavior

Test Case Name : P2_215C
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a Clear Indication on an unassigned LCI received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Clear START TD	CLR_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 448. Test Case Dynamic Behavior

Test Case Name : P2_215D
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a Clear Confirmation on an unassigned LCI received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Clear_Confirmation START TD	CLRC_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 449. Test Case Dynamic Behavior

Test Case Name : P2_215E
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a Data packet on an unassigned LCI received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Data START TD	D_ONE (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 450. Test Case Dynamic Behavior

Test Case Name : P2_215F
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a Interrupt packet on an unassigned LCI received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Interrupt START TD	INT_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 451. Test Case Dynamic Behavior

Test Case Name	: P2_215G
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards an Interrupt Confirmation on an unassigned LCI received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Interrupt_Confirmation START TD	INTC_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 452. Test Case Dynamic Behavior

Test Case Name	: P2_215H
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Receive Ready (RR) on an unassigned LCI received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Receive_Ready START TD	RR_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 453. Test Case Dynamic Behavior

Test Case Name	: P2_215I
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Receive Not Ready (RNR) on an unassigned LCI received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Receive_Not_Ready START TD	RNR_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 454. Test Case Dynamic Behavior

Test Case Name : P2_215J
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a Reset Indication on an unassigned LCI received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6		+ R1_PREAMBLE (UVC) + R2_PREAMBLE ! Reset START TD ? TIMEOUT TD + R2_POSTAMBLE ? OTHERWISE CANCEL TD	RST_0 (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

Table 455. Test Case Dynamic Behavior

Test Case Name : P2_215K
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a Reset Confirmation on an unassigned LCI received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6		+ R1_PREAMBLE (UVC) + R2_PREAMBLE ! Reset_Confirmation START TD ? TIMEOUT TD + R2_POSTAMBLE ? OTHERWISE CANCEL TD	RSTC_0 (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

Table 456. Test Case Dynamic Behavior

Test Case Name : P2_215L
Group : R2/R2_Improper/
Purpose : Verify the IUT discards a Reject packet on an unassigned LCI received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6		+ R1_PREAMBLE (UVC) + R2_PREAMBLE ! Reject START TD ? TIMEOUT TD + R2_POSTAMBLE ? OTHERWISE CANCEL TD	REJ_0 (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

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Table 457. Test Case Dynamic Behavior

Test Case Name	: P2_215M
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Restart Indication on a unassigned LCI received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Restart START TD	STRT_NZ (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 458. Test Case Dynamic Behavior

Test Case Name	: P2_215N
Group	: R2/R2_Improper/
Purpose	: Verify the IUT discards a Restart Confirmation on an unassigned LCI received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			
2		+ R2_PREAMBLE			
3		! Restart_Confirmation START TD	STRTC_NZ (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 459. Test Case Dynamic Behavior

Test Case Name	: P2_301A
Group	: R2/R2_Inopportune/
Purpose	: Verify the IUT discards an Incoming Call received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Call START TD	CALL_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 460. Test Case Dynamic Behavior

Test Case Name : P2_301B
Group : R2/R2_Inopportune/
Purpose : Verify the IUT discards a Call Connected packet received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Accept START TD	ANSR_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 461. Test Case Dynamic Behavior

Test Case Name : P2_301C
Group : R2/R2_Inopportune/
Purpose : Verify the IUT discards a Clear Indication received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Clear START TD	CLR_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 462. Test Case Dynamic Behavior

Test Case Name : P2_301D
Group : R2/R2_Inopportune/
Purpose : Verify the IUT discards a Clear Confirmation received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Clear_Confirmation START TD	CLRC_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 463. Test Case Dynamic Behavior

Test Case Name	: P2_301E
Group	: R2/R2_Inopportune/
Purpose	: Verify the IUT discards a Data packet received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Data START TD	D_ONE (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 464. Test Case Dynamic Behavior

Test Case Name	: P2_301F
Group	: R2/R2_Inopportune/
Purpose	: Verify the IUT discards an Interrupt received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Interrupt START TD	INT_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 465. Test Case Dynamic Behavior

Test Case Name	: P2_301G
Group	: R2/R2_Inopportune/
Purpose	: Verify the IUT discards an Interrupt Confirmation received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Interrupt_Confirmation START TD	INTC_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 466. Test Case Dynamic Behavior

Test Case Name : P2_301H
Group : R2/R2_Inopportune/
Purpose : Verify the IUT discards a Receive Ready (RR) received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6		+ R1_PREAMBLE (ANY_VC) + R2_PREAMBLE ! Receive_Ready START TD ? TIMEOUT TD + R2_POSTAMBLE ? OTHERWISE CANCEL TD	RR_0 (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

Table 467. Test Case Dynamic Behavior

Test Case Name : P2_301I
Group : R2/R2_Inopportune/
Purpose : Verify the IUT discards a Receive Not Ready (RNR) received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6		+ R1_PREAMBLE (ANY_VC) + R2_PREAMBLE ! Receive_Not_Ready START TD ? TIMEOUT TD + R2_POSTAMBLE ? OTHERWISE CANCEL TD	RNR_0 (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

Table 468. Test Case Dynamic Behavior

Test Case Name : P2_301J
Group : R2/R2_Inopportune/
Purpose : Verify the IUT discards a Reset Indication received in state R2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6		+ R1_PREAMBLE (ANY_VC) + R2_PREAMBLE ! Reset START TD ? TIMEOUT TD + R2_POSTAMBLE ? OTHERWISE CANCEL TD	RST_0 (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

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Table 469. Test Case Dynamic Behavior

Test Case Name	: P2_301K
Group	: R2/R2_Inopportune/
Purpose	: Verify the IUT discards a Reset Confirmation received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Reset_Confirmation START TD	RSTC_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 470. Test Case Dynamic Behavior

Test Case Name	: P2_301L
Group	: R2/R2_Inopportune/
Purpose	: Verify the IUT discards a Reject packet received in state R2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		! Reject START TD	REJ_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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7.19 Verification of DXE restart indication state R3

Table 471. Test Case Dynamic Behavior

Test Case Name : P3_101
Group : R3/R3_Proper/
Purpose : Verify the IUT accepts a valid Diagnostic packet received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		2
3		? TIMEOUT TD_RESP			
4		! Diagnostic	DGN_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Detailed Comments:

2 Put the IUT into state R3

Table 472. Test Case Dynamic Behavior

Test Case Name : P3_201
Group : R3/R3_Improper/
Purpose : Verify the IUT restarts or discards a packet of length two octets received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Unformatted_Packet_Error_Type	ERR_SHT (LCI)		
5		[ISO]			5
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD_RESP		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			14
15		? TIMEOUT TO_R3			
16		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
17		+ R1_POSTAMBLE			
18		? Restart CANCEL	STRT_1DTEA	(PASS)	
19		+ R1_POSTAMBLE			
20		? TIMEOUT TD		FAIL	
21		? OTHERWISE CANCEL		FAIL	
22		+ R3_UNEXPECTED			
23		+ R3_UNEXPECTED			

Detailed Comments:

5 See ISO 8208 Figure 5-C
14 See CCITT X.25 Table C-2

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Table 473. Test Case Dynamic Behavior

Test Case Name	: P3_202A
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards an Incoming Call with LCI = 0 received state in R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Call	CALL_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Table 474. Test Case Dynamic Behavior

Test Case Name	: P3_202B
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a Call Connected packet with LCI = 0 received state in R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Accept	ANSR_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Table 475. Test Case Dynamic Behavior

Test Case Name	: P3_202C
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a Clear Indication with LCI = 0 received state in R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Clear	CLR_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

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Table 476. Test Case Dynamic Behavior

Test Case Name	: P3_202D
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a Clear Confirmation with LCI = 0 received state in R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Clear_Confirmation	CLRC_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Table 477. Test Case Dynamic Behavior

Test Case Name	: P3_202E
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a Data packet with LCI = 0 received state in R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Data	DAT_ZER0		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Table 478. Test Case Dynamic Behavior

Test Case Name	: P3_202F
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards an Interrupt packet with LCI = 0 received state in R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Interrupt	INT_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

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Table 479. Test Case Dynamic Behavior

Test Case Name	: P3_202G
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards an Interrupt Confirmation with LCI = 0 received state in R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Interrupt_Confirmation	INTC_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Table 480. Test Case Dynamic Behavior

Test Case Name	: P3_202H
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a Receive Ready (RR) with LCI = 0 received state in R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Receive_Ready	RR_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Table 481. Test Case Dynamic Behavior

Test Case Name	: P3_202I
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a Receive Not Ready (RNR) packet with LCI = 0 received state in R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Receive_Not_Ready	RNR_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

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Table 482. Test Case Dynamic Behavior

Test Case Name : P3_202J
Group : R3/R3_Improper/
Purpose : Verify the IUT discards a Reset Indication with LCI = 0 received state in R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Reset	RST_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Table 483. Test Case Dynamic Behavior

Test Case Name : P3_202K
Group : R3/R3_Improper/
Purpose : Verify the IUT discards a Reset Confirmation with LCI = 0 received state in R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Reset_Confirmation	RSTC_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Table 484. Test Case Dynamic Behavior

Test Case Name : P3_202L
Group : R3/R3_Improper/
Purpose : Verify the IUT discards a Reject packet with LCI = 0 received state in R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Reject	REJ_ZERO		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

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Table 485. Test Case Dynamic Behavior

Test Case Name : P3_203A
Group : R3/R3_Improper/
Purpose : Verify the IUT restarts or discards an unidentified packet on logical channel zero received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Unformatted_Packet_Error_Type	ERR_ZERO		
5		[ISO]			5
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33))) OR (Restart restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD_RESP		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			14
15		? TIMEOUT TO_R3			
16		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
17		+ R1_POSTAMBLE			
18		? Restart CANCEL	STRT_1DTEA	(PASS)	
19		+ R1_POSTAMBLE			
20		? TIMEOUT TD		FAIL	
21		? OTHERWISE CANCEL		FAIL	
22		+ R3_UNEXPECTED			
23		+ R3_UNEXPECTED			

Detailed Comments:

5 See ISO 8208 Figure 5-C
14 See CCITT X.25 Table C-2

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Table 486. Test Case Dynamic Behavior

Test Case Name : P3_203B
Group : R3/R3_Improper/
Purpose : Verify the IUT restarts or discards an unidentified packet on a valid logical channel received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Com-ments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Unformatted_Packet_Error_Type	ERR_B (LCI)		
5		[ISO]			5
6		START TD_RESP			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD_RESP		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			14
15		? TIMEOUT TO_R3			
16		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
17		+ R1_POSTAMBLE			
18		? Restart CANCEL	STRT_1DTEA	(PASS)	
19		+ R1_POSTAMBLE			
20		? TIMEOUT TD		FAIL	
21		? OTHERWISE CANCEL		FAIL	
22		+ R3_UNEXPECTED			
23		+ R3_UNEXPECTED			

Detailed Comments:

5 See ISO 8208 Figure 5-C
14 See CCITT X.25 Table C-2

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Table 487. Test Case Dynamic Behavior

Test Case Name : P3_203C
Group : R3/R3_Improper/
Purpose : Verify the IUT restarts or discards an unidentified packet on an unassigned logical channel received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Unformatted_Packet_Error_Type	ERR_B (LCI)		
5		[ISO]			5
6		START TD_RESP			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD_RESP		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			14
15		? TIMEOUT TO_R3			
16		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
17		+ R1_POSTAMBLE			
18		? Restart CANCEL	STRT_1DTEA	(PASS)	
19		+ ASSIGN_DCE (ANY_VC)			
20		+ R1_POSTAMBLE			
21		? TIMEOUT TD		FAIL	
22		? OTHERWISE CANCEL		FAIL	
23		+ R3_UNEXPECTED			
24		+ R3_UNEXPECTED			

Detailed Comments:

5 See ISO 8208 Figure 5-C
14 See CCITT X.25 Table C-2

Table 488. Test Case Dynamic Behavior

Test Case Name : P3_204
Group : R3/R3_Improper/
Purpose : Verify IUT restarts a Restart Indication with an assigned LCI not equal to zero, received in state R3.
Default :
Comments : This test case is not applicable to CCITT X.25 1980 and 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Restart	STRT_NZ (LCI)		
5		START TD_RESP			
6		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		6
7		! Restart_Confirmation	STRTC	(PASS)	
8		+ R1_POSTAMBLE			
9		? Restart	STRT_1DTEA		
10		! Restart_Confirmation CANCEL	STRTC	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD_RESP		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			

Detailed Comments:

6 No information, not allowed, non-zero lci

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Table 489. Test Case Dynamic Behavior

Test Case Name : P3_205
Group : R3/R3_Improper/
Purpose : Verify IUT restarts a Restart Confirmation with an assigned LCI not equal to zero, received in state R3.
Default :
Comments : This test case is not applicable to CCITT X.25 1980 and 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Restart_Confirmation	STRTC_NZ (LCI)		
5		START TD_RESP			
6		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		6
7		! Restart_Confirmation	STRTC	(PASS)	
8		+ R1_POSTAMBLE			
9		? Restart	STRT_1DTEA		
10		! Restart_Confirmation CANCEL	STRTC	INCONC	
11		? Restart_Confirmation	STRTC_1	FAIL	
12		? TIMEOUT TD_RESP		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			

Detailed Comments:

6 No information, not allowed, non-zero lci

Table 490. Test Case Dynamic Behavior

Test Case Name : P3_206
Group : R3/R3_Improper/
Purpose : Verify the IUT restarts or discards a too short Restart Indication received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Restart	STRT_NR		
5		[ISO]			
6		? TIMEOUT TO_R3			
7		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
8		+ R1_POSTAMBLE			
9		? Restart CANCEL TD	STRT_1DTEA	(PASS)	
10		+ R1_POSTAMBLE			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL		FAIL	
13		+ R3_UNEXPECTED			
14		[(CCITT_80) OR (CCITT_84)]			
15		? TIMEOUT TO_R3			
16		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
17		+ R1_POSTAMBLE			
18		? Restart CANCEL	STRT_1DTEA	(PASS)	18
19		+ R1_POSTAMBLE			
20		? TIMEOUT TD		FAIL	
21		? OTHERWISE CANCEL		FAIL	
22		? Restart CANCEL	STRT_1DTEA	(PASS)	22
23		+ R1_POSTAMBLE			
24		+ R3_UNEXPECTED			

Detailed Comments:

18 CCITT X.25 1980 and 1984 IUTs may send a Restart
22 CCITT X.25 1980 and 1984 IUTs may send a Restart

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Table 491. Test Case Dynamic Behavior

Test Case Name	: P3_207
Group	: R3/R3_Improper/
Purpose	: Verify the IUT restarts or discards a too long Restart Indication received in state R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Com-ments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Restart_Error	STRT_LO		
5		[ISO]			
6		? TIMEOUT TO_R3			
7		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
8		+ R1_POSTAMBLE			
9		? Restart CANCEL TD	STRT_1DTEA	(PASS)	
10		+ R1_POSTAMBLE			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL		FAIL	
13		+ R3_UNEXPECTED			
14		[(CCITT_80) OR (CCITT_84)]			
15		? TIMEOUT TO_R3			
16		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
17		+ R1_POSTAMBLE			
18		? Restart CANCEL	STRT_1DTEA	(PASS)	18
19		+ R1_POSTAMBLE			
20		? TIMEOUT TD		FAIL	
21		? OTHERWISE CANCEL		FAIL	
22		? Restart CANCEL	STRT_1DTEA	(PASS)	22
23		+ R1_POSTAMBLE			
24		+ R3_UNEXPECTED			

Detailed Comments:

18 CCITT X.25 1980 and 1984 IUTs may send a Restart

22 CCITT X.25 1980 and 1984 IUTs may send a Restart

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Table 492. Test Case Dynamic Behavior

Test Case Name : P3_208
Group : R3/R3_Improper/
Purpose : Verify the IUT restarts or discards a too long Restart Confirmation received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Restart_Confirmation_Error	STRTC_LO		
5		[ISO]			
6		? TIMEOUT TO_R3			
7		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
8		+ R1_POSTAMBLE			
9		? Restart CANCEL TD	STRT_1DTEA	(PASS)	
10		+ R1_POSTAMBLE			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL		FAIL	
13		+ R3_UNEXPECTED			
14		[(CCITT_80) OR (CCITT_84)]			
15		? TIMEOUT TO_R3			
16		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
17		+ R1_POSTAMBLE			
18		? Restart CANCEL TD	STRT_1DTEA	(PASS)	18
19		+ R1_POSTAMBLE			
20		? TIMEOUT TD		FAIL	
21		? OTHERWISE CANCEL		FAIL	
22		? Restart CANCEL	STRT_1DTEA	(PASS)	22
23		+ R1_POSTAMBLE			
24		+ R3_UNEXPECTED			

Detailed Comments:

18 CCITT X.25 1980 and 1984 IUTs may send a Restart
22 CCITT X.25 1980 and 1984 IUTs may send a Restart

Table 493. Test Case Dynamic Behavior

Test Case Name : P3_210
Group : R3/R3_Improper/
Purpose : Verify the IUT discards a Diagnostic packet with an assigned LCI not equal to zero recieved in state R3.
Default :
Comments : This test case is not applicable to CCITT X.25 1980 and 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Diagnostic	DGN_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL TD	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

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Table 494. Test Case Dynamic Behavior

Test Case Name	: P3_211
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a too short Diagnostic packet received in state R3.
Default	:
Comments	: This test case is not applicable to CCITT X.25 1980 and 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Diagnostic	DGN_SHT		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Table 495. Test Case Dynamic Behavior

Test Case Name	: P3_212
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a too long Diagnostic packet received in state R3.
Default	:
Comments	: This test case is not applicable to CCITT X.25 1980 and 1984 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Diagnostic	DGN_L		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Table 496. Test Case Dynamic Behavior

Test Case Name	: P3_213
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a too short Diagnostic packet received in state R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Unformatted_Packet_Type	ERR_A		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

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Table 497. Test Case Dynamic Behavior

Test Case Name : P3_214
Group : R3/R3_Improper/
Purpose : Verify the IUT discards Restart Indications with an invalid GFI received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Restart	STRT_NIL		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1		
7		+ R1_POSTAMBLE			
8		+ P3_214_SUBTREE_BEGIN			
9		? Restart CANCEL TD	STRT_1DTEA	INCONC	
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

Table 498. Test Case Dynamic Behavior

Test Case Name : P3_215A
Group : R3/R3_Improper/
Purpose : Verify the IUT discards an Incoming Call on an unassigned logical channel received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Call	CALL_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1 An unassigned logical channel is used
7 Get a valid logical channel for use by R1_POSTAMBLE
10 Get a valid logical channel for use by R1_POSTAMBLE

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Table 499. Test Case Dynamic Behavior

Test Case Name	: P3_215B
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards an Call Connected on an unassigned logical channel received in state R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Accept	ANSR_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1	An unassigned logical channel is used
7	Get a valid logical channel for use by R1_POSTAMBLE
10	Get a valid logical channel for use by R1_POSTAMBLE

Table 500. Test Case Dynamic Behavior

Test Case Name	: P3_215C
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a Clear Indication on an unassigned logical channel received in state R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Clear	CLR_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1	An unassigned logical channel is used
7	Get a valid logical channel for use by R1_POSTAMBLE
10	Get a valid logical channel for use by R1_POSTAMBLE

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Table 501. Test Case Dynamic Behavior

Test Case Name : P3_215D
Group : R3/R3_Improper/
Purpose : Verify the IUT discards an Clear Confirmation on an unassigned logical channel received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Clear_Confirmation	CLRC_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1 An unassigned logical channel is used
7 Get a valid logical channel for use by R1_POSTAMBLE
10 Get a valid logical channel for use by R1_POSTAMBLE

Table 502. Test Case Dynamic Behavior

Test Case Name : P3_215E
Group : R3/R3_Improper/
Purpose : Verify the IUT discards an Data packet on an unassigned logical channel received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Data	D_ONE (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1 An unassigned logical channel is used
7 Get a valid logical channel for use by R1_POSTAMBLE
10 Get a valid logical channel for use by R1_POSTAMBLE

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Table 503. Test Case Dynamic Behavior

Test Case Name	: P3_215F
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards an Interrupt on an unassigned logical channel received in state R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Interrupt	INT_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1	An unassigned logical channel is used
7	Get a valid logical channel for use by R1_POSTAMBLE
10	Get a valid logical channel for use by R1_POSTAMBLE

Table 504. Test Case Dynamic Behavior

Test Case Name	: P3_215G
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards an Interrupt Confirmation on an unassigned logical channel received in state R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Interrupt_Confirmation	INTC_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1	An unassigned logical channel is used
7	Get a valid logical channel for use by R1_POSTAMBLE
10	Get a valid logical channel for use by R1_POSTAMBLE

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Table 505. Test Case Dynamic Behavior

Test Case Name : P3_215H
Group : R3/R3_Improper/
Purpose : Verify the IUT discards a Receive Ready (RR) on an unassigned logical channel received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Receive_Ready	RR_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1 An unassigned logical channel is used
7 Get a valid logical channel for use by R1_POSTAMBLE
10 Get a valid logical channel for use by R1_POSTAMBLE

Table 506. Test Case Dynamic Behavior

Test Case Name : P3_215I
Group : R3/R3_Improper/
Purpose : Verify the IUT discards a Receive Not Ready (RNR) on an unassigned logical channel received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Receive_Not_Ready	RNR_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1 An unassigned logical channel is used
7 Get a valid logical channel for use by R1_POSTAMBLE
10 Get a valid logical channel for use by R1_POSTAMBLE

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Table 507. Test Case Dynamic Behavior

Test Case Name	: P3_215J
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a Reset Indication on an unassigned logical channel received in state R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Reset	RST_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1	An unassigned logical channel is used
7	Get a valid logical channel for use by R1_POSTAMBLE
10	Get a valid logical channel for use by R1_POSTAMBLE

Table 508. Test Case Dynamic Behavior

Test Case Name	: P3_215K
Group	: R3/R3_Improper/
Purpose	: Verify the IUT discards a Reset Confirmation on an unassigned logical channel received in state R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Reset_Confirmation	RSTC_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1	An unassigned logical channel is used
7	Get a valid logical channel for use by R1_POSTAMBLE
10	Get a valid logical channel for use by R1_POSTAMBLE

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Table 509. Test Case Dynamic Behavior

Test Case Name : P3_215L
Group : R3/R3_Improper/
Purpose : Verify the IUT discards a Reject on an unassigned logical channel received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Reject	REJ_0 (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1 An unassigned logical channel is used
7 Get a valid logical channel for use by R1_POSTAMBLE
10 Get a valid logical channel for use by R1_POSTAMBLE

Table 510. Test Case Dynamic Behavior

Test Case Name : P3_215M
Group : R3/R3_Improper/
Purpose : Verify the IUT discards a Restart on an unassigned logical channel received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Restart	STRT_NZ (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1 An unassigned logical channel is used
7 Get a valid logical channel for use by R1_POSTAMBLE
10 Get a valid logical channel for use by R1_POSTAMBLE

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Table 511. Test Case Dynamic Behavior

Test Case Name : P3_215N
Group : R3/R3_Improper/
Purpose : Verify the IUT discards a Restart Confirmation on an unassigned logical channel received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (UVC)			1
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Restart_Confirmation	STRTC_NZ (LCI)		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ ASSIGN_DCE (ANY_VC)			7
8		+ R1_POSTAMBLE			
9		? Restart CANCEL	STRT_1DTEA	(PASS)	
10		+ ASSIGN_DCE (ANY_VC)			10
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ R3_UNEXPECTED			
15		+ R3_UNEXPECTED			

Detailed Comments:

1 An unassigned logical channel is used
7 Get a valid logical channel for use by R1_POSTAMBLE
10 Get a valid logical channel for use by R1_POSTAMBLE

Table 512. Test Case Dynamic Behavior

Test Case Name : P3_301
Group : R3/R3_Inopportune/
Purpose : Verify the IUT discards a Restart Indication received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP, START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Restart	STRT_DCE		
5		? TIMEOUT TO_R3			
6		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart CANCEL	STRT_1DTEA	(PASS)	
9		+ R1_POSTAMBLE			
10		? TIMEOUT TD		FAIL	
11		? OTHERWISE CANCEL		FAIL	
12		+ R3_UNEXPECTED			
13		+ R3_UNEXPECTED			

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Table 513. Test Case Dynamic Behavior

Test Case Name : P3_302
Group : R3/R3_Inopportune/
Purpose : Verify the IUT restarts a Restart Confirmation received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TD_RESP	STRT_DCE		
3		? TIMEOUT TD_RESP			
4		! Restart_Confirmation START TD_RESP	STRTC		
5		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		5
6		! Restart_Confirmation	STRTC		
7		+ R1_POSTAMBLE			
8		? Restart	STRT_1DTEA	(PASS)	
9		! Restart_Confirmation CANCEL	STRTC	(INCONC)	
10		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL		FAIL	
13		+ R3_UNEXPECTED			

Detailed Comments:

5 Invalid for state R3

Table 514. Test Case Dynamic Behavior

Test Case Name : P3_303A
Group : R3/R3_Inopportune/
Purpose : Verify the IUT restarts an Incoming Call received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Call	CALL_0 (LCI)		
5		[ISO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

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Table 515. Test Case Dynamic Behavior

Test Case Name : P3_303B
Group : R3/R3_Inopportune/
Purpose : Verify the IUT restarts a Call Connected packet received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Accept	ANSR_0 (LCI)		
5		[ISO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD_RESP		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

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Table 516. Test Case Dynamic Behavior

Test Case Name	: P3_303C
Group	: R3/R3_Inopportune/
Purpose	: Verify the IUT restarts a Clear Indication received in state R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Clear	CLR_0 (LCI)		
5		[ISO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

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Table 517. Test Case Dynamic Behavior

Test Case Name	: P3_303D
Group	: R3/R3_Inopportune/
Purpose	: Verify the IUT restarts a Clear Confirmation received in state R3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Clear_Confirmation	CLRC_0 (LCI)		
5		[ISO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

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Table 518. Test Case Dynamic Behavior

Test Case Name : P3_303E
Group : R3/R3_Inopportune/
Purpose : Verify the IUT restarts a Data packet received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Data	D_ONE (LCI)		
5		[ISO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

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Table 519. Test Case Dynamic Behavior

Test Case Name : P3_303F
Group : R3/R3_Inopportune/
Purpose : Verify the IUT restarts an Interrupt packet received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Interrupt	INT_0 (LCI)		
5		[ISO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

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Table 520. Test Case Dynamic Behavior

Test Case Name : P3_303G
Group : R3/R3_Inopportune/
Purpose : Verify the IUT restarts an Interrupt Confirmation received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Interrupt_Confirmation	INTC_0 (LCI)		
5		[ISO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

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Table 521. Test Case Dynamic Behavior

Test Case Name : P3_303H
Group : R3/R3_Inopportune/
Purpose : Verify the IUT restarts a Receive Ready (RR) received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Receive_Ready	RR_0 (LCI)		
5		[!SO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

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Table 522. Test Case Dynamic Behavior

Test Case Name : P3_303I
Group : R3/R3_Inopportune/
Purpose : Verify the IUT restarts a Receive Not Ready (RNR) received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Receive_Not_Ready	RNR_0 (LCI)		
5		[ISO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

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Table 523. Test Case Dynamic Behavior

Test Case Name : P3_303J
Group : R3/R3_Inopportune/
Purpose : Verify the IUT restarts a Reset Indication received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Reset	RST_0 (LCI)		
5		[ISO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

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Table 524. Test Case Dynamic Behavior

Test Case Name : P3_303K
Group : R3/R3_Inopportune/
Purpose : Verify the IUT restarts a Reset Confirmation received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Reset_Confirmation	RSTC_0 (LCI)		
5		[ISO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

7 ISO 8208 IUTs must send a Restart
19 CCITT X.25 1980 and 1984 IUTs may discard the inopportune packet

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Table 525. Test Case Dynamic Behavior

Test Case Name : P3_303L
Group : R3/R3_Inopportune/
Purpose : Verify the IUT restarts a Reject packet received in state R3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		! Restart START TO_R3, START TD	STRT_DCE		
3		? TIMEOUT TD			
4		! Reject	REJ_0 (LCI)		
5		[ISO]			
6		START TD_RESP, CANCEL TO_R3, CANCEL TD			
7		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 19))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		7
8		! Restart_Confirmation	STRTC_1	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart CANCEL	STRT_1DTEA	INCONC	
11		? Restart_Confirmation CANCEL	STRTC_1	FAIL	
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		[(CCITT_80) OR (CCITT_84)]			
15		? Restart CANCEL	STRT_1DTEA	(PASS)	
16		+ R1_POSTAMBLE			
17		? TIMEOUT TO_R3			
18		START TD			
19		? Restart_Confirmation CANCEL TD	STRTC_1	(PASS)	19
20		+ R1_POSTAMBLE			
21		? Restart CANCEL	STRT_1DTEA	(PASS)	
22		+ R1_POSTAMBLE			
23		? TIMEOUT TD		FAIL	
24		? OTHERWISE CANCEL		FAIL	
25		+ R3_UNEXPECTED			
26		+ R3_UNEXPECTED			

Detailed Comments:

7 ISO 8208 IUTs must send a Restart
19 CCITT X.25 1980 and 1984 IUTs may discard the inopportune packet

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7.20 Verification of packet ready state P1

Table 526. Test Case Dynamic Behavior

Test Case Name	: P4_101
Group	: P1/P1_Proper/
Purpose	: Verify the IUT accepts a valid Incoming Call received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD	CALL_0 (LCI)		
3		? Accept CANCEL TD	ANSR_1 (LCI)	(PASS)	
4		+ P4_POSTAMBLE			
5		? TIMEOUT TD		FAIL	
6		? OTHERWISE CANCEL TD		FAIL	

Table 527. Test Case Dynamic Behavior

Test Case Name	: P4_103
Group	: P1/P1_Proper/
Purpose	: Verify that the IUT confirms a CLEAR with cause '01'H received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD	CLR_C01 (LCI)		
3		? Clear_Confirmation CANCEL	CLRC_1 (LCI)	(PASS)	
4		+ R1_POSTAMBLE			
5		? Clear CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ R1_POSTAMBLE			
7		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

5 Clear collision

Table 528. Test Case Dynamic Behavior

Test Case Name	: P4_104
Group	: P1/P1_Proper/
Purpose	: Verify that the IUT confirms a CLEAR with cause '05'H received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD	CLR_C05 (LCI)		
3		? Clear_Confirmation CANCEL	CLRC_1 (LCI)	(PASS)	
4		+ R1_POSTAMBLE			
5		? Clear CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ R1_POSTAMBLE			
7		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

5 Clear collision

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Table 529. Test Case Dynamic Behavior

Test Case Name	: P4_105
Group	: P1/P1_Proper/
Purpose	: Verify that the IUT confirms a CLEAR with cause '11'H received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Com-ments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD	CLR_C11 (LCI)		
3		? Clear_Confirmation CANCEL	CLRC_1 (LCI)	(PASS)	
4		+ R1_POSTAMBLE			
5		? Clear CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ R1_POSTAMBLE			
7		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

5 Clear collision

Table 530. Test Case Dynamic Behavior

Test Case Name	: P4_106
Group	: P1/P1_Proper/
Purpose	: Verify that the IUT confirms a CLEAR with cause '13'H received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Com-ments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD	CLR_C13 (LCI)		
3		? Clear_Confirmation CANCEL	CLRC_1 (LCI)	(PASS)	
4		+ R1_POSTAMBLE			
5		? Clear CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ R1_POSTAMBLE			
7		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

5 Clear collision

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Table 531. Test Case Dynamic Behavior

Test Case Name : P4_107
Group : P1/P1_Proper/
Purpose : Verify that the IUT confirms a CLEAR with cause '21'H received in state P1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD	CLR_C21 (LCI)		
3		? Clear_Confirmation CANCEL	CLRC_1 (LCI)	(PASS)	
4		+ R1_POSTAMBLE			
5		? Clear CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ R1_POSTAMBLE			
7		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

5 Clear collision

Table 532. Test Case Dynamic Behavior

Test Case Name : P4_201
Group : P1/P1_Improper/
Purpose : Verify the IUT clears a packet of length two octets received in state P1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Unformatted_Packet_Error_Type START TD	ERR_SHT (LCI)		
3		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
4		+ GEN1_POSTAMBLE			
5		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
6		+ GEN2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? TIMEOUT TD		FAIL	
9		? OTHERWISE CANCEL TD		FAIL	

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Table 533. Test Case Dynamic Behavior

Test Case Name	: P4_202
Group	: P1/P1_Improper/
Purpose	: Verify that the IUT clears a packet of unidentified type in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Unformatted_Packet_Error_Type START TD	ERR_B (LCI)		
3		? Clear [((((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
4		+ GEN1_POSTAMBLE			
5		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
6		+ GEN2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? TIMEOUT TD		FAIL	
9		? OTHERWISE CANCEL TD		FAIL	

Table 534. Test Case Dynamic Behavior

Test Case Name	: P4_203
Group	: P1/P1_Improper/
Purpose	: Verify that the IUT clears a Restart packet with an assigned LCI not equal to zero received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Restart START TD	STRT_NZ (LCI)		
3		? Clear [((((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
4		+ GEN1_POSTAMBLE			
5		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
6		+ GEN2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? TIMEOUT TD		FAIL	
9		? OTHERWISE CANCEL TD		FAIL	

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Table 535. Test Case Dynamic Behavior

Test Case Name	: P4_204
Group	: P1/P1_Improper/
Purpose	: Verify that the IUT clears a Restart Confirm packet received on an assigned LCI not equal to zero while in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Restart_Confirmation START TD	STRTC_NZ (LCI)		
3		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
4		+ GEN1_POSTAMBLE			
5		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
6		+ GEN2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? TIMEOUT TD		FAIL	
9		? OTHERWISE CANCEL TD		FAIL	

Table 536. Test Case Dynamic Behavior

Test Case Name	: P4_205
Group	: P1/P1_Improper/
Purpose	: Verify that the IUT clears a too short Incoming Call packet received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Unformatted_Packet_Error_Type START TD	CALL_SHT (LCI)		
3		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
4		+ GEN1_POSTAMBLE			
5		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
6		+ GEN2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? TIMEOUT TD		FAIL	
9		? OTHERWISE CANCEL TD		FAIL	

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Table 537. Test Case Dynamic Behavior

Test Case Name	: P4_206
Group	: P1/P1_Improper/
Purpose	: Verify the IUT clears a too long Incoming Call packet (user data field of 17 or 129 octets) while in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		[FAST_SELECT = TRUE]			
3		! Call START TD	CALL_U129 (LCI)		3
4		+ P4_206_SUBTREE			
5		[FAST_SELECT = FALSE]			
6		! Call START TD	CALL_U17 (LCI)		6
7		+ P4_206_SUBTREE			

Detailed Comments:

3 Fast select is supported and in use, then send with 129 octets of user data
6 Fast select is not supported or not in use, then send 17 octets of user data

Table 538. Test Case Dynamic Behavior

Test Case Name	: P4_207
Group	: P1/P1_Improper/
Purpose	: Verify the IUT clears a too long Call Connected packet (user data field of 1 or 129 octets) while in state P1.
Default	:
Comments	: Two kinds of errors exists in the Call Connected packet: invalid packet for state P1 or a format error too long.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		[FAST_SELECT = TRUE]			
3		! Accept START TD	ANSR_OU129 (LCI)		3
4		+ P4_207_SUBTREE			
5		[FAST_SELECT = FALSE]			
6		! Accept START TD	ANSR_0U1 (LCI)		6
7		+ P4_207_SUBTREE			

Detailed Comments:

3 Fast select is supported and in use, then send 129 octets of user data
6 Fast select is not supported or not in use, then send 1 octet of user data

Table 539. Test Case Dynamic Behavior

Test Case Name	: P4_208
Group	: P1/P1_Improper/
Purpose	: Verify that the IUT clears a too short Clear Indication packet (no cause code or diagnostic code fields) while in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD	CLR_SHT (LCI)		
3		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear .clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
4		+ GEN1_POSTAMBLE			
5		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart .diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
6		+ GEN2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? TIMEOUT TD		FAIL	
9		? OTHERWISE CANCEL TD		FAIL	

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Table 540. Test Case Dynamic Behavior

Test Case Name	: P4_209
Group	: P1/P1_Improper/
Purpose	: Verify that the IUT clears a too long Clear Indication packet while in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD	CLR_LNG (LCI)		
3		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39) OR (Clear.diagnostic_code = 42))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
4		+ GEN1_POSTAMBLE			
5		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart .diagnostic_code = 39) OR (Restart.diagnostic_code = 42))) OR (Restart.restarting_cause .dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
6		+ GEN2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? TIMEOUT TD		FAIL	
9		? OTHERWISE CANCEL TD		FAIL	

Table 541. Test Case Dynamic Behavior

Test Case Name	: P4_210
Group	: P1/P1_Improper/
Purpose	: Verify that the IUT clears a too long Clear Confirmation packet (110 octets appended to the end of the packet) while in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear_Confirmation_Error START TD	CLRC_U110 (LCI)		
3		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 20) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39) OR (Clear.diagnostic_code = 42))) OR (Clear .clearing_cause.dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
4		+ GEN1_POSTAMBLE			
5		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart .diagnostic_code = 20) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39) OR (Restart.diagnostic_code = 42))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
6		+ GEN2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? TIMEOUT TD		FAIL	
9		? OTHERWISE CANCEL TD		FAIL	

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Table 542. Test Case Dynamic Behavior

Test Case Name	: P4_301
Group	: P1/P1_Inopportune/
Purpose	: Verify the IUT clears a Call Connected packet received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Accept START TD	ANSR_0 (LCI)	(PASS)	
3		+ P1_INOPP			
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? TIMEOUT TD		FAIL	
7		? OTHERWISE CANCEL TD		FAIL	

Table 543. Test Case Dynamic Behavior

Test Case Name	: P4_302
Group	: P1/P1_Inopportune/
Purpose	: Verify the IUT clears a Clear Confirm packet received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear_Confirmation START TD	CLRC_0 (LCI)	(PASS)	
3		+ P1_INOPP			
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? TIMEOUT TD		FAIL	
7		? OTHERWISE CANCEL TD		FAIL	

Table 544. Test Case Dynamic Behavior

Test Case Name	: P4_305
Group	: P1/P1_Inopportune/
Purpose	: Verify the IUT clears an Interrupt Confirmation packet received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Interrupt_Confirmation START TD	INTC_0 (LCI)	(PASS)	
3		+ P1_INOPP			
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? TIMEOUT TD		FAIL	
7		? OTHERWISE CANCEL TD		FAIL	

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Table 545. Test Case Dynamic Behavior

Test Case Name	: P4_306
Group	: P1/P1_Inopportune/
Purpose	: Verify the IUT clears a Receive Ready packet received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Receive_Ready START TD	RR_0 (LCI)	(PASS)	
3		+ P1_INOPP			
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? TIMEOUT TD		FAIL	
7		? OTHERWISE CANCEL TD		FAIL	

Table 546. Test Case Dynamic Behavior

Test Case Name	: P4_307
Group	: P1/P1_Inopportune/
Purpose	: Verify the IUT clears a Receive Not Ready packet received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Receive_Not_Ready START TD	RNR_0 (LCI)	(PASS)	
3		+ P1_INOPP			
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? TIMEOUT TD		FAIL	
7		? OTHERWISE CANCEL TD		FAIL	

Table 547. Test Case Dynamic Behavior

Test Case Name	: P4_308
Group	: P1/P1_Inopportune/
Purpose	: Verify the IUT clears a Reset Indication packet received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Reset START TD	RST_0 (LCI)	(PASS)	
3		+ P1_INOPP			
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? TIMEOUT TD		FAIL	
7		? OTHERWISE CANCEL TD		FAIL	

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Table 548. Test Case Dynamic Behavior

Test Case Name	: P4_309
Group	: P1/P1_Inopportune/
Purpose	: Verify the IUT clears a Reset Confirmation packet received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Reset_Confirmation START TD	RSTC_0 (LCI)	(PASS)	
3		+ P1_INOPP			
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? TIMEOUT TD		FAIL	
7		? OTHERWISE CANCEL TD		FAIL	

Table 549. Test Case Dynamic Behavior

Test Case Name	: P4_310
Group	: P1/P1_Inopportune/
Purpose	: Verify the IUT clears an Interrupt packet received in state P1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Interrupt START TD	INT_0 (LCI)	(PASS)	
3		+ P1_INOPP			
4		+ R1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? TIMEOUT TD		FAIL	
7		? OTHERWISE CANCEL TD		FAIL	

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7.21 Verification of call request state P2

Table 550. Test Case Dynamic Behavior

Test Case Name : P5_101
Group : P2/P2_Proper/
Purpose : Verify the IUT correctly handles an Incoming Call received in state P2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Call START TD	CALL_0 (LCI)	(PASS)	
4		? TIMEOUT TD			4
5		+ P2_POSTAMBLE			
6		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 551. Test Case Dynamic Behavior

Test Case Name : P5_103
Group : P2/P2_Proper/
Purpose : Verify the IUT accepts a Call Connected packet while in state P2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Accept	ANSR_0 (LCI)	(PASS)	
4		+ P4_POSTAMBLE			

Table 552. Test Case Dynamic Behavior

Test Case Name : P5_104
Group : P2/P2_Proper/
Purpose : Verify the IUT confirms a Clear with cause code of '01'H received in state P2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Clear START TD	CLR_C01 (LCI)		
4		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
7		+ GEN1_POSTAMBLE			
8		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
9		+ GEN2_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL TD		FAIL	

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Table 553. Test Case Dynamic Behavior

Test Case Name	: P5_105
Group	: P2/P2_Proper/
Purpose	: Verify the IUT confirms a Clear with cause code of '05'H received in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Clear START TD	CLR_C05 (LCI)		
4		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
7		+ GEN1_POSTAMBLE			
8		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
9		+ GEN2_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL TD		FAIL	

Table 554. Test Case Dynamic Behavior

Test Case Name	: P5_106
Group	: P2/P2_Proper/
Purpose	: Verify the IUT confirms a Clear with cause code of '11' H received in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Clear START TD	CLR_C11 (LCI)		
4		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
7		+ GEN1_POSTAMBLE			
8		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
9		+ GEN2_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

11 No response

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Table 555. Test Case Dynamic Behavior

Test Case Name : P5_107
Group : P2/P2_Proper/
Purpose : Verify the IUT confirms a Clear with cause code of '13'H received in state P2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Clear START TD	CLR_C13 (LCI)		
4		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
7		+ GEN1_POSTAMBLE			
8		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
9		+ GEN2_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

11 No response

Table 556. Test Case Dynamic Behavior

Test Case Name : P5_108
Group : P2/P2_Proper/
Purpose : Verify the IUT confirms a Clear with cause code of '21'H received in state P2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Clear START TD	CLR_C21 (LCI)		
4		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
7		+ GEN1_POSTAMBLE			
8		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
9		+ GEN2_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

11 No response

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Table 557. Test Case Dynamic Behavior

Test Case Name	: P5_201
Group	: P2/P2_Improper/
Purpose	: Verify the IUT clears a packet of length two octets received in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	ERR_SHT (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

11 No response

Table 558. Test Case Dynamic Behavior

Test Case Name	: P5_202
Group	: P2/P2_Improper/
Purpose	: Verify the IUT clears a packet with an undefined PTI field received in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	ERR_B (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

11 No response

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Table 559. Test Case Dynamic Behavior

Test Case Name	: P5_203
Group	: P2/P2_Improper/
Purpose	: Verify the IUT clears a Restart Indication with LCI < > 0 received in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Restart START TD	STRT_NZ (LCI)		3
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 Invalid Restart Indication
11 No response

Table 560. Test Case Dynamic Behavior

Test Case Name	: P5_204
Group	: P2/P2_Improper/
Purpose	: Verify the IUT clears a Restart Confirmation with LCI < > 0 received in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Restart_Confirmation START TD	STRTC_NZ (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

11 No response

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Table 561. Test Case Dynamic Behavior

Test Case Name : P5_205
Group : P2/P2_Improper/
Purpose : Verify the IUT clears or discards a too short Incoming Call received in state P2.
Default :
Comments : This test case uses an improperly formatted Incoming Call packet to create a Call Collision.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	CALL_SHT (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
5		+ GEN1_POSTAMBLE			
6		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
7		+ GEN2_POSTAMBLE			
8		? TIMEOUT TD			8
9		! Clear START TD	CLR_0 (LCI)		
10		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
11		+ R1_POSTAMBLE			
12		+ RSTRT_UNEXPECTED			
13		? TIMEOUT TD		FAIL	13
14		? OTHERWISE CANCEL TD		FAIL	
15		+ RSTRT_UNEXPECTED			
16		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

8 No response
13 No response

Table 562. Test Case Dynamic Behavior

Test Case Name : P5_206
Group : P2/P2_Improper/
Purpose : Verify the IUT clears or discards a too long Incoming Call packet (user data field of 17 or 129 octets) received in state P2.
Default :
Comments : This test case uses an improperly formatted Incoming Call packet to create a call collision.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		[FAST_SELECT = TRUE]			
4		! Call START TD	CALL_U129 (LCI)		4
5		+ P5_206_SUBTREE			
6		[FAST_SELECT = FALSE]			
7		! Call START TD	CALL_U17 (LCI)		7
8		+ P5_206_SUBTREE			

Detailed Comments:

4 Fast Select is supported and in use, then send 129 octets of Call User Data
7 Fast Select is not supported or not in use, then send 1 octet of Call User Data

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Table 563. Test Case Dynamic Behavior

Test Case Name : P5_207
Group : P2/P2_Improper/
Purpose : Verify the IUT clears a too long Call Connected packet (user date field of 1 or 129 octets) received in state P2.
Default :
Comments : IUTs using Fast Select but which require Fast Select with Restriction on Response, maybe unable to pass this test.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		[FAST_SELECT = TRUE]			
4		! Accept START TD	ANSR_OU129 (LCI)		4
5		+ P5_207_SUBTREE			
6		[FAST_SELECT = FALSE]			
7		! Accept START TD	ANSR_0U1 (LCI)		7
8		+ P5_207_SUBTREE			

Detailed Comments:

4 Fast Select is supported and in use, then send 129 octets of Call User Data
7 Fast Select is not supported or not in use, then send 1 octet of Call User Data

Table 564. Test Case Dynamic Behavior

Test Case Name : P5_208
Group : P2/P2_Improper/
Purpose : Verify the IUT clears a too short Clear Indication packet (no cause code or diagnostic code) received in state P2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Clear START TD	CLR_SHT (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL TD		FAIL	

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Table 565. Test Case Dynamic Behavior

Test Case Name : P5_209
Group : P2/P2_Improper/
Purpose : Verify the IUT clears a too long Clear Indication packet received in state P2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Clear START TD	CLR_LNG (LCI)		
4		? Clear [((((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

11 No response

Table 566. Test Case Dynamic Behavior

Test Case Name : P5_210
Group : P2/P2_Improper/
Purpose : Verify the IUT clears a too long Clear Confirmation packet received in state P2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Clear_Confirmation_Error START TD	CLRC_U110 (LCI)		
4		? Clear [((((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 21) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 21) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause .dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

11 No response

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Table 567. Test Case Dynamic Behavior

Test Case Name	: P5_301
Group	: P2/P2_Inopportune/
Purpose	: Verify the IUT clears a Clear Confirmation packet with valid Logical Channel Identifier while in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Clear_Confirmation START TD	CLRC_0 (LCI)	(PASS)	
4		+ P2_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	
8		? OTHERWISE CANCEL TD		FAIL	

Table 568. Test Case Dynamic Behavior

Test Case Name	: P5_302
Group	: P2/P2_Inopportune/
Purpose	: Verify the IUT clears a Data packet with valid Logical Channel Identifier while in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Data START TD	D_ONE (LCI)	(PASS)	
4		+ P2_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	
8		? OTHERWISE CANCEL TD		FAIL	

Table 569. Test Case Dynamic Behavior

Test Case Name	: P5_303
Group	: P2/P2_Inopportune/
Purpose	: Verify the IUT clears an Interrupt packet with valid Logical Channel Identifier while in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Interrupt START TD	INT_0 (LCI)	(PASS)	
4		+ P2_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	
8		? OTHERWISE CANCEL TD		FAIL	

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Table 570. Test Case Dynamic Behavior

Test Case Name	: P5_304
Group	: P2/P2_Inopportune/
Purpose	: Verify the IUT clears an Interrupt Confirmation packet with valid Logical Channel Identifier while in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Interrupt_Confirmation START TD	INTC_0 (LCI)	(PASS)	
4		+ P2_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	
8		? OTHERWISE CANCEL TD		FAIL	

Table 571. Test Case Dynamic Behavior

Test Case Name	: P5_305
Group	: P2/P2_Inopportune/
Purpose	: Verify the IUT clears an RR packet with valid Logical Channel Identifier while in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Receive_Ready START TD	RR_0 (LCI)	(PASS)	
4		+ P2_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	
8		? OTHERWISE CANCEL TD		FAIL	

Table 572. Test Case Dynamic Behavior

Test Case Name	: P5_306
Group	: P2/P2_Inopportune/
Purpose	: Verify the IUT clears an RNR packet with valid Logical Channel Identifier while in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Receive_Not_Ready START TD	RNR_0 (LCI)	(PASS)	
4		+ P2_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	
8		? OTHERWISE CANCEL TD		FAIL	

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Table 573. Test Case Dynamic Behavior

Test Case Name	: P5_307
Group	: P2/P2_Inopportune/
Purpose	: Verify the IUT clears an Reset packet with valid Logical Channel Identifier while in state P2 .
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Reset START TD	RST_0 (LCI)	(PASS)	
4		+ P2_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	
8		? OTHERWISE CANCEL TD		FAIL	

Table 574. Test Case Dynamic Behavior

Test Case Name	: P5_308
Group	: P2/P2_Inopportune/
Purpose	: Verify the IUT clears an Reset Confirm packet with valid Logical Channel Identifier while in state P2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P2_PREAMBLE			
3		! Reset_Confirmation START TD	RSTC_0 (LCI)	(PASS)	
4		+ P2_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	
8		? OTHERWISE CANCEL TD		FAIL	

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Table 575. Test Case Dynamic Behavior

Test Case Name	: P6_101
Group	: P3/P3_Proper/
Purpose	: Verify the IUT confirms a Clear with cause '01'H received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear START TD_RESP	CLR_C01 (LCI)		
5		? Clear_Confirmation CANCEL TD_RESP	CLRC_1 (LCI)	(PASS)	
6		+ R1_POSTAMBLE			
7		? Clear CANCEL TD_RESP	CLR_1 (LCI)	(PASS)	
8		+ R1_POSTAMBLE			
9		? Restart [RST_ON_ERR_C] CANCEL TD_RESP	STRT_1DTEA	(PASS)	
10		! Restart_Confirmation	STRTC		
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD_RESP		FAIL	
13		+ P3_UNEXPECTED			
14		+ P3_UNEXPECTED			

Table 576. Test Case Dynamic Behavior

Test Case Name	: P6_102
Group	: P3/P3_Proper/
Purpose	: Verify the IUT confirms a Clear with cause '05'H received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear START TD_RESP	CLR_C05 (LCI)		
5		? Clear_Confirmation CANCEL TD_RESP	CLRC_1 (LCI)	(PASS)	
6		+ R1_POSTAMBLE			
7		? Clear CANCEL TD_RESP	CLR_1 (LCI)	(PASS)	
8		+ R1_POSTAMBLE			
9		? Restart [RST_ON_ERR_C] CANCEL TD_RESP	STRT_1DTEA	(PASS)	
10		! Restart_Confirmation	STRTC		
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD_RESP		FAIL	
13		+ P3_UNEXPECTED			
14		+ P3_UNEXPECTED			

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Table 577. Test Case Dynamic Behavior

Test Case Name	: P6_103
Group	: P3/P3_Proper/
Purpose	: Verify the IUT confirms a Clear with cause '11'H received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear START TD_RESP	CLR_C11 (LCI)		
5		? Clear_Confirmation CANCEL TD_RESP	CLRC_1 (LCI)	(PASS)	
6		+ R1_POSTAMBLE			
7		? Clear CANCEL TD_RESP	CLR_1 (LCI)	(PASS)	
8		+ R1_POSTAMBLE			
9		? Restart [RST_ON_ERR_C] CANCEL TD_RESP	STRT_1DTEA	(PASS)	
10		! Restart_Confirmation	STRTC		
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD_RESP		FAIL	
13		+ P3_UNEXPECTED			
14		+ P3_UNEXPECTED			

Table 578. Test Case Dynamic Behavior

Test Case Name	: P6_104
Group	: P3/P3_Proper/
Purpose	: Verify the IUT confirms a Clear with cause '13'H received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear START TD_RESP	CLR_C13 (LCI)		
5		? Clear_Confirmation CANCEL TD_RESP	CLRC_1 (LCI)	(PASS)	
6		+ R1_POSTAMBLE			
7		? Clear CANCEL TD_RESP	CLR_1 (LCI)	(PASS)	
8		+ R1_POSTAMBLE			
9		? Restart [RST_ON_ERR_C] CANCEL TD_RESP	STRT_1DTEA	(PASS)	
10		! Restart_Confirmation	STRTC		
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD_RESP		FAIL	
13		+ P3_UNEXPECTED			
14		+ P3_UNEXPECTED			

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Table 579. Test Case Dynamic Behavior

Test Case Name	: P6_105
Group	: P3/P3_Proper/
Purpose	: Verify the IUT confirms a Clear with cause '21'H received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear START TD_RESP	CLR_C21 (LCI)		
5		? Clear_Confirmation CANCEL TD_RESP	CLRC_1 (LCI)	(PASS)	
6		+ R1_POSTAMBLE			
7		? Clear CANCEL TD_RESP	CLR_1 (LCI)	(PASS)	
8		+ R1_POSTAMBLE			
9		? Restart [RST_ON_ERR_C] CANCEL TD_RESP	STRT_1DTEA	(PASS)	
10		! Restart_Confirmation	STRTC		
11		+ R1_POSTAMBLE			
12		? TIMEOUT TD_RESP		FAIL	
13		+ P3_UNEXPECTED			
14		+ P3_UNEXPECTED			

Table 580. Test Case Dynamic Behavior

Test Case Name	: P6_201
Group	: P3/P3_Improper/
Purpose	: Verify the IUT clears a too short packet with length two octets received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Unformatted_Packet_Error_Type START TD_RESP	ERR_SHT (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P3_UNEXPECTED			
11		+ P3_UNEXPECTED			

Detailed Comments:

5 No information, not allowed, unidentifiable, too short

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Table 581. Test Case Dynamic Behavior

Test Case Name : P6_202
Group : P3/P3_Improper/
Purpose : Verify the IUT clears a packet of undefined type received in state P3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Unformatted_Packet_Error_Type START TD_RESP	ERR_B (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P3_UNEXPECTED			
11		+ P3_UNEXPECTED			

Detailed Comments:

5 No information, not allowed, not identifiable

Table 582. Test Case Dynamic Behavior

Test Case Name : P6_203
Group : P3/P3_Improper/
Purpose : Verify the IUT clears a Restart packet on an assigned LCI not equal to zero received in state P3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Restart START TD_RESP	STRT_NZ (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P3_UNEXPECTED			
11		+ P3_UNEXPECTED			

Detailed Comments:

5 No information, not allowed, non-zero lci

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Table 583. Test Case Dynamic Behavior

Test Case Name : P6_204
Group : P3/P3_Improper/
Purpose : Verify the IUT clears a Restart Confirmation packet on an assigned LCI not equal to zero received in state P3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Restart_Confirmation START TD_RESP	STRTC_NZ (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P3_UNEXPECTED			
11		+ P3_UNEXPECTED			

Detailed Comments:

5 No information, not allowed, non-zero lci

Table 584. Test Case Dynamic Behavior

Test Case Name : P6_205
Group : P3/P3_Improper/
Purpose : Verify the IUT clears a too short Incoming Call packet received in state P3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Unformatted_Packet_Error_Type START TD_RESP	CALL_SHT (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 22) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 22) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P3_UNEXPECTED			
11		+ P3_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for start p3, packet not allowed, packet too short

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Table 585. Test Case Dynamic Behavior

Test Case Name : P6_206
Group : P3/P3_Improper/
Purpose : Verify the IUT clears a too long Incoming Call packet (user data field of 17 or 129 octets) received in state P3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		[FAST_SELECT = TRUE]			
5		! Call START TD_RESP	CALL_U129 (LCI)		5
6		+ P6_206_SUBTREE			
7		[FAST_SELECT = FALSE]			
8		! Call START TD_RESP	CALL_U17 (LCI)		8
9		+ P6_206_SUBTREE			
10		+ P3_UNEXPECTED			

Detailed Comments:

5 Fast Select is supported and in use, then send 129 octets of user data
8 Fast Select is not supported or not in use, then send 17 octets of user data

Table 586. Test Case Dynamic Behavior

Test Case Name : P6_207
Group : P3/P3_Improper/
Purpose : Verify the IUT clears a too long Call Connected packet (user data field of 1 or 129 octets) received in state P3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		[FAST_SELECT = TRUE]			
5		! Accept START TD_RESP	ANSR_OU129 (LCI)		5
6		+ P6_207_SUBTREE			
7		[FAST_SELECT = FALSE]			
8		! Accept START TD_RESP	ANSR_0U1 (LCI)		8
9		+ P6_207_SUBTREE			
10		+ P3_UNEXPECTED			

Detailed Comments:

5 Fast Select is supported and in use, then send 129 octets of user data
8 Fast Select is not supported or not in use, then send 1 octet of user data

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Table 587. Test Case Dynamic Behavior

Test Case Name	: P6_208
Group	: P3/P3_Improper/
Purpose	: Verify the IUT clears a too short Clear Indication packet (no cause code or diagnostic code fields) received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear START TD_RESP	CLR_SHT (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P3_UNEXPECTED			
11		+ P3_UNEXPECTED			

Detailed Comments:

5 No information, not allowed, too short

Table 588. Test Case Dynamic Behavior

Test Case Name	: P6_209
Group	: P3/P3_Improper/
Purpose	: Verify the IUT clears a too long Clear Indication packet received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear START TD_RESP	CLR_LNG (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P3_UNEXPECTED			
11		+ P3_UNEXPECTED			

Detailed Comments:

5 No information, not allowed, too long

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Table 589. Test Case Dynamic Behavior

Test Case Name : P6_210
Group : P3/P3_Improper/
Purpose : Verify the IUT clears a too long Clear Confirmation packet (110 octets appended to the end of the packet) received in state P3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear_Confirmation_Error START TD_RESP	CLRC_U110 (LCI)		
5		? Clear [((((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 22) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 22) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P3_UNEXPECTED			
11		+ P3_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for state P3, not allowed, too long

Table 590. Test Case Dynamic Behavior

Test Case Name : P6_301
Group : P3/P3_Inopportune/
Purpose : Verify the IUT clears an Incoming Call received in state P3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Call START TD_RESP	CALL_0 (LCI)	(PASS)	
5		+ P3_INOPP			
6		+ R1_POSTAMBLE			
7		? TIMEOUT TD_RESP		FAIL	
8		+ P3_UNEXPECTED			
9		+ P3_UNEXPECTED			

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Table 591. Test Case Dynamic Behavior

Test Case Name	: P6_303
Group	: P3/P3_Inopportune/
Purpose	: Verify the IUT clears a Call Connected packet received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Accept START TD_RESP	ANSR_0 (LCI)	(PASS)	
5		+ P3_INOPP			
6		+ R1_POSTAMBLE			
7		? TIMEOUT TD_RESP		FAIL	
8		+ P3_UNEXPECTED			
9		+ P3_UNEXPECTED			

Table 592. Test Case Dynamic Behavior

Test Case Name	: P6_304
Group	: P3/P3_Inopportune/
Purpose	: Verify the IUT clears a Clear Confirmation packet received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear_Confirmation START TD_RESP	CLRC_0 (LCI)	(PASS)	
5		+ P3_INOPP			
6		+ R1_POSTAMBLE			
7		? TIMEOUT TD_RESP		FAIL	
8		+ P3_UNEXPECTED			
9		+ P3_UNEXPECTED			

Table 593. Test Case Dynamic Behavior

Test Case Name	: P6_305
Group	: P3/P3_Inopportune/
Purpose	: Verify the IUT clears a Data packet received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Data START TD_RESP	D_ONE (LCI)	(PASS)	
5		+ P3_INOPP			
6		+ R1_POSTAMBLE			
7		? TIMEOUT TD_RESP		FAIL	
8		+ P3_UNEXPECTED			
9		+ P3_UNEXPECTED			

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Table 594. Test Case Dynamic Behavior

Test Case Name	: P6_306
Group	: P3/P3_Inopportune/
Purpose	: Verify the IUT clears an Interrupt packet received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Interrupt	INT_0 (LCI)	(PASS)	
5		+ P3_INOPP			
6		+ R1_POSTAMBLE			
7		? TIMEOUT TD_RESP		FAIL	
8		+ P3_UNEXPECTED			
9		+ P3_UNEXPECTED			

Table 595. Test Case Dynamic Behavior

Test Case Name	: P6_307
Group	: P3/P3_Inopportune/
Purpose	: Verify the IUT clears an Interrupt Confirm received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Interrupt_Confirmation	INTC_0 (LCI)	(PASS)	
5		+ P3_INOPP			
6		+ R1_POSTAMBLE			
7		? TIMEOUT TD_RESP		FAIL	
8		+ P3_UNEXPECTED			
9		+ P3_UNEXPECTED			

Table 596. Test Case Dynamic Behavior

Test Case Name	: P6_308
Group	: P3/P3_Inopportune/
Purpose	: Verify the IUT clears an RR packet received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Receive_Ready	RR_0 (LCI)	(PASS)	
5		+ P3_INOPP			
6		+ R1_POSTAMBLE			
7		? TIMEOUT TD_RESP		FAIL	
8		+ P3_UNEXPECTED			
9		+ P3_UNEXPECTED			

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Table 597. Test Case Dynamic Behavior

Test Case Name	: P6_309
Group	: P3/P3_Inopportune/
Purpose	: Verify the IUT clears an RNR packet received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Receive_Not_Ready	RNR_0 (LCI)	(PASS)	
5		+ P3_INOPP			
6		+ R1_POSTAMBLE			
7		? TIMEOUT TD_RESP		FAIL	
8		+ P3_UNEXPECTED			
9		+ P3_UNEXPECTED			

Table 598. Test Case Dynamic Behavior

Test Case Name	: P6_310
Group	: P3/P3_Inopportune/
Purpose	: Verify the IUT clears a Reset Indication received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Reset	RST_0 (LCI)	(PASS)	
5		+ P3_INOPP			
6		+ R1_POSTAMBLE			
7		? TIMEOUT TD_RESP		FAIL	
8		+ P3_UNEXPECTED			
9		+ P3_UNEXPECTED			

Table 599. Test Case Dynamic Behavior

Test Case Name	: P6_311
Group	: P3/P3_Inopportune/
Purpose	: Verify the IUT clears a Reset Confirmation received in state P3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD_RESP	CALL_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Reset_Confirmation	RSTC_0 (LCI)	(PASS)	
5		+ P3_INOPP			
6		+ R1_POSTAMBLE			
7		? TIMEOUT TD_RESP		FAIL	
8		+ P3_UNEXPECTED			
9		+ P3_UNEXPECTED			

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7.23 Verification of data transfer state P4

Table 600. Test Case Dynamic Behavior

Test Case Name	: P7_101
Group	: P4/P4_Proper/
Purpose	: Verify the IUT acknowledges a Clear with cause code '01'H received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Clear START TD	CLR_C01 (LCI)		
4	L1	? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
9		! Restart_Confirmation	STRTC		
10		+ R1_POSTAMBLE			
11		+ D1A_UNEXPECTED			
12		GOTO L1			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	
15		? OTHERWISE CANCEL TD		FAIL	

Table 601. Test Case Dynamic Behavior

Test Case Name	: P7_102
Group	: P4/P4_Proper/
Purpose	: Verify the IUT acknowledges a Clear with cause code '05'H received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Clear START TD	CLR_C05 (LCI)		
4	L1	? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
9		! Restart_Confirmation	STRTC		
10		+ R1_POSTAMBLE			
11		+ D1A_UNEXPECTED			
12		GOTO L1			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	
15		? OTHERWISE CANCEL TD		FAIL	

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Table 602. Test Case Dynamic Behavior

Test Case Name	: P7_103
Group	: P4/P4_Proper/
Purpose	: Verify the IUT acknowledges a Clear with cause code '11'H received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Clear START TD	CLR_C11 (LCI)		
4	L1	? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
9		! Restart_Confirmation	STRTC		
10		+ R1_POSTAMBLE			
11		+ D1A_UNEXPECTED			
12		GOTO L1			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	
15		? OTHERWISE CANCEL TD		FAIL	

Table 603. Test Case Dynamic Behavior

Test Case Name	: P7_104
Group	: P4/P4_Proper/
Purpose	: Verify the IUT acknowledges a Clear with cause code '13'H received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Clear START TD	CLR_C13 (LCI)		
4	L1	? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
9		! Restart_Confirmation	STRTC		
10		+ R1_POSTAMBLE			
11		+ D1A_UNEXPECTED			
12		GOTO L1			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	
15		? OTHERWISE CANCEL TD		FAIL	

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Table 604. Test Case Dynamic Behavior

Test Case Name	: P7_105
Group	: P4/P4_Proper/
Purpose	: Verify the IUT acknowledges a Clear with cause code '21'H received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Clear START TD	CLR_C21 (LCI)		
4	L1	? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
9		! Restart_Confirmation	STRTC		
10		+ R1_POSTAMBLE			
11		+ D1A_UNEXPECTED			
12		GOTO L1			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	
15		? OTHERWISE CANCEL TD		FAIL	

Table 605. Test Case Dynamic Behavior

Test Case Name	: P7_201
Group	: P4/P4_Improper/
Purpose	: Verify the IUT clears a too short Incoming Call packet received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	CALL_SHT (LCI)		
4	L1	? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 23) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 23) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ D1A_UNEXPECTED			
11		GOTO L1			
12		+ RSTRT_UNEXPECTED			
13		? TIMEOUT TD		FAIL	
14		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 Normal clear, packet type invalid, invalid for P4, not allowed, too short

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Table 606. Test Case Dynamic Behavior

Test Case Name	: P7_202
Group	: P4/P4_Improper/
Purpose	: Verify the IUT clears a too long Incoming Call packet (user data field of 17 or 129 octets) received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		[FAST_SELECT = TRUE]			
4		! Call START TD	CALL_U129 (LCI)		4
5		+ P7_202_SUBTREE			
6		[FAST_SELECT = FALSE]			
7		! Call START TD	CALL_U17 (LCI)		7
8		+ P7_202_SUBTREE			

Detailed Comments:

4 Fast Select is supported and in use, then send 129 octets of user data
7 Fast Select is not supported or not in use, then send 17 octets of user data

Table 607. Test Case Dynamic Behavior

Test Case Name	: P7_203
Group	: P4/P4_Improper/
Purpose	: Verify the IUT clears a too long Call Connected packet (user data field of 1 or 129 octets) received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		[FAST_SELECT = TRUE]			
4		! Accept START TD	ANSR_OU129 (LCI)		4
5		+ P7_203_SUBTREE			
6		[FAST_SELECT = FALSE]			
7		! Accept START TD	ANSR_0U1 (LCI)		7
8		+ P7_203_SUBTREE			

Detailed Comments:

4 Fast Select is supported and in use, then send 129 octets of user data
7 Fast Select is not supported or not in use, then send 1 octets of user data

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Table 608. Test Case Dynamic Behavior

Test Case Name	: P7_204
Group	: P4/P4_Improper/
Purpose	: Verify the IUT clears a too short Clear Indication packet (no cause code or diagnostic code fields) received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Clear START TD	CLR_SHT (LCI)		
4	L1	? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear .clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart .diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ D1A_UNEXPECTED			
11		GOTO L1			
12		+ RSTRT_UNEXPECTED			
13		? TIMEOUT TD		FAIL	
14		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, packet not allowed, packet too short

Table 609. Test Case Dynamic Behavior

Test Case Name	: P7_205
Group	: P4/P4_Improper/
Purpose	: Verify the IUT clears a too long Clear Indication packet received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Clear START TD	CLR_LNG (LCI)		
4	L1	? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear .clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart .diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ D1A_UNEXPECTED			
11		GOTO L1			
12		+ RSTRT_UNEXPECTED			
13		? TIMEOUT TD		FAIL	
14		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, packet not allowed, packet too long

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Table 610. Test Case Dynamic Behavior

Test Case Name	: P7_206
Group	: P4/P4_Improper/
Purpose	: Verify the IUT clears a too long Clear Confirmation packet (110 octets appended to the end of the packet) received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Clear_Confirmation_Error START TD	CLRC_U110 (LCI)		
4	L1	? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code= 23) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 23) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ D1A_UNEXPECTED			
11		GOTO L1			
12		+ RSTRT_UNEXPECTED			
13		? TIMEOUT TD		FAIL	
14		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, packet type invalid, invalid for P4, not allowed, too long

Table 611. Test Case Dynamic Behavior

Test Case Name	: P7_301
Group	: P4/P4_Inopportune/
Purpose	: Verify the IUT clears an Incoming Call packet received in state P4.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Call START TD	CALL_0 (LCI)		
4	L1	? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 23))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 23))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ D1A_UNEXPECTED			
11		GOTO L1			
12		+ RSTRT_UNEXPECTED			
13		? TIMEOUT TD		FAIL	
14		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 Normal clear, packet type invalid, invalid for P4

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Table 612. Test Case Dynamic Behavior

Test Case Name : P7_303
Group : P4/P4_Inopportune/
Purpose : Verify the IUT clears a Call Connected packet received in state P4.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Accept START TD	ANSR_0 (LCI)		
4	L1	? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 23))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 23))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ D1A_UNEXPECTED			
11		GOTO L1			
12		+ RSTRT_UNEXPECTED			
13		? TIMEOUT TD		FAIL	
14		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 Normal clear, packet type invalid, invalid for P4

Table 613. Test Case Dynamic Behavior

Test Case Name : P7_304
Group : P4/P4_Inopportune/
Purpose : Verify the IUT clears a Clear Confirmation packet received in state P4.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P4D1_PREAMBLE			
3		! Clear_Confirmation START TD	CLRC_0 (LCI)		
4	L1	? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 23))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 23))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ D1A_UNEXPECTED			
11		GOTO L1			
12		+ RSTRT_UNEXPECTED			
13		? TIMEOUT TD		FAIL	
14		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 Normal clear, packet type invalid, invalid for P4

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7.24 Verification of call collision state P5

Table 614. Test Case Dynamic Behavior

Test Case Name	: P8_101
Group	: P5/P5_Proper/
Purpose	: Verify P5 to P4 transition using a Call Connected packet.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Accept START TD	ANSR_0 (LCI)		
4	L1	? TIMEOUT TD		(PASS)	4
5		+ P4_POSTAMBLE			
6		+ D1A_UNEXPECTED			
7		GOTO L1			
8		+ CLR_UNEXPECTED			
9		+ RSTRT_UNEXPECTED			
10		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response from the IUT, the IUT is in Data Transfer state P4

Table 615. Test Case Dynamic Behavior

Test Case Name	: P8_102
Group	: P5/P5_Proper/
Purpose	: Verify the IUT confirms a Clear with cause '01'H received in state P5.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Clear START TD	CLR_C01 (LCI)		
4		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
7		! Restart_Confirmation	STRTC		
8		+ R1_POSTAMBLE			
9		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
10		+ R1_POSTAMBLE			
11		+ RSTRT_UNEXPECTED			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL TD		FAIL	

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Table 616. Test Case Dynamic Behavior

Test Case Name : P8_103
Group : P5/P5_Proper/
Purpose : Verify the IUT confirms a Clear with cause '05'H received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Clear START TD	CLR_C05 (LCI)		
4		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
7		! Restart_Confirmation	STRTC		
8		+ R1_POSTAMBLE			
9		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
10		+ R1_POSTAMBLE			
11		+ RSTRT_UNEXPECTED			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL TD		FAIL	

Table 617. Test Case Dynamic Behavior

Test Case Name : P8_104
Group : P5/P5_Proper/
Purpose : Verify the IUT confirms a Clear with cause '11'H received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Clear START TD	CLR_C11 (LCI)		
4		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
7		! Restart_Confirmation	STRTC		
8		+ R1_POSTAMBLE			
9		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
10		+ R1_POSTAMBLE			
11		+ RSTRT_UNEXPECTED			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL TD		FAIL	

Table 618. Test Case Dynamic Behavior

Test Case Name : P8_105
Group : P5/P5_Proper/
Purpose : Verify the IUT confirms a Clear with cause '13'H received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Clear START TD	CLR_C13 (LCI)		
4		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
7		! Restart_Confirmation	STRTC		
8		+ R1_POSTAMBLE			
9		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
10		+ R1_POSTAMBLE			
11		+ RSTRT_UNEXPECTED			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL TD		FAIL	

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Table 619. Test Case Dynamic Behavior

Test Case Name : P8_106
Group : P5/P5_Proper/
Purpose : Verify the IUT confirms a Clear with cause '21'H received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Clear START TD	CLR_C21 (LCI)		
4		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
5		+ R1_POSTAMBLE			
6		? Restart [RST_ON_ERR_C] CANCEL TD	STRT_1DTEA	(PASS)	
7		! Restart_Confirmation	STRTC		
8		+ R1_POSTAMBLE			
9		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
10		+ R1_POSTAMBLE			
11		+ RSTRT_UNEXPECTED			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL TD		FAIL	

Table 620. Test Case Dynamic Behavior

Test Case Name : P8_201
Group : P5/P5_Improper/
Purpose : Verify the IUT clears a too short packet (PTI field is NIL) received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	ERR_SHT (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, unidentifiable, too short
11 No response

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Table 621. Test Case Dynamic Behavior

Test Case Name : P8_202
Group : P5/P5_Improper/
Purpose : Verify the IUT clears a packet of undefined type (PTI equal '0D'H) received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	ERR_B (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, packet type invalid, invalid for p5, not allowed, unidentifiable
11 No response

Table 622. Test Case Dynamic Behavior

Test Case Name : P8_203
Group : P5/P5_Improper/
Purpose : Verify the IUT clears a Restart packet on an assigned LCI not equal to zero received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Restart START TD	STRT_NZ (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		+ GEN1_POSTAMBLE			
6		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
7		+ GEN2_POSTAMBLE			
8		+ RSTRT_UNEXPECTED			
9		? TIMEOUT TD		FAIL	9
10		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, non-zero lci
9 No response

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Table 623. Test Case Dynamic Behavior

Test Case Name	: P8_204
Group	: P5/P5_Improper/
Purpose	: Verify the IUT clears a Restart Confirmation packet on an assigned LCI not equal to zero received in state P5.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Restart_Confirmation START TD	STRTC_NZ (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		+ GEN1_POSTAMBLE			
6		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	6
7		+ GEN2_POSTAMBLE			
8		+ RSTRT_UNEXPECTED			
9		? TIMEOUT TD		FAIL	9
10		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information field, not allowed, non-zero lci
6 No information field, not allowed, non-zero lci
9 No response

Table 624. Test Case Dynamic Behavior

Test Case Name	: P8_205
Group	: P5/P5_Improper/
Purpose	: Verify the IUT clears a too short Incoming Call packet (no called address field) received in state P5.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	CALL_SHT (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 24) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart .diagnostic_code = 24) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information field, packet type invalid, invalid for P5, not allowed, too short
11 No response

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Table 625. Test Case Dynamic Behavior

Test Case Name : P8_206
Group : P5/P5_Improper/
Purpose : Verify the IUT clears or discards a too long Incoming Call packet (user data field of 17 or 129 octets) received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		[FAST_SELECT = TRUE]			
4		! Call START TD	CALL_U129 (LCI)		4
5		+ P8_206_SUBTREE			
6		[FAST_SELECT = FALSE]			
7		! Call START TD	CALL_U17 (LCI)		7
8		+ P8_206_SUBTREE			

Detailed Comments:

4 Fast Select is supported and in use, then send 129 octets of user data
7 Fast Select is not supported or not in use, then send 1 octet of user data

Table 626. Test Case Dynamic Behavior

Test Case Name : P8_207
Group : P5/P5_Improper/
Purpose : Verify the IUT clears a too long Call Connected packet (user data field of 1 or 129 octets) received in state P5.
Default :
Comments : IUTs using Fast Select but which require Fast Select with Restriction on Response, may be unable to pass this test case.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		[FAST_SELECT = TRUE]			
4		! Accept START TD	ANSR_OU129 (LCI)		4
5		+ P8_207_SUBTREE			
6		[FAST_SELECT = FALSE]			
7		! Accept START TD	ANSR_0U1 (LCI)		7
8		+ P8_207_SUBTREE			

Detailed Comments:

4 Fast Select is supported and in use, then send 129 octets of user data
7 Fast Select is not supported or not in use, then send 1 octet of user data

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Table 627. Test Case Dynamic Behavior

Test Case Name	: P8_208
Group	: P5/P5_Improper/
Purpose	: Verify the IUT clears a too short Clear Indication packet (no cause or diagnostic code fields) received in state P5.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Clear START TD	CLR_SHT (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	11
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, packet not allowed, too short

11 No response

Table 628. Test Case Dynamic Behavior

Test Case Name	: P8_209
Group	: P5/P5_Improper/
Purpose	: Verify the IUT clears a too long Clear Indication packet received in state P5.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Clear START TD	CLR_LNG (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39) OR (Clear.diagnostic_code = 42))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		! Clear_Confirmation	CLRC_0 (LCI)		
6		+ R1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart .diagnostic_code = 39) OR (Restart.diagnostic_code = 42))) OR (Restart.restarting_cause .dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		! Restart_Confirmation	STRTC		
9		+ R1_POSTAMBLE			
10		+ RSTRT_UNEXPECTED			
11		? TIMEOUT TD		FAIL	
12		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, packet not allowed, packet too long, packet type not compatible with facility

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Table 629. Test Case Dynamic Behavior

Test Case Name : P8_210
Group : P5/P5_Improper/
Purpose : Verify the IUT clears a too long Clear Confirmation packet (1 or 110 octets appended to the end of the packet) received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		[CCITT_80]			
4		! Clear_Confirmation_Error START TD	CLRC_U1 (LCI)		4
5		+ P8_210_SUBTREE			
6		[(CCITT_84) OR (ISO)]			
7		! Clear_Confirmation_Error START TD	CLRC_U110 (LCI)		7
8		+ P8_210_SUBTREE			

Detailed Comments:

4 Basic Format Clear Confirmation plus 1 octet
7 Basic Format Clear Confirmation plus 110 octets

Table 630. Test Case Dynamic Behavior

Test Case Name : P8_301
Group : P5/P5_Inopportune/
Purpose : Verify the IUT clears an Incoming Call packet received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Call START TD	CALL_0 (LCI)	(PASS)	
4		+ P5_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

7 No response

Table 631. Test Case Dynamic Behavior

Test Case Name : P8_303
Group : P5/P5_Inopportune/
Purpose : Verify the IUT clears a Clear Confirmation received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Clear_Confirmation START TD	CLRC_0 (LCI)	(PASS)	
4		+ P5_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

7 No response

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Table 632. Test Case Dynamic Behavior

Test Case Name : P8_304
Group : P5/P5_Inopportune/
Purpose : Verify the IUT clears a Data packet received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Data START TD	D_ONE (LCI)	(PASS)	
4		+ P5_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

7 No response

Table 633. Test Case Dynamic Behavior

Test Case Name : P8_305
Group : P5/P5_Inopportune/
Purpose : Verify the IUT clears an Interrupt packet received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Interrupt START TD	INT_0 (LCI)	(PASS)	
4		+ P5_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	8

Detailed Comments:

7 No response
8 No response

Table 634. Test Case Dynamic Behavior

Test Case Name : P8_306
Group : P5/P5_Inopportune/
Purpose : Verify the IUT clears an Interrupt Confirmation packet received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Interrupt_Confirmation START TD	INTC_0 (LCI)	(PASS)	
4		+ P5_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

7 No response

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Table 635. Test Case Dynamic Behavior

Test Case Name	: P8_307
Group	: P5/P5_Inopportune/
Purpose	: Verify the IUT clears a Receive Ready (RR) packet received in state P5.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Receive_Ready START TD	RR_0 (LCI)	(PASS)	
4		+ P5_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

7 No response

Table 636. Test Case Dynamic Behavior

Test Case Name	: P8_308
Group	: P5/P5_Inopportune/
Purpose	: Verify the IUT clears a Receive Not Ready (RNR) packet received in state P5.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Receive_Not_Ready START TD	RNR_0 (LCI)	(PASS)	
4		+ P5_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

7 No response

Table 637. Test Case Dynamic Behavior

Test Case Name	: P8_309
Group	: P5/P5_Inopportune/
Purpose	: Verify the IUT clears a Reset Indication packet received in state P5.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Reset START TD	RST_0 (LCI)	(PASS)	
4		+ P5_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

7 No response

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Table 638. Test Case Dynamic Behavior

Test Case Name : P8_310
Group : P5/P5_Inopportune/
Purpose : Verify the IUT clears a Reset Confirmation packet received in state P5.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		+ P5_PREAMBLE			
3		! Reset_Confirmation START TD	RSTC_0 (LCI)	(PASS)	
4		+ P5_INOPP			
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

7 No response

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7.25 Verification of clear request state P6

Table 639. Test Case Dynamic Behavior

Test Case Name	: P9_101
Group	: P6/P6_Proper/
Purpose	: Verify the IUT accepts a clear with cause code '01'H received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6 7		+ P1_PREAMBLE (SVC) + P6_PREAMBLE ! Clear START TD ? TIMEOUT TD + R1_POSTAMBLE + RSTRT_UNEXPECTED ? OTHERWISE CANCEL TD	CLR_C01 (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

Table 640. Test Case Dynamic Behavior

Test Case Name	: P9_102
Group	: P6/P6_Proper/
Purpose	: Verify the IUT accepts a clear with cause code '05'H received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6 7		+ P1_PREAMBLE (SVC) + P6_PREAMBLE ! Clear START TD ? TIMEOUT TD + R1_POSTAMBLE + RSTRT_UNEXPECTED ? OTHERWISE CANCEL TD	CLR_C05 (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

Table 641. Test Case Dynamic Behavior

Test Case Name	: P9_103
Group	: P6/P6_Proper/
Purpose	: Verify the IUT accepts a clear with cause code '11'H received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6 7		+ P1_PREAMBLE (SVC) + P6_PREAMBLE ! Clear START TD ? TIMEOUT TD + R1_POSTAMBLE + RSTRT_UNEXPECTED ? OTHERWISE CANCEL TD	CLR_C11 (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

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Table 642. Test Case Dynamic Behavior

Test Case Name : P9_104
Group : P6/P6_Proper/
Purpose : Verify the IUT accepts a clear with cause code '13'H received in state P6.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Clear START TD	CLR_C13 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 643. Test Case Dynamic Behavior

Test Case Name : P9_105
Group : P6/P6_Proper/
Purpose : Verify the IUT accepts a clear with cause code '21'H received in state P6.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Clear START TD	CLR_C21 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 644. Test Case Dynamic Behavior

Test Case Name : P9_106
Group : P6/P6_Proper/
Purpose : Verify the IUT accepts a valid Clear Confirmation received in state P6.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Clear_Confirmation START TD	CLRC_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ R1_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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Table 645. Test Case Dynamic Behavior

Test Case Name	: P9_201
Group	: P6/P6_Improper/
Purpose	: Verify the IUT discards a too short (two octets) received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6 7		+ P1_PREAMBLE (SVC) + P6_PREAMBLE ! Unformatted_Packet_Error_Type START TD ? TIMEOUT TD + P6_POSTAMBLE + RSTRT_UNEXPECTED ? OTHERWISE CANCEL TD	ERR_SHT (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

Table 646. Test Case Dynamic Behavior

Test Case Name	: P9_202
Group	: P6/P6_Improper/
Purpose	: Verify the IUT discards an unidentifiable packet received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6 7		+ P1_PREAMBLE (SVC) + P6_PREAMBLE ! Unformatted_Packet_Error_Type START TD ? TIMEOUT TD + P6_POSTAMBLE + RSTRT_UNEXPECTED ? OTHERWISE CANCEL TD	ERR_B (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

Table 647. Test Case Dynamic Behavior

Test Case Name	: P9_203
Group	: P6/P6_Improper/
Purpose	: Verify the IUT discards Restart (LCI < > zero) received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6 7		+ P1_PREAMBLE (SVC) + P6_PREAMBLE ! Restart START TD ? TIMEOUT TD + P6_POSTAMBLE + RSTRT_UNEXPECTED ? OTHERWISE CANCEL TD	STRT_NZ (LCI)	(PASS) FAIL	4

Detailed Comments:

4 No response

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Table 648. Test Case Dynamic Behavior

Test Case Name	: P9_204
Group	: P6/P6_Improper/
Purpose	: Verify the IUT discards a Restart Confirmation (LCI < > zero) received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Restart_Confirmation START TD	STRTC_NZ (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 649. Test Case Dynamic Behavior

Test Case Name	: P9_205
Group	: P6/P6_Improper/
Purpose	: Verify the IUT discards a too short Incoming Call (no called address field) received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	CALL_SHT (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

Table 650. Test Case Dynamic Behavior

Test Case Name	: P9_206
Group	: P6/P6_Improper/
Purpose	: Verify the IUT discards a too long Incoming Call packet (user data field of 17 or 129 octets) received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		[FAST_SELECT = TRUE]			
4		! Call START TD	CALL_U129 (LCI)		4
5		+ P9_206_SUBTREE			
6		[FAST_SELECT = FALSE]			
7		! Call START TD	CALL_U17 (LCI)		7
8		+ P9_206_SUBTREE			

Detailed Comments:

4 Fast Select is supported and in use, then send 129 octets of user data

7 Fast Select is not supported or not in use, then send 17 octets of user data

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Table 651. Test Case Dynamic Behavior

Test Case Name : P9_207
Group : P6/P6_Improper/
Purpose : Verify the IUT discards a too long Call Connect packet (user data field of 1 or 129 octets) received in state P6.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		[FAST_SELECT = TRUE]			
4		! Accept START TD	ANSR_OU129 (LCI)		4
5		+ P9_207_SUBTREE			
6		[FAST_SELECT = FALSE]			
7		! Accept START TD	ANSR_0U1 (LCI)		7
8		+ P9_207_SUBTREE			

Detailed Comments:

4 Fast Select is supported and in use, then send 129 octets of user data
7 Fast Select is not supported or not in use, then send 1 octet of user data

Table 652. Test Case Dynamic Behavior

Test Case Name : P9_208
Group : P6/P6_Improper/
Purpose : Verify the IUT clears a too short Clear Indication packet (no cause code or diagnostic code fields) received in state P6.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Clear START TD	CLR_SHT (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	4
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, too short
7 No response

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Table 653. Test Case Dynamic Behavior

Test Case Name	: P9_209
Group	: P6/P6_Improper/
Purpose	: Verify the IUT clears a too long Clear Indication packet (user data field of 129 octets) received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Clear START TD	CLR_LNG (LCI)		
4		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39) OR (Clear.diagnostic_code = 42))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	4
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, packet not allowed, packet too long, packet type not compatible with facility
7 No response

Table 654. Test Case Dynamic Behavior

Test Case Name	: P9_210
Group	: P6/P6_Improper/
Purpose	: Verify the IUT clears a too long Clear Confirmation (110 octets appended to the end of the packet) received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		[CCITT_80]			
4		! Clear_Confirmation_Error START TD	CLRC_U1 (LCI)		4
5		+ P9_210_SUBTREE			
6		[CCITT_84 OR ISO]			
7		! Clear_Confirmation_Error START TD	CLRC_U110 (LCI)		7
8		+ P9_210_SUBTREE			

Detailed Comments:

4 Basic Format Clear Confirmation with 1 octet appended
7 Basic Format Clear Confirmation with 110 octets appended

Table 655. Test Case Dynamic Behavior

Test Case Name	: P9_301
Group	: P6/P6_Inopportune/
Purpose	: Verify the IUT discards an Incoming Call packet received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Call START TD	CALL_0 (LCI)		
4		? TIMEOUT TD		(PASS)	
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

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Table 656. Test Case Dynamic Behavior

Test Case Name	: P9_303
Group	: P6/P6_Inopportune/
Purpose	: Verify the IUT discards a Call Connected received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Accept START TD	ANSR_0 (LCI)		
4		? TIMEOUT TD		(PASS)	
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

Table 657. Test Case Dynamic Behavior

Test Case Name	: P9_304
Group	: P6/P6_Inopportune/
Purpose	: Verify the IUT discards a Data packet received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Data START TD	D_ONE (LCI)		
4		? TIMEOUT TD		(PASS)	
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

Table 658. Test Case Dynamic Behavior

Test Case Name	: P9_305
Group	: P6/P6_Inopportune/
Purpose	: Verify the IUT discards an Interrupt packet received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Interrupt START TD	INT_0 (LCI)		
4		? TIMEOUT TD		(PASS)	
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

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Table 659. Test Case Dynamic Behavior

Test Case Name	: P9_306
Group	: P6/P6_Inopportune/
Purpose	: Verify the IUT discards an Interrupt Confirm received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Interrupt_Confirmation START TD	INTC_0 (LCI)		
4		? TIMEOUT TD		(PASS)	
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

Table 660. Test Case Dynamic Behavior

Test Case Name	: P9_307
Group	: P6/P6_Inopportune/
Purpose	: Verify the IUT discards a RR packet received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Receive_Ready START TD	RR_0 (LCI)		
4		? TIMEOUT TD		(PASS)	
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

Table 661. Test Case Dynamic Behavior

Test Case Name	: P9_308
Group	: P6/P6_Inopportune/
Purpose	: Verify the IUT discards a RNR packet received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Receive_Not_Ready START TD	RNR_0 (LCI)		
4		? TIMEOUT TD		(PASS)	
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

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Table 662. Test Case Dynamic Behavior

Test Case Name	: P9_309
Group	: P6/P6_Inopportune/
Purpose	: Verify the IUT discards a Reset packet received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Reset START TD	RST_0 (LCI)		
4		? TIMEOUT TD		(PASS)	
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

Table 663. Test Case Dynamic Behavior

Test Case Name	: P9_310
Group	: P6/P6_Inopportune/
Purpose	: Verify the IUT discards a Reset Confirmation received in state P6.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		! Reset_Confirmation START TD	RSTC_0 (LCI)		
4		? TIMEOUT TD		(PASS)	
5		+ P6_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

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7.26 Verification of DXE clear indication state P7

Table 664. Test Case Dynamic Behavior

Test Case Name : P10_201
Group : P7/P7_Improper/
Purpose : Verify the IUT clears a too short packet (two octets) received in state P7.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Unformatted_Packet_Error_Type START TD_RESP	ERR_SHT (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, not allowed, unidentifiable, too short

Table 665. Test Case Dynamic Behavior

Test Case Name : P10_202
Group : P7/P7_Improper/
Purpose : Verify the IUT clears an unidentifiable packet received in state P7.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Unformatted_Packet_Error_Type START TD_RESP	ERR_B (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, not allowed, unidentifiable, too short

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Table 666. Test Case Dynamic Behavior

Test Case Name : P10_203
Group : P7/P7_Improper/
Purpose : Verify the IUT clears a Restart Indication (LCI < > zero) received in state P7.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Restart START TD_RESP	STRT_NZ (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, not allowed, non-zero lci

Table 667. Test Case Dynamic Behavior

Test Case Name : P10_204
Group : P7/P7_Improper/
Purpose : Verify the IUT clears a Restart Confirmation (LCI < > zero) received in state P7.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Restart_Confirmation START TD_RESP	STRTC_NZ (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, not allowed, non-zero lci

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Table 668. Test Case Dynamic Behavior

Test Case Name	: P10_205
Group	: P7/P7_Improper/
Purpose	: Verify the IUT in state P7 clears a too short Incoming Call (no called address field) received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Unformatted_Packet_Error_Type START TD_RESP	CALL_SHT (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 26) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for state P7, packet not allowed, packet too short

Table 669. Test Case Dynamic Behavior

Test Case Name	: P10_206
Group	: P7/P7_Improper/
Purpose	: Verify the IUT clears a too long Incoming Call (user data field of 17 or 129 octets) received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		[FAST_SELECT = TRUE]			
5		! Call START TD_RESP	CALL_U129 (LCI)		5
6		+ P10_206_SUBTREE			
7		[FAST_SELECT = FALSE]			
8		! Call START TD_RESP	CALL_U17 (LCI)		8
9		+ P10_206_SUBTREE			
10		+ P7_UNEXPECTED			

Detailed Comments:

5 Fast Select is supported and in use, then send 129 octets of user data

8 Fast Select is not supported or not in use, then send 17 octets of user data

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Table 670. Test Case Dynamic Behavior

Test Case Name : P10_207
Group : P7/P7_Improper/
Purpose : Verify the IUT clears a too long Call Connected packet (user data field of 1 or 129 octets) received in state P7.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		[FAST_SELECT = TRUE]			
5		! Accept START TD_RESP	ANSR_OU129 (LCI)		5
6		+ P10_207_SUBTREE			
7		[FAST_SELECT = FALSE]			
8		! Accept START TD_RESP	ANSR_0U1 (LCI)		8
9		+ P10_207_SUBTREE			
10		+ P7_UNEXPECTED			

Detailed Comments:

5 Fast Select is supported and in use, then send 129 octets of user data
8 Fast Select is not supported or not in use, then send 1 octet of user data

Table 671. Test Case Dynamic Behavior

Test Case Name : P10_208
Group : P7/P7_Improper/
Purpose : Verify the IUT discards a too short Clear Indication packet (no cause or diagnostic fields) received in state P7.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP, START TO_P7, START TD	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear	CLR_SHT (LCI)		
5		? TIMEOUT TO_P7			
6		? Clear_Confirmation CANCEL	CLRC_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Clear CANCEL	CLR_1 (LCI)	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
11		+ GEN2_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ P7_UNEXPECTED			
15		+ P7_UNEXPECTED			

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Table 672. Test Case Dynamic Behavior

Test Case Name	: P10_209
Group	: P7/P7_Improper/
Purpose	: Verify the IUT discards a too long Clear Indication packet (user data field of 129 octets) received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP, START TO_P7, START TD	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear	CLR_LNG (LCI)		
5		? TIMEOUT TO_P7			
6		? Clear_Confirmation CANCEL	CLRC_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Clear CANCEL	CLR_1 (LCI)	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
11		+ GEN2_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ P7_UNEXPECTED			
15		+ P7_UNEXPECTED			

Table 673. Test Case Dynamic Behavior

Test Case Name	: P10_210
Group	: P7/P7_Improper/
Purpose	: Verify the IUT clears a too long Clear Confirmation packet (110 octets appended) received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear_Confirmation_Error START TD_RESP	CLRC_U110 (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart .diagnostic_code = 26) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for state P7, packet not allowed, packet too long

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Table 674. Test Case Dynamic Behavior

Test Case Name	: P10_301
Group	: P7/P7_Inopportune/
Purpose	: Verify the IUT clears an Incoming Call received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Call START TD_RESP	CALL_0 (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 26))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	9
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for p7
9 No response

Table 675. Test Case Dynamic Behavior

Test Case Name	: P10_303
Group	: P7/P7_Inopportune/
Purpose	: Verify the IUT clears a Call Connected packet received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Accept START TD_RESP	ANSR_0 (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 26))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	9
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for p7.
9 No response

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Table 676. Test Case Dynamic Behavior

Test Case Name	: P10_304
Group	: P7/P7_Inopportune/
Purpose	: Verify the IUT discards a Clear Indication with cause '01'H received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP, START TO_P7, START TD	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear	CLR_C01 (LCI)		
5		? TIMEOUT TO_P7			
6		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
11		+ GEN2_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ P7_UNEXPECTED			
15		+ P7_UNEXPECTED			

Table 677. Test Case Dynamic Behavior

Test Case Name	: P10_305
Group	: P7/P7_Inopportune/
Purpose	: Verify the IUT discards a Clear Indication with cause '05'H received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP, START TO_P7, START TD	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear	CLR_C05 (LCI)		
5		? TIMEOUT TO_P7			
6		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
11		+ GEN2_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ P7_UNEXPECTED			
15		+ P7_UNEXPECTED			

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Table 678. Test Case Dynamic Behavior

Test Case Name	: P10_306
Group	: P7/P7_Inopportune/
Purpose	: Verify the IUT discards a Clear Indication with cause '11'H received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP, START TO_P7, START TD	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear	CLR_C11 (LCI)		
5		? TIMEOUT TO_P7			
6		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
11		+ GEN2_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ P7_UNEXPECTED			
15		+ P7_UNEXPECTED			

Table 679. Test Case Dynamic Behavior

Test Case Name	: P10_307
Group	: P7/P7_Inopportune/
Purpose	: Verify the IUT discards a Clear Indication with cause '13'H received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP, START TO_P7, START TD	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear	CLR_C13 (LCI)		
5		? TIMEOUT TO_P7			
6		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
11		+ GEN2_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ P7_UNEXPECTED			
15		+ P7_UNEXPECTED			

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Table 680. Test Case Dynamic Behavior

Test Case Name : P10_308
Group : P7/P7_Inopportune/
Purpose : Verify the IUT discards a Clear Indication with cause '21'H received in state P7.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP, START TO_P7, START TD	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear	CLR_C21 (LCI)		
5		? TIMEOUT TO_P7			
6		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
7		+ R1_POSTAMBLE			
8		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
9		+ R1_POSTAMBLE			
10		? Restart [RST_ON_ERR_C] CANCEL	STRT_1DTEA	(PASS)	
11		+ GEN2_POSTAMBLE			
12		? TIMEOUT TD		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ P7_UNEXPECTED			
15		+ P7_UNEXPECTED			

Table 681. Test Case Dynamic Behavior

Test Case Name : P10_309
Group : P7/P7_Inopportune/
Purpose : Verify the IUT clears a Clear Confirm packet received in state P7.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Clear_Confirmation START TD_RESP	CLRC_0 (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		! Clear_Confirmation	CLRC_0 (LCI)		
7		+ R1_POSTAMBLE			
8		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 26))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		! Restart_Confirmation	STRTC		
10		+ R1_POSTAMBLE			
11		? TIMEOUT TD_RESP		FAIL	11
12		+ P7_UNEXPECTED			
13		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for p7, setup/clearing
11 No response

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Table 682. Test Case Dynamic Behavior

Test Case Name : P10_310
Group : P7/P7_Inopportune/
Purpose : Verify the IUT clears a Data packet received in state P7
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Data START TD_RESP	D_ONE (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 26))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for p7

Table 683. Test Case Dynamic Behavior

Test Case Name : P10_311
Group : P7/P7_Inopportune/
Purpose : Verify the IUT clears an Interrupt packet received in state P7
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Interrupt START TD_RESP	INT_0 (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26))) OR (Clear .clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart .diagnostic_code = 26))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for p7

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Table 684. Test Case Dynamic Behavior

Test Case Name	: P10_312
Group	: P7/P7_Inopportune/
Purpose	: Verify the IUT clears an Interrupt Confirmation received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Interrupt_Confirmation START TD_RESP	INTC_0 (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26))) OR (Clear .clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart .diagnostic_code = 26))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for p7

Table 685. Test Case Dynamic Behavior

Test Case Name	: P10_313
Group	: P7/P7_Inopportune/
Purpose	: Verify the IUT clears an RR packet received in state P7
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Receive_Ready START TD_RESP	RR_A (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26))) OR (Clear .clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart .diagnostic_code = 26))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	9
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for p7

9 No response

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Table 686. Test Case Dynamic Behavior

Test Case Name : P10_314
Group : P7/P7_Inopportune/
Purpose : Verify the IUT clears RNR packet received in state P7
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Receive_Not_Ready START TD_RESP	RNR_0 (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26))) OR (Clear .clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart .diagnostic_code = 26))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	9
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for p7
9 No response

Table 687. Test Case Dynamic Behavior

Test Case Name : P10_315
Group : P7/P7_Inopportune/
Purpose : Verify the IUT clears a Reset packet received in state P7.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Reset START TD_RESP	RST_0 (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26))) OR (Clear .clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart .diagnostic_code = 26))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	9
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for p7
9 No response

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Table 688. Test Case Dynamic Behavior

Test Case Name	: P10_316
Group	: P7/P7_Inopportune/
Purpose	: Verify the IUT clears a Reset Confirmation packet received in state P7.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (SVC)			
2		! Clear START TD_RESP	CLR_0 (LCI)		
3		? TIMEOUT TD_RESP			
4		! Reset_Confirmation START TD_RESP	RSTC_0 (LCI)		
5		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 26))) OR (Clear .clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	5
6		+ GEN1_POSTAMBLE			
7		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart .diagnostic_code = 26))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		? TIMEOUT TD_RESP		FAIL	9
10		+ P7_UNEXPECTED			
11		+ P7_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for p7

9 No response

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7.27 Verification of flow control ready state D1

Table 689. Test Case Dynamic Behavior

Test Case Name : P11_101
Group : D1/D1_Proper/
Purpose : Verify the IUT can accept a Reset Indication received in state D1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD	RST_0 (LCI)		
4	L1	? Reset_Confirmation CANCEL TD	RSTC_1 (LCI)	(PASS)	
5		+ D1_POSTAMBLE			
6		? Reset CANCEL TD	RST_1 (LCI)	(PASS)	
7		+ D1_POSTAMBLE			
8		? Clear [CLR_ON_ERR_R] CANCEL TD	CLR_1 (LCI)	(PASS)	
9		+ D_STATE_CLR			
10		? Restart [RST_ON_ERR_R OR RST_ON_ERR_R_PVC] CANCEL TD	STRT_1DTEA	(PASS)	
11		+ D_STATE_RES			
12		+ D1_UNEXPECTED			
13		GOTO L1			
14		+ CLR_UNEXPECTED			
15		+ RSTRT_UNEXPECTED			
16		? TIMEOUT TD		FAIL	16
17		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

16 No response

Table 690. Test Case Dynamic Behavior

Test Case Name : P11_102
Group : D1/D1_Proper/
Purpose : Verify the IUT can accept Data in state D1.
Default :
Comments : This test case is only applicable to IUTs that support Reset.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Data START TD	D_ONE (LCI)		
4	L1	? Receive_Ready CANCEL TD	RR_1A (LCI)	(PASS)	
5		+ D1_POSTAMBLE			
6		? TIMEOUT TD		(PASS)	
7		+ D1_POSTAMBLE			
8		+ D1_UNEXPECTED			
9		GOTO L1			
10		+ CLR_UNEXPECTED			
11		+ RSTRT_UNEXPECTED			
12		? OTHERWISE CANCEL TD		FAIL	

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Table 691. Test Case Dynamic Behavior

Test Case Name	: P11_103
Group	: D1/D1_Proper/
Purpose	: Verify the IUT can accept Data after a Reset/Reset Confirmation exchange in state D1.
Default	:
Comments	: This test case is only applicable to IUTs that support Reset.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Data START TD	D_ONE (LCI)		
4	L1	? Receive_Ready CANCEL TD	RR_1A (LCI)		
5		+ P11_103_SUBTREE			
6		? TIMEOUT TD		(PASS)	
7		+ P11_103_SUBTREE			
8		+ D1_UNEXPECTED			
9		GOTO L1			
10		+ CLR_UNEXPECTED			
11		+ RSTRT_UNEXPECTED			
12		? OTHERWISE CANCEL TD		FAIL	

Table 692. Test Case Dynamic Behavior

Test Case Name	: P11_201
Group	: D1/D1_Improper/
Purpose	: Verify the IUT resets a too short packet (two octets) received in state D1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	ERR_SHT (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 33) OR (Reset.diagnostic_code = 38))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1C_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	14
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, unidentifiable packet, too short

14 No response

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Table 693. Test Case Dynamic Behavior

Test Case Name : P11_202
Group : D1/D1_Improper/
Purpose : Verify the IUT resets an unidentifiable packet (PTI field equals '0D'H) received in state D1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Unformatted_Packet_Error_Type START TD	ERR_B (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 33))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL TD	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 33))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 33))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1C_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, unidentifiable

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Table 694. Test Case Dynamic Behavior

Test Case Name	: P11_203
Group	: D1/D1_Improper/
Purpose	: Verify the IUT resets a Restart Indication with an assigned LCI not equal to zero received in state D1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Restart START TD	STRT_NZ (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 41))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1C_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	14
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, non-zero lci

14 No response

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Table 695. Test Case Dynamic Behavior

Test Case Name : P11_204
Group : D1/D1_Improper/
Purpose : Verify the IUT resets a Restart Confirmation packet with an assigned LCI not equal to zero received in state D1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Restart_Confirmation START TD	STRTC_NZ (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 41))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 41))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 41))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1C_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	14
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, non-zero lci
14 No response

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Table 696. Test Case Dynamic Behavior

Test Case Name : P11_205
Group : D1/D1_Improper/
Purpose : Verify the IUT resets a too short Reset Indication (Diagnostic field is NIL) received in state D1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD	RST_SHT (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 38))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1C_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	14
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, too short
14 No response

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Table 697. Test Case Dynamic Behavior

Test Case Name : P11_206
Group : D1/D1_Improper/
Purpose : Verify the IUT resets a too long Reset Indication (one octet appended) received in state D1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Com-ments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset_Error START TD	RST_L (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1C_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	14
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, too long
14 No response

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Table 698. Test Case Dynamic Behavior

Test Case Name : P11_207
Group : D1/D1_Improper/
Purpose : Verify the IUT resets a too long Reset Confirmation packet (one octet appended) received in state D1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset_Confirmation_Error START TD	RSTC_L (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 27) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 27) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear .clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause .dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 27) OR (Restart.diagnostic_code = 32) OR (Restart .diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1C_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	14
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, packet type invalid, invalid for D1, not allowed, too long
14 No response

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Table 699. Test Case Dynamic Behavior

Test Case Name : P11_301
Group : D1/D1_Inopportune/
Purpose : Verify the IUT resets a Reset Confirmation received in state D1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset_Confirmation START TD	RSTC_0 (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 27))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 27))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 27))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	14
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, packet type invalid, invalid for d1
14 No response

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Table 700. Test Case Dynamic Behavior

Test Case Name	: P11_302
Group	: D1/D1_Inopportune/
Purpose	: Verify the IUT resets an Incoming Call packet received on a PVC in state D1.
Default	:
Comments	: This test case is only applicable to IUTs supporting PVCs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ D1_PVC_PREAMBLE			
2		! Call START TD	CALL_0 (LCI)		
3	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 27) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 35))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	3
4		+ D2_POSTAMBLE			
5		? Restart [(RST_ON_ERR_R_PVC) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 27) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 35))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
6		+ D_STATE_RES			
7		+ D1_UNEXPECTED			
8		GOTO L1			
9		+ RSTRT_UNEXPECTED			
10		? TIMEOUT TD		FAIL	10
11		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3	No information, packet type invalid, invalid for state D1, packet not allowed, invalid packet type on a PVC
10	No response

Table 701. Test Case Dynamic Behavior

Test Case Name	: P11_303
Group	: D1/D1_Inopportune/
Purpose	: Verify the IUT resets a Clear Indication received on a PVC in state D1.
Default	:
Comments	: This test case is only applicable to IUTs supporting PVCs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ D1_PVC_PREAMBLE			
2		! Clear START TD	CLR_0 (LCI)		
3	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 27) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 35))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL TD	RST_1 (LCI)	(PASS)	3
4		+ D2_POSTAMBLE			
5		? Restart [(RST_ON_ERR_R_PVC) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 27) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 35))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
6		+ D_STATE_RES			
7		+ D1_UNEXPECTED			
8		GOTO L1			
9		+ RSTRT_UNEXPECTED			
10		? TIMEOUT TD		FAIL	10
11		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3	No information, packet type invalid, invalid for state D1, packet not allowed, invalid packet type on a PVC
10	No response

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7.28 Verification of DTE reset request state D2

Table 702. Test Case Dynamic Behavior

Test Case Name : P12_101
Group : D2/D2_Proper/
Purpose : Verify the IUT changes to state D1 when a Reset Indication is received in state D2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Reset START TD	RST_0 (LCI)		
5	L1	? TIMEOUT TD		(PASS)	
6		+ D1_POSTAMBLE			
7		+ D1C_UNEXPECTED			
8		GOTO L1			
9		+ CLR_UNEXPECTED			
10		+ RSTRT_UNEXPECTED			
11		? OTHERWISE CANCEL TD		FAIL	

Table 703. Test Case Dynamic Behavior

Test Case Name : P12_102
Group : D2/D2_Proper/
Purpose : Verify the IUT is in state D1 after receiving a Reset Confirmation while in state D2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Reset_Confirmation START TD	RSTC_0 (LCI)		
5	L1	? TIMEOUT TD		(PASS)	
6		+ D1_POSTAMBLE			
7		+ D1C_UNEXPECTED			
8		GOTO L1			
9		+ CLR_UNEXPECTED			
10		+ RSTRT_UNEXPECTED			
11		? OTHERWISE CANCEL TD		FAIL	

Table 704. Test Case Dynamic Behavior

Test Case Name : P12_201
Group : D2/D2_Improper/
Purpose : Verify the IUT discards a too short packet (two octets) received in state D2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Unformatted_Packet_Error_Type START TD	ERR_SHT (LCI)		
5		? TIMEOUT TD		(PASS)	
6		+ D2_POSTAMBLE			
7		+ CLR_UNEXPECTED			
8		+ RSTRT_UNEXPECTED			
9		? OTHERWISE CANCEL TD		FAIL	

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Table 705. Test Case Dynamic Behavior

Test Case Name	: P12_202
Group	: D2/D2_Improper/
Purpose	: Verify the IUT discards an unidentifiable packet (PTI = '0D'H) received in state D2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Unformatted_Packet_Error_Type START TD	ERR_B (LCI)		
5		? TIMEOUT TD		(PASS)	
6		+ D2_POSTAMBLE			
7		+ CLR_UNEXPECTED			
8		+ RSTRT_UNEXPECTED			
9		? OTHERWISE CANCEL TD		FAIL	

Table 706. Test Case Dynamic Behavior

Test Case Name	: P12_203
Group	: D2/D2_Improper/
Purpose	: Verify the IUT discards a Restart with an assigned LCI not equal to zero received in state D2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Restart START TD	STRT_NZ (LCI)		
5		? TIMEOUT TD		(PASS)	
6		+ D2_POSTAMBLE			
7		+ CLR_UNEXPECTED			
8		+ RSTRT_UNEXPECTED			
9		? OTHERWISE CANCEL TD		FAIL	

Table 707. Test Case Dynamic Behavior

Test Case Name	: P12_204
Group	: D2/D2_Improper/
Purpose	: Verify the IUT discards a Restart Confirmation with an assigned LCI not equal to zero received in state D2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Restart_Confirmation START TD	STRTC_NZ (LCI)		
5		? TIMEOUT TD		(PASS)	
6		+ D2_POSTAMBLE			
7		+ CLR_UNEXPECTED			
8		+ RSTRT_UNEXPECTED			
9		? OTHERWISE CANCEL TD		FAIL	

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Table 708. Test Case Dynamic Behavior

Test Case Name : P12_205
Group : D2/D2_Improper/
Purpose : Verify the IUT resets a too short Reset Indication received in state D2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Reset START TD	RST_SHT (LCI)		
5		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 38))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	5
6		+ D2_POSTAMBLE			
7		+ CLR_UNEXPECTED			
8		+ RSTRT_UNEXPECTED			
9		? TIMEOUT TD		FAIL	9
10		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 No information, not allowed, too short
9 No response

Table 709. Test Case Dynamic Behavior

Test Case Name : P12_206
Group : D2/D2_Improper/
Purpose : Verify the IUT resets a too long Reset Indication (one octet appended) received in state D2
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Reset_Error START TD	RST_L (LCI)		
5		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause .dte_initiated = 128))]	RST_1 (LCI)	(PASS)	5
6		+ D2_POSTAMBLE			
7		+ CLR_UNEXPECTED			
8		+ RSTRT_UNEXPECTED			
9		? TIMEOUT TD		FAIL	9
10		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 No information, not allowed, too long
9 No response

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Table 710. Test Case Dynamic Behavior

Test Case Name : P12_207
Group : D2/D2_Improper/
Purpose : Verify the IUT resets long Reset Confirmation packet (one octet appended) received in state D2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Reset_Confirmation_Error START TD	RSTC_L (LCI)		
5		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause .dte_initiated = 128))]	RST_1 (LCI)	(PASS)	5
6		+ D2_POSTAMBLE			
7		+ CLR_UNEXPECTED			
8		+ RSTRT_UNEXPECTED			
9		? TIMEOUT TD		FAIL	9
10		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 No information, not allowed, too long
9 No response

Table 711. Test Case Dynamic Behavior

Test Case Name : P12_301
Group : D2/D2_Inopportune/
Purpose : Verify the IUT discards an Interrupt packet received in state D2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Interrupt START TD	INT_0 (LCI)		
5		? TIMEOUT TD		(PASS)	5
6		+ D2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		+ CLR_UNEXPECTED			
9		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 No response

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Table 712. Test Case Dynamic Behavior

Test Case Name : P12_302
Group : D2/D2_Inopportune/
Purpose : Verify the IUT discards an Interrupt Confirmation packet received in state D2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Interrupt_Confirmation START TD	INTC_0 (LCI)		
5		? TIMEOUT TD		(PASS)	5
6		+ D2_POSTAMBLE			
7		+ CLR_UNEXPECTED			
8		+ RSTRT_UNEXPECTED			
9		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 No response

Table 713. Test Case Dynamic Behavior

Test Case Name : P12_303
Group : D2/D2_Inopportune/
Purpose : Verify the IUT discards a Data packet received in state D2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Data START TD	D_ONE (LCI)		
5		? TIMEOUT TD		(PASS)	5
6		+ D2_POSTAMBLE			
7		+ CLR_UNEXPECTED			
8		+ RSTRT_UNEXPECTED			
9		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 No response

Table 714. Test Case Dynamic Behavior

Test Case Name : P12_304
Group : D2/D2_Inopportune/
Purpose : Verify the IUT discards an RR packet received in D2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Receive_Ready START TD	RR_0 (LCI)		
5		? TIMEOUT TD		(PASS)	5
6		+ D2_POSTAMBLE			
7		+ CLR_UNEXPECTED			
8		+ RSTRT_UNEXPECTED			
9		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 No response

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Table 715. Test Case Dynamic Behavior

Test Case Name : P12_305
Group : D2/D2_Inopportune/
Purpose : Verify the IUT discards an RNR packet received in D2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Receive_Not_Ready START TD	RNR_0 (LCI)		
5		? TIMEOUT TD		(PASS)	5
6		+ D2_POSTAMBLE			
7		+ CLR_UNEXPECTED			
8		+ RSTRT_UNEXPECTED			
9		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 No response

Table 716. Test Case Dynamic Behavior

Test Case Name : P12_306
Group : D2/D2_Inopportune/
Purpose : Verify the IUT discards an Incoming Call packet received on a PVC in state D2.
Default :
Comments : This test case is only applicable to IUTs supporting PVCs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (PVC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		! Call START TD	CALL_0 (LCI)		
5		? TIMEOUT TD		(PASS)	5
6		+ D2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 No response

Table 717. Test Case Dynamic Behavior

Test Case Name : P12_307
Group : D2/D2_Inopportune/
Purpose : Verify the IUT discards a Clear Indication packet received on a PVC in state D2.
Default :
Comments : This test case is only applicable to IUTs supporting PVCs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ D1_PVC_PREAMBLE			
2		+ D2_PREAMBLE			
3		! Clear START TD	CLR_0 (LCI)		
4		? TIMEOUT TD		(PASS)	4
5		+ D2_POSTAMBLE			
6		+ RSTRT_UNEXPECTED			
7		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

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7.29 Verification of DXE reset indication state D3

Table 718. Test Case Dynamic Behavior

Test Case Name : P13_201
Group : D3/D3_Improper/
Purpose : Verify the IUT resets a too short packet (two octets) received in state D3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Unformatted_Packet_Error_Type START TD_RESP	ERR_SHT (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 33) OR (Reset.diagnostic_code = 38))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, not allowed, too short

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Table 719. Test Case Dynamic Behavior

Test Case Name : P13_202
Group : D3/D3_Improper/
Purpose : Verify the IUT resets or discards an unidentifiable packet (PTI field equals '0D'H) received in state D3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP, START TO_D3, START TD	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Unformatted_Packet_Error_Type	ERR_B (LCI)		
6		[ISO]			6
7		START TD_RESP, CANCEL TO_D3, CANCEL TD			
8	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 33) OR (Reset.diagnostic_code = 35))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	8
9		+ D2_POSTAMBLE			
10		+ D1C_UNEXPECTED			
11		GOTO L2			
12		? TIMEOUT TD_RESP		FAIL	
13		+ D3_UNEXPECTED			
14		[(CCITT_80) OR (CCITT_84)]			
15		? TIMEOUT TO_D3			
16	L3	? Reset_Confirmation CANCEL	RSTC_1 (LCI)	(PASS)	
17		+ D1_POSTAMBLE			
18		? Reset CANCEL	RST_1 (LCI)	(PASS)	
19		+ D1_POSTAMBLE			
20		+ D1C_UNEXPECTED			
21		GOTO L3			
22		+ D3_UNEXPECTED			
23		+ D3_UNEXPECTED			
24		+ D1C_UNEXPECTED			
25		GOTO L1			
26		+ D3_UNEXPECTED			

Detailed Comments:

6 ISO 8208 IUTs must send a Reset Request
8 No information, not allowed, unidentifiable, invalid for PVC

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Table 720. Test Case Dynamic Behavior

Test Case Name	: P13_203
Group	: D3/D3_Improper/
Purpose	: Verify the IUT resets a Restart with an assigned LCI not equal to zero received in state D3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Restart START TD_RESP	STRT_NZ (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 41))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, not allowed, non-zero, lci

Table 721. Test Case Dynamic Behavior

Test Case Name	: P13_204
Group	: D3/D3_Improper/
Purpose	: Verify the IUT resets a Restart Confirmation on an assigned LCI not equal to zero received in state D3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Restart_Confirmation START TD_RESP	STRTC_NZ (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 41))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, not allowed, non-zero lci

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Table 722. Test Case Dynamic Behavior

Test Case Name	: P13_205
Group	: D3/D3_Improper/
Purpose	: Verify the IUT resets a too short Reset Indication (Cause field is NIL, Diagnostic field is NIL) received in state D3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Reset START TD_RESP	RST_SHT (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 38))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, not allowed, non-zero lci

Table 723. Test Case Dynamic Behavior

Test Case Name	: P13_206
Group	: D3/D3_Improper/
Purpose	: Verify the IUT resets a too long Reset Indication (one octet appended) received in state D3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Reset_Error START TD_RESP	RST_L (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, not allowed, too long

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Table 724. Test Case Dynamic Behavior

Test Case Name : P13_207
Group : D3/D3_Improper/
Purpose : Verify the IUT resets a too long Reset Confirmation (one octet appended) received in state D3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Reset_Confirmation_Error START TD_RESP	RSTC_L (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 29) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, packet type invalid, invalid for state D3, packet not allowed, packet too long

Table 725. Test Case Dynamic Behavior

Test Case Name : P13_301
Group : D3/D3_Inopportune/
Purpose : Verify the IUT discards a Reset Indication received in state D3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP, START TO_D3, START TD	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Reset	RST_0 (LCI)		
6		? TIMEOUT TO_D3			
7	L2	? Reset_Confirmation CANCEL	RSTC_1 (LCI)	(PASS)	
8		+ D1_POSTAMBLE			
9		+ D1C_UNEXPECTED			
10		GOTO L2			
11		? TIMEOUT TD		FAIL	
12		+ D3_UNEXPECTED			
13		+ D1C_UNEXPECTED			
14		GOTO L1			
15		+ D3_UNEXPECTED			

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Table 726. Test Case Dynamic Behavior

Test Case Name	: P13_302
Group	: D3/D3_Inopportune/
Purpose	: Verify the IUT resets a Reset Confirmation received in state D3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Reset_Confirmation START TD_RESP	RSTC_0 (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 29))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, packet invalid, invalid for D3

Table 727. Test Case Dynamic Behavior

Test Case Name	: P13_303
Group	: D3/D3_Inopportune/
Purpose	: Verify the IUT resets an Interrupt packet received in state D3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Interrupt START TD_RESP	INT_1 (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 29))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, packet type invalid, invalid for D3

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Table 728. Test Case Dynamic Behavior

Test Case Name : P13_304
Group : D3/D3_Inopportune/
Purpose : Verify the IUT resets an Interrupt Confirmation received in state D3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Interrupt_Confirmation START TD_RESP	INTC_1 (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 29))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, packet type invalid, invalid for D3

Table 729. Test Case Dynamic Behavior

Test Case Name : P13_305
Group : D3/D3_Inopportune/
Purpose : Verify the IUT resets a Data packet received in state D3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Data START TD_RESP	D_ONE (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 29))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, packet type invalid, invalid for D3

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Table 730. Test Case Dynamic Behavior

Test Case Name	: P13_306
Group	: D3/D3_Inopportune/
Purpose	: Verify the IUT resets an RR packet received in state D3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Receive_Ready START TD_RESP	RR_0 (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 29))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, packet type invalid, invalid for D3

Table 731. Test Case Dynamic Behavior

Test Case Name	: P13_307
Group	: D3/D3_Inopportune/
Purpose	: Verify the IUT resets an RNR packet received in state D3.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Reset START TD_RESP	RST_0 (LCI)		
4	L1	? TIMEOUT TD_RESP			
5		! Receive_Not_Ready START TD_RESP	RNR_0 (LCI)		
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 29))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		? TIMEOUT TD_RESP		FAIL	
11		+ D3_UNEXPECTED			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ D3_UNEXPECTED			

Detailed Comments:

6 No information, packet type invalid, invalid for D3

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Table 732. Test Case Dynamic Behavior

Test Case Name : P13_308
Group : D3/D3_Inopportune/
Purpose : Verify the IUT resets an Incoming Call packet received on a PVC in state D3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ D1_PVC_PREAMBLE			
2		! Reset START TD_RESP	RST_0 (LCI)		
3	L1	? TIMEOUT TD_RESP			
4		! Call START TD_RESP	CALL_0 (LCI)		
5	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 16) OR (Reset.diagnostic_code = 29) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 35))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	5
6		+ D2_POSTAMBLE			
7		? Restart [(RST_ON_ERR_R_PVC) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 29) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 35))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		+ D1C_UNEXPECTED			
10		GOTO L2			
11		? TIMEOUT TD_RESP		FAIL	
12		+ D3_UNEXPECTED			
13		+ D1C_UNEXPECTED			
14		GOTO L1			
15		+ D3_UNEXPECTED			

Detailed Comments:

5 No information, packet type invalid, invalid for D3, packet not allowed, invalid packet type on a PVC

Table 733. Test Case Dynamic Behavior

Test Case Name : P13_309
Group : D3/D3_Inopportune/
Purpose : Verify the IUT resets a Clear Indication received on a PVC in state D3.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ D1_PVC_PREAMBLE			
2		! Reset START TD_RESP	RST_0 (LCI)		
3	L1	? TIMEOUT TD_RESP			
4		! Clear START TD_RESP	CLR_0 (LCI)		
5	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 35))) OR (Reset .resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	5
6		+ D2_POSTAMBLE			
7		? Restart [(RST_ON_ERR_R_PVC) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart .diagnostic_code = 35))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
8		+ GEN2_POSTAMBLE			
9		+ D1C_UNEXPECTED			
10		GOTO L2			
11		? TIMEOUT TD_RESP		FAIL	
12		+ D3_UNEXPECTED			
13		+ D1C_UNEXPECTED			
14		GOTO L1			
15		+ D3_UNEXPECTED			

Detailed Comments:

5 No information, packet not allowed, invalid packet type on a PVC

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7.30 Verification of DTE interrupt ready state I1

Table 734. Test Case Dynamic Behavior

Test Case Name : P14_201
Group : I1/I1_Improper/
Purpose : Verify the IUT resets a too long Interrupt Confirmation (one octet appended) packet received in state I1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Interrupt_Confirmation_Error START TD	INTC_L (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39) OR (Reset.diagnostic_code = 43))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39) OR (Clear.diagnostic_code = 43))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39) OR (Restart.diagnostic_code = 43))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	
15		+ CLR_UNEXPECTED			

Detailed Comments:

4 No information, not allowed, too long, unauthorized Interrupt Confirmation

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Table 735. Test Case Dynamic Behavior

Test Case Name	: P14_301
Group	: I1/I1_Inopportune/
Purpose	: Verify the IUT resets an Interrupt Confirmation received in state I1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Interrupt_Confirmation START TD	INTC_0 (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 43))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 43))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 43))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, too long, unauthorized Interrupt Confirmation

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7.31 Verification of DTE interrupt sent state I2

Table 736. Test Case Dynamic Behavior

Test Case Name : P15_101
Group : I2/I2_Proper/
Purpose : Verify the IUT moves from state I2 to I1 when an Interrupt Confirmation is received in state I2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		< IUT ! Interrupt >	INT_1 (LCI)		
4		START IUT_TO			
5	L1	? Interrupt (COUNT: = LENGTH_OF(Interrupt.user_data)) CANCEL IUT_TO	INT_1 (LCI)		
6		[(COUNT < > 1) AND CCITT_80]		FAIL	6
7		[TRUE]			
8		! Interrupt_Confirmation START TD	INTC_0 (LCI)		
9	L2	? TIMEOUT TD		(PASS)	
10		+ D1_POSTAMBLE			
11		+ D1B_UNEXPECTED			
12		GOTO L2			
13		+ RSTRT_UNEXPECTED			
14		? OTHERWISE CANCEL TD		FAIL	
15		+ D1B_UNEXPECTED			
16		GOTO L1			
17		+ CLR_UNEXPECTED			
18		+ RSTRT_UNEXPECTED			
19		? TIMEOUT IUT_TO		FAIL	
20		? OTHERWISE CANCEL IUT_TO		FAIL	

Detailed Comments:

6 IUTs of type CCITT 1980 are allowed only to send only one octet of Interrupt user data.

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Table 737. Test Case Dynamic Behavior

Test Case Name	: P15_201
Group	: I2/I2_Improper/
Purpose	: Verify the IUT resets a too long Interrupt Confirmation packet received in state I2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		< IUT ! Interrupt >	INT_1 (LCI)		
4		START IUT_TO			
5	L1	? Interrupt (COUNT: = LENGTH_OF(Interrupt.user_data)) CANCEL IUT_TO	INT_1 (LCI)		
6		[(COUNT < > 1) AND CCITT_80]		FAIL	6
7		[TRUE]			
8		! Interrupt_Confirmation_Error START TD	INTC_L (LCI)		
9	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 39) OR (Reset.diagnostic_code = 43))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	9
10		+ D2_POSTAMBLE			
11		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 39) OR (Clear.diagnostic_code = 43))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
12		+ D_STATE_CLR			
13		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 39) OR (Restart.diagnostic_code = 43))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
14		+ D_STATE_RES			
15		+ D1B_UNEXPECTED			
16		GOTO L2			
17		+ CLR_UNEXPECTED			
18		+ RSTRT_UNEXPECTED			
19		? TIMEOUT TD		FAIL	19
20		? OTHERWISE CANCEL TD		FAIL	
21		+ D1B_UNEXPECTED			
22		GOTO L1			
23		+ CLR_UNEXPECTED			
24		+ RSTRT_UNEXPECTED			
25		? TIMEOUT IUT_TO		FAIL	
26		? OTHERWISE CANCEL IUT_TO		FAIL	

Detailed Comments:

6	IUTs of type CCITT 1980 are allowed only to send only one octet of Interrupt user data.
9	No information, packet too long, unauthorized Interrupt Confirmation
19	No response

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7.32 Verification of DXE interrupt ready state J1

Table 738. Test Case Dynamic Behavior

Test Case Name	: P16_101
Group	: J1/J1_Proper/
Purpose	: Verify the IUT confirms an Interrupt received in state J1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Interrupt START TD	INT_0 (LCI)		
4	L1	? Interrupt_Confirmation CANCEL TD	INTC_1 (LCI)	(PASS)	
5		+ D1_POSTAMBLE			
6		+ D1_UNEXPECTED			
7		GOTO L1			
8		+ RSTRT_UNEXPECTED			
9		? TIMEOUT TD		FAIL	9
10		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

9 No response

Table 739. Test Case Dynamic Behavior

Test Case Name	: P16_201
Group	: J1/J1_Improper/
Purpose	: Verify the IUT resets a too short Interrupt packet received in state J1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Interrupt_Packet_too_short START TD	INT_SHT (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 38))) OR (Reset .resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause .dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1_UNEXPECTED			
11		GOTO L1			
12		+ RSTRT_UNEXPECTED			
13		? TIMEOUT TD		FAIL	13
14		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, not allowed, too short

13 No response

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Table 740. Test Case Dynamic Behavior

Test Case Name	: P16_202
Group	: J1/J1_Improper/
Purpose	: Verify the IUT resets a too long Interrupt (1 or 32 octets appended) received in state J1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Com-ments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Interrupt [CCITT_80] START TD	INT_L1 (LCI)		
4		+ P16_202_SUBTREE			
5		! Interrupt [(CCITT_84) OR (ISO)] START TD	INT_L32 (LCI)		
6		+ P16_202_SUBTREE			

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7.33 Verification of DXE interrupt sent state J2

Table 741. Test Case Dynamic Behavior

Test Case Name : P17_201
Group : J2/J2_Improper/
Purpose : Verify the IUT resets a too short Interrupt received in state J2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Interrupt START TD_RESP	INT_0 (LCI)		
4		? TIMEOUT TD_RESP			
5		! Interrupt_Packet_too_short START TD_RESP	INT_SHT (LCI)		
6	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 38) OR (Reset.diagnostic_code = 44))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 38) OR (Clear.diagnostic_code = 44))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
9		+ D_STATE_CLR			
10		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause .dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 38) OR (Restart.diagnostic_code = 44))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
11		+ D_STATE_RES			
12		+ D1_UNEXPECTED			
13		GOTO L1			
14		? TIMEOUT TD_RESP		FAIL	
15		+ J2_UNEXPECTED			
16		+ J2_UNEXPECTED			

Detailed Comments:

6 No information, not allowed, too short, unauthorized Interrupt

Table 742. Test Case Dynamic Behavior

Test Case Name : P17_202
Group : J2/J2_Improper/
Purpose : Verify the IUT resets a too long Interrupt packet (1 or 32 octets appended) received in state J2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Interrupt START TD_RESP	INT_0 (LCI)		
4		? TIMEOUT TD_RESP			
5		! Interrupt [CCITT_80] START TD_RESP	INT_L1 (LCI)		
6		+ P17_202_SUBTREE			
7		! Interrupt [(CCITT_84) OR (ISO)] START TD_RESP	INT_L32 (LCI)		
8		+ P17_202_SUBTREE			
9		+ J2_UNEXPECTED			

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Table 743. Test Case Dynamic Behavior

Test Case Name	: P17_301
Group	: J2/J2_Inopportune/
Purpose	: Verify the IUT resets an Interrupt packet received in state J2
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Interrupt START TD_RESP	INT_0 (LCI)		
4		? TIMEOUT TD_RESP			
5		! Interrupt START TD_RESP	INT_0 (LCI)		
6	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 44))) OR (Reset .resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	6
7		+ D2_POSTAMBLE			
8		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 44))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
9		+ D_STATE_CLR			
10		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause .dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 44))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
11		+ D_STATE_RES			
12		+ D1_UNEXPECTED			
13		GOTO L1			
14		? TIMEOUT TD_RESP		FAIL	
15		+ J2_UNEXPECTED			
16		+ J2_UNEXPECTED			

Detailed Comments:

6 No information, not allowed, unauthorized Interrupt

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7.34 Verification of DXE receive ready state F1

Table 744. Test Case Dynamic Behavior

Test Case Name	: P18_101
Group	: F1/F1_Proper/
Purpose	: Verify the IUT will accept a window of DATA packets received in state F1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5		+ P1_PREAMBLE (ANY_VC) + P4D1_PREAMBLE REPEAT EXCH_DAT UNTIL [COUNT = DEF_WIN_SZ] [COUNT = DEF_WIN_SZ] + D1_POSTAMBLE		(PASS)	3

Detailed Comments:

3 Send a window full of Data packets to the IUT

Table 745. Test Case Dynamic Behavior

Test Case Name	: P18_102
Group	: F1/F1_Proper/
Purpose	: Verify the IUT accepts an RNR packet after receiving a window of Data packets in state F1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4 5 6 7 8 9 10 11 12 13 14	L1	+ P1_PREAMBLE (ANY_VC) + P4D1_PREAMBLE REPEAT EXCH_DAT UNTIL [COUNT = DEF_WIN_SZ] ! Receive_Not_Ready (Receive_Not_Ready.ack_info.pr_mod8 := PR) START TD ? TIMEOUT TD ! Receive_Ready (Receive_Ready.ack_info.pr_mod8 := PR) + D1_POSTAMBLE ? Data CANCEL TD + D1C_UNEXPECTED GOTO L1 + RSET_UNEXPECTED + CLR_UNEXPECTED + RSTRT_UNEXPECTED ? OTHERWISE CANCEL TD	RNR_A (LCI) RR_A (LCI) DAT_1 (LCI)	(PASS) FAIL FAIL	3

Detailed Comments:

3 Send a window full of Data packets to the IUT

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Table 746. Test Case Dynamic Behavior

Test Case Name : P18_201
Group : F1/F1_Improper/
Purpose : Verify the IUT resets or discards a too long RR packet (one octet appended) received in state F1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Com-ments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Receive_Ready_Error START TD	RR_L (LCI)		
4	L1	? TIMEOUT TD		(PASS)	4
5		+ D1_POSTAMBLE			
6		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	
7		+ D2_POSTAMBLE			
8		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	8
9		+ D_STATE_CLR			
10		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
11		+ D_STATE_RES			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ CLR_UNEXPECTED			
15		+ RSTRT_UNEXPECTED			
16		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response
8 No information, not allowed, too long

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Table 747. Test Case Dynamic Behavior

Test Case Name	: P18_202
Group	: F1/F1_Improper/
Purpose	: Verify the IUT resets or discards a too long RNR packet received in state F1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Receive_Not_Ready_Error START TD	RNR_L (LCI)		
4	L1	? TIMEOUT TD		(PASS)	4
5		+ D1_POSTAMBLE			
6		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	
7		+ D2_POSTAMBLE			
8		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	8
9		+ D_STATE_CLR			
10		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
11		+ D_STATE_RES			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ CLR_UNEXPECTED			
15		+ RSTRT_UNEXPECTED			
16		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response

8 No information, not allowed, too long

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Table 748. Test Case Dynamic Behavior

Test Case Name : P18_301
Group : F1/F1_Inopportune/
Purpose : Verify the IUT resets an RR with an invalid P(R) received in state F1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Receive_Ready (Receive_Ready.ack_info.pr_mod8 := 7) START TD	RR_7 (LCI)		3
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 2))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 2))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	6
7		+ D_STATE_CLR			
8		? Restart [(RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 2))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1C_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	14
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 P(R) = 7
6 No information, invalid P(R)
14 No response

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Table 749. Test Case Dynamic Behavior

Test Case Name : P18_302
Group : F1/F1_Inopportune/
Purpose : Verify the IUT resets an RNR with an invalid P(R) received in state F1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Receive_Not_Ready (Receive_Not_Ready.ack_info.pr_mod8 := 7) START TD	RNR_7 (LCI)		3
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 2))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 2))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	6
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 2))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1C_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	14
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 P(R) = 7
6 No information, invalid P(R)
14 No response

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7.35 Verification of DXE receive not ready state F1

Table 750. Test Case Dynamic Behavior

Test Case Name : P19_101
Group : F2/F2_Proper/
Purpose : Verify the IUT accepts a RR packet received in state F2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Receive_Not_Ready START TD	RNR_0 (LCI)		
4	L1	? TIMEOUT TD			
5		! Receive_Ready START TD	RR_0 (LCI)		
6	L2	? TIMEOUT TD		(PASS)	
7		+ D1_POSTAMBLE			
8		+ D1C_UNEXPECTED			
9		GOTO L2			
10		+ CLR_UNEXPECTED			
11		+ RSTRT_UNEXPECTED			
12		? OTHERWISE CANCEL TD		FAIL	
13		+ D1C_UNEXPECTED			
14		GOTO L1			
15		+ CLR_UNEXPECTED			
16		+ RSTRT_UNEXPECTED			
17		? OTHERWISE CANCEL		FAIL	

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Table 751. Test Case Dynamic Behavior

Test Case Name	: P19_201
Group	: F2/F2_Improper/
Purpose	: Verify the IUT discards a too long RR packet (one octet appended) received in state F2.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Receive_Not_Ready START TD	RNR_0 (LCI)		
4	L1	? TIMEOUT TD			
5		! Receive_Ready_Error START TD	RR_L (LCI)		5
6	L2	? TIMEOUT TD		(PASS)	6
7		+ D1_POSTAMBLE			
8		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	8
9		+ D2_POSTAMBLE			
10		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
11		+ D_STATE_CLR			
12		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
13		+ D_STATE_RES			
14		+ D1C_UNEXPECTED			
15		GOTO L2			
16		+ CLR_UNEXPECTED			
17		+ RSTRT_UNEXPECTED			
18		? OTHERWISE CANCEL TD		FAIL	
19		+ D1C_UNEXPECTED			
20		GOTO L1			
21		+ CLR_UNEXPECTED			
22		+ RSTRT_UNEXPECTED			
23		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5	P(R) = 7
6	No response
8	No information, not allowed, too long

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Table 752. Test Case Dynamic Behavior

Test Case Name : P19_202
Group : F2/F2_Improper/
Purpose : Verify the IUT resets or discards a too long RNR packet (one octet appended) received in state F2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Receive_Not_Ready START TD	RNR_0 (LCI)		
4	L1	? TIMEOUT TD			
5		! Receive_Not_Ready_Error START TD	RNR_L (LCI)		5
6	L2	? TIMEOUT TD		(PASS)	6
7		+ D1_POSTAMBLE			
8		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	8
9		+ D2_POSTAMBLE			
10		? Clear [(CLR_ON_ERR_R) AND ((((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
11		+ D_STATE_CLR			
12		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
13		+ D_STATE_RES			
14		+ D1C_UNEXPECTED			
15		GOTO L2			
16		+ CLR_UNEXPECTED			
17		+ RSTRT_UNEXPECTED			
18		? OTHERWISE CANCEL TD		FAIL	
19		+ D1C_UNEXPECTED			
20		GOTO L1			
21		+ CLR_UNEXPECTED			
22		+ RSTRT_UNEXPECTED			
23		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 P(R) = 7
6 No response
8 No information, not allowed, too long

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Table 753. Test Case Dynamic Behavior

Test Case Name : P19_301
Group : F2/F2_Inopportune/
Purpose : Verify the IUT resets an RR with an invalid P(R) received in state F2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Receive_Not_Ready START TD	RNR_0 (LCI)		
4	L1	? TIMEOUT TD			
5		! Receive_Ready (Receive_Ready.ack_info.pr_mod8 := 7) START TD	RR_7 (LCI)		5
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 2))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	
7		+ D2_POSTAMBLE			
8		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 2))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	8
9		+ D_STATE_CLR			
10		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 2))) OR (Restart.restarting_cause .dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
11		+ D_STATE_RES			
12		+ D1C_UNEXPECTED			
13		GOTO L2			
14		+ CLR_UNEXPECTED			
15		+ RSTRT_UNEXPECTED			
16		? TIMEOUT TD		FAIL	16
17		? OTHERWISE CANCEL TD		FAIL	
18		+ D1C_UNEXPECTED			
19		GOTO L1			
20		+ CLR_UNEXPECTED			
21		+ RSTRT_UNEXPECTED			
22		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 P(R) = 7
8 P(R) invalid
16 No response

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Table 754. Test Case Dynamic Behavior

Test Case Name : P19_302
Group : F2/F2_Inopportune/
Purpose : Verify the IUT resets an RNR with an invalid P(R) received in state F2.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Receive_Not_Ready START TD	RNR_0 (LCI)		
4	L1	? TIMEOUT TD			
5		! Receive_Not_Ready (Receive_Not_Ready.ack_info.pr_mod8 := 7) START TD	RNR_7 (LCI)		5
6	L2	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 2))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	
7		+ D2_POSTAMBLE			
8		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 2))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	8
9		+ D_STATE_CLR			
10		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 2))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
11		+ D_STATE_RES			
12		+ D1C_UNEXPECTED			
13		GOTO L2			
14		+ CLR_UNEXPECTED			
15		+ RSTRT_UNEXPECTED			
16		? TIMEOUT TD		FAIL	16
17		? OTHERWISE CANCEL TD		FAIL	
18		+ D1C_UNEXPECTED			
19		GOTO L1			
20		+ CLR_UNEXPECTED			
21		+ RSTRT_UNEXPECTED			
22		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

5 P(R) = 7
8 P(R) invalid
16 No response

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7.36 Verification of DTE receive ready state G1

Table 755. Test Case Dynamic Behavior

Test Case Name	: P20_101
Group	: G1/G1_Proper/
Purpose	: Verify the IUT is capable of receiving both values of the Q-bit received in state G1.
Default	:
Comments	: See PIXIT question 2.15

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		REPEAT EXCH_DAT_QBIT_A UNTIL [COUNT > 8]			
4		[COUNT > 8]		(PASS)	
5		+ D1_POSTAMBLE			

Table 756. Test Case Dynamic Behavior

Test Case Name	: P20_102
Group	: G1/G1_Proper/
Purpose	: Verify the IUT can accept a Data packet with no user data received in state G1.
Default	:
Comments	: See PIXIT question 2.16

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		REPEAT EXCH_DAT_EMPTY UNTIL [COUNT > 8]			
4		! Data	D_EMPTY (LCI, PS, PR)	(PASS)	
5		+ RX_DATA			
6		+ D1_POSTAMBLE			

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Table 757. Test Case Dynamic Behavior

Test Case Name : P20_201
Group : G1/G1_Improper/
Purpose : Verify the IUT discards, Rejects or Resets a too long Data packet received in state G1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Com-ments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Data START TD	D_L (LCI)		3
4	L1	? TIMEOUT TD			
5		[(CCITT_80) OR (CCITT_84)]		FAIL	
6		[ISO]		(PASS)	
7		+ D1_POSTAMBLE			
8		? Reject [REJ_SUPP] CANCEL TD	REJ_1 (LCI)		
9		! Data	D_ONE (LCI)	(PASS)	
10		+ D1_POSTAMBLE			
11		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	
12		+ D2_POSTAMBLE			
13		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear.diagnostic_code = 39))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	13
14		+ D_STATE_CLR			
15		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
16		+ D_STATE_RES			
17		+ D1_UNEXPECTED			
18		GOTO L1			
19		+ CLR_UNEXPECTED			
20		+ RSTRT_UNEXPECTED			
21		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 Data packet information field contains the maximum user data size + 1 octet
13 No information, not allowed, too long

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Table 758. Test Case Dynamic Behavior

Test Case Name : P20_203
Group : G1/G1_Improper/
Purpose : Verify the IUT discards, Reject or Resets a too long Data packet with the M-bit set, received in state G1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Data START TD	D_ML (LCI)		
4	L1	? TIMEOUT TD			
5		[(CCITT_80) OR (CCITT_84)]		FAIL	
6		[ISO]		(PASS)	
7		+ D1_POSTAMBLE			
8		? Reject [REJ_SUPP] CANCEL TD	REJ_1A (LCI)	(PASS)	
9		! Data	D_ONE (LCI)	(PASS)	
10		+ D1_POSTAMBLE			
11		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 32) OR (Reset.diagnostic_code = 39))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	11
12		+ D2_POSTAMBLE			
13		? Clear [(CLR_ON_ERR_R) AND ((((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 32) OR (Clear diagnostic_code = 39))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
14		+ D_STATE_CLR			
15		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND ((((Restart.restarting_cause.dte_Initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 32) OR (Restart.diagnostic_code = 39))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
16		+ D_STATE_RES			
17		+ D1_UNEXPECTED			
18		GOTO L1			
19		+ CLR_UNEXPECTED			
20		+ RSTRT_UNEXPECTED			
21		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

11 No information, not allowed, too long

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Table 759. Test Case Dynamic Behavior

Test Case Name	: P20_301
Group	: G1/G1_Inopportune/
Purpose	: Verify the IUT resets a Data packet with bad P(R) received in state G1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE_A			
3		! Data (Data.flow_control_info.modulo_8.p_r := 7) START TD	D_PR7 (LCI)		3
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 2))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 2))) OR (Clear.clearing_cause .dte_Initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	6
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 2))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1C_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	14
15		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3	P(R) = 7, P(S) = 0
6	No information, invalid P(R)
14	No response

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Table 760. Test Case Dynamic Behavior

Test Case Name : P20_302
Group : G1/G1_Inopportune/
Purpose : Verify the IUT resets, rejects, or discards a Data packet with bad P(S) received in state G1.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Data (Data.flow_control_info.modulo_8.p_s := 7) START TD	D_PS7 (LCI)		
4	L1	? TIMEOUT TD			4
5		[(CCITT_80) OR (CCITT_84)]		(PASS)	
6		+ D1_POSTAMBLE			
7		[ISO]		FAIL	7
8		? Reject [REJ_SUPP] CANCEL TD	REJ_1 (LCI)	(PASS)	
9		! Data	D_ONE (LCI)		
10		+ D1_POSTAMBLE			
11		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 1))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	
12		! Reset_Confirmation	RSTC_0 (LCI)		
13		+ D1_POSTAMBLE			
14		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 1))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	14
15		+ D_STATE_CLR			
16		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 1))) OR (Restart .restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
17		+ D_STATE_RES			
18		+ D1C_UNEXPECTED			
19		GOTO L1			
20		+ CLR_UNEXPECTED			
21		+ RSTRT_UNEXPECTED			
22		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No response
7 See ISO 8208 clause 11.3b
14 No information, invalid P(R)

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Table 761. Test Case Dynamic Behavior

Test Case Name : P20_308
Group : G1/G1_Inopportune/
Purpose : Verify the IUT resets a Data packet with D-bit set, when Delivery Confirmation is not used in state G1.
Default :
Comments : This test is only valid if the IUT supports Delivery Confirmation negotiation.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE_A			
3		! Data START TD	D_DBIT (LCI)		
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 160) OR (Reset.diagnostic_code = 166))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	4
5		+ D2_POSTAMBLE			
6		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 160) OR (Clear.diagnostic_code = 166))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
7		+ D_STATE_CLR			
8		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND (Restart.diagnostic_code = 0)) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ D_STATE_RES			
10		+ D1_UNEXPECTED			
11		GOTO L1			
12		+ CLR_UNEXPECTED			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD			
15		[CCITT_80 OR CCITT_84]		(PASS)	
16		+ D1_POSTAMBLE			
17		[ISO]		FAIL	
18		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 No information, DTE-Specific Signals, D-bit procedure not supported

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7.37 Data transfer test cases

Table 762. Test Case Dynamic Behavior

Test Case Name	: P22_101
Group	: DATA_TRANSFER/DATA_TRANSFER_Proper/
Purpose	: Verify the IUT can transmit full window of Data packets and observe the maximum window size.
Default	:
Comments	: The Tester and IUT will use the same window size derived from PIXIT 1.9a.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		REPEAT EXCH_DAT_NOACK UNTIL [COUNT = DEF_WIN_SZ]			
4		< IUT ! Data >	DAT_1A (LCI, PR)		
5		START TD			
6	L1	? TIMEOUT TD			6
7		! Receive_Ready (Receive_Ready.ack_info.pr_mod8 := PR) START TD(2*TD_RESPONSE)	RR_A (LCI)		7
8	L2	? Data [(Data.flow_control_info.modulo_8.p_r + SEQ_MODULO - PT) MOD SEQ_MODULO < = (PS + SEQ_MODULO - PT) MOD SEQ_MODULO] (PR := (Data.flow_control_info.modulo_8.p_s + 1) MOD SEQ_MODULO, PT := Data.flow_control_info.modulo_8.p_r)	DAT_1A (LCI, PR)	(PASS)	
9		+ D1_POSTAMBLE			
10		? Receive_Ready (PT := Receive_Ready.ack_info.pr_mod8)	RR_1 (LCI)		
11		GOTO L2			
12		+ RX_INTERRUPT			
13		GOTO L2			
14		? Receive_Not_Ready (PT := Receive_Not_Ready.ack_info.pr_mod8) CANCEL	RNR_1 (LCI)	INCONC	
15		? Reject [REJ_SUPP] (PT := Reject.ack_info.pr_mod8) CANCEL	REJ_1A (LCI)	INCONC	
16		+ RSET_UNEXPECTED			
17		+ CLR_UNEXPECTED			
18		+ RSTRT_UNEXPECTED			
19		? TIMEOUT TD		FAIL	19
20		? OTHERWISE CANCEL		FAIL	
21		? Data CANCEL	DAT_1A (LCI, PR)	FAIL	21
22		+ D1C_UNEXPECTED			
23		GOTO L1			
24		+ RSET_UNEXPECTED			
25		+ CLR_UNEXPECTED			
26		+ RSTRT_UNEXPECTED			
27		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

6	Receiver queues data from implicit send above.
7	Open window
19	The IUT did not send the requested Data packet after the Testers receive window was opened
21	Received a data packet outside the window when the window was closed

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Table 763. Test Case Dynamic Behavior

Test Case Name	: P22_102
Group	: DATA_TRANSFER/DATA_TRANSFER_Proper/
Purpose	: Verify the IUT will not send Data packets when the receiver (Tester) is in the Busy condition (RNR).
Default	:
Comments	: The Tester and IUT will use the same window size derived from PIXIT 1.9a.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		REPEAT EXCH_DAT UNTIL [COUNT = DEF_WIN_SZ]			
4		! Receive_Not_Ready (Receive_Not_Ready.ack_info.pr_mod8 := PR)	RNR_0 (LCI)		4
5		< IUT ! Data >	DAT_1 (LCI)		5
6		START TD			
7	L1	? Data	DAT_1 (LCI)	FAIL	
8		? TIMEOUT TD		(PASS)	
9		! Receive_Ready (Receive_Ready.ack_info.pr_mod8 := PR)	RR_0 (LCI)		9
10		+ RX_DATA			10
11		+ D1_POSTAMBLE			
12		+ D1C_UNEXPECTED			
13		GOTO L1			
14		+ RSET_UNEXPECTED			
15		+ CLR_UNEXPECTED			
16		+ RSTRT_UNEXPECTED			
17		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

4 Put IUT in the remote busy state

5 After the RNR has been sent to the IUT, attempt to send a Data packet from the IUT to the Tester. The IUT should not transmit the Data packets because it is in the Remote Busy state

9 IUT in state D1

10 After the busy condition is removed the queued Data packet should be sent to the Tester

Table 764. Test Case Dynamic Behavior

Test Case Name	: P22_105
Group	: DATA_TRANSFER/DATA_TRANSFER_Proper/
Purpose	: Verify the IUT properly processes the sequence number modulo.
Default	:
Comments	: The Tester and IUT will use the same window size derived from PIXIT 1.9a.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		REPEAT EXCH_DAT UNTIL [COUNT = (SEQ_MODULO + 3)]			3
4		[PR = COUNT MOD SEQ_MODULO]		(PASS)	4
5		+ D1_POSTAMBLE			
6		[PR < > COUNT MOD SEQ_MODULO]		FAIL	

Detailed Comments:

3 Exchange SEQ_MODULO of Data packets + 3

4 Check that a full window of Data packets has been received from the IUT, the Tester's P(R) value is the total number of Data packets transmitted to the Tester modulo the Sequence Modulo (8 or 128)

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Table 765. Test Case Dynamic Behavior

Test Case Name : P22_106
Group : DATA_TRANSFER/DATA_TRANSFER_Proper/
Purpose : Verify the IUT supports Data packets with the M-bit set.
Default :
Comments : See PIXIT 2.17 questions for user supplied Data packets.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		REPEAT EXCH_DAT_MBIT UNTIL [COUNT > = 9]			3
4		[PR = (COUNT MOD SEQ_MODULO)]		(PASS)	4
5		+ D1_POSTAMBLE			
6		[PR < > (COUNT MOD SEQ_MODULO)]		FAIL	

Detailed Comments:

3 Send all the packets specified in PIXIT 2.17
4 Verify the IUT has acknowledged all the transmitted packets

Table 766. Test Case Dynamic Behavior

Test Case Name : P22_202
Group : DATA_TRANSFER/DATA_TRANSFER_Improper/
Purpose : Verify the IUT resets a Data packet with an M-bit violation received in state D1.
Default :
Comments : This test case is only applicable to ISO 8208 IUTs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Data START TD	D_M4 (LCI)		3
4	L1	? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 160) OR (Reset.diagnostic_code = 165))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL TD	RST_1 (LCI)		4
5		! Reset_Confirmation	RSTC_0 (LCI)	(PASS)	
6		+ D1_POSTAMBLE			
7		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND (Clear .diagnostic_code= 0)) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL TD	CLR_1 (LCI)	(PASS)	
8		+ D_STATE_CLR			
9		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND (Restart.diagnostic_code = 0)) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TD	STRT_1DTEA	(PASS)	
10		+ D_STATE_RES			
11		+ D1C_UNEXPECTED			
12		GOTO L1			
13		+ CLR_UNEXPECTED			
14		+ RSTRT_UNEXPECTED			
15		? TIMEOUT TD		FAIL	
16		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 User data field defined in PIXIT 2.18
4 No information, DTE-specific signal, invalid partially full Data packet

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Table 767. Test Case Dynamic Behavior

Test Case Name	: P22_203
Group	: DATA_TRANSFER/DATA_TRANSFER_Improper/
Purpose	: Verify the IUT resets a Data packet with a changing Q bit.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1 2 3 4		+ P1_PREAMBLE (ANY_VC) + P4D1_PREAMBLE REPEAT EXCH_DAT_QBIT UNTIL [COUNT > 8] [COUNT > 8]		 FAIL	 4

Detailed Comments:

4 If the tester has not received a Reset, Clear, or Restart after the transmission of nine data packets as specified in PIXIT 2.14, a Fail verdict is assigned

Table 768. Test Case Dynamic Behavior

Test Case Name	: P22_204
Group	: DATA_TRANSFER/DATA_TRANSFER_Improper/
Purpose	: Verify the IUT resets or rejects a Data packet with invalid P(S) received in state D1.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Data (Data.flow_control_info.modulo_8.p_s := 7) START TD	D_PS7 (LCI)		
4	L2	? Reject [REJ_SUPP] CANCEL TD	REJ_1A (LCI)		
5		+ P22_204_SUBTREE			
6		? Reset [((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 1))) OR (Reset.resetting_cause.dte_initiated = 128)] CANCEL TD	RST_1 (LCI)		
7		! Reset_Confirmation	RSTC_0 (LCI)		
8		+ P22_204_SUBTREE			
9		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND (Clear .diagnostic_code = 0)) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)		
10		+ D_STATE_CLR			
11		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND (Restart.diagnostic_code = 0)) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA		
12		+ D_STATE_RES			
13		+ D1C_UNEXPECTED			
14		GOTO L2			
15		+ CLR_UNEXPECTED			
16		+ RSTRT_UNEXPECTED			
17		? TIMEOUT TD		FAIL	
18		? OTHERWISE CANCEL TD		FAIL	

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7.38 Verification of DTE timers

Table 769. Test Case Dynamic Behavior

Test Case Name	: P23_101
Group	: TIMER/TIMER_Proper/
Purpose	: Verify T20 timer operation.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		+ R2_PREAMBLE			
3		START TT20 (T20 - TDELTA)			
4		? TIMEOUT TT20			
5		START TDEL (TDELTA * 2)			
6		? Restart [(((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 16) OR (Restart.diagnostic_code = 17) OR (Restart.diagnostic_code = 48) OR (Restart.diagnostic_code = 52))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL TDEL	STRT_1DTEA	(PASS)	6
7		+ GEN2_POSTAMBLE			
8		? TIMEOUT TDEL			8
9		[(CCITT_80) OR (CCITT_84)]		(PASS)	
10		+ GEN2_POSTAMBLE			
11		[ISO]		FAIL	
12		? OTHERWISE CANCEL TDEL		FAIL	
13		+ RSTRT_UNEXPECTED			
14		? OTHERWISE CANCEL TT20		FAIL	

Detailed Comments:

6 No information, invalid packet type, invalid for state R1, timer expired, timer expired, timer expired or retransmission count surpassed for Restart Request

8 For CCITT X.25 1980 and 1984 the IUT may take no action

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Table 770. Test Case Dynamic Behavior

Test Case Name : P23_102
Group : TIMER/TIMER_Proper/
Purpose : Verify T21 timer operation.
Default :
Comments : This test case is not applicable to IUTs that support only PVCs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Com-ments
1		+ P1_PREAMBLE (TVC_OR_OVC)			
2		+ P2_PREAMBLE			
3		START TT21 (T21 - TDELTA)			
4		? TIMEOUT TT21			
5		START TDEL (TDELTA * 2)			
6		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 48) OR (Clear.diagnostic_code = 49))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	6
7		+ GEN1_POSTAMBLE			
8		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 48) OR (Restart.diagnostic_code = 49))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
9		+ GEN2_POSTAMBLE			
10		? TIMEOUT TDEL			10
11		[(CCITT_80) OR (CCITT_84)]		(PASS)	
12		+ R1_POSTAMBLE			
13		[ISO]			
14		+ RSTRT_UNEXPECTED			
15		? OTHERWISE CANCEL TT21		FAIL	
16		+ RSTRT_UNEXPECTED			
17		? OTHERWISE CANCEL TT21		FAIL	

Detailed Comments:

6 IUT Clears after expiry of T21. For CCITT X.25 1980 and 1984 IUTs the diagnostic code field is optional

10 CCITT X.25 1980 and 1984 IUTs are not required to Clear after expiry of T21

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Table 771. Test Case Dynamic Behavior

Test Case Name : P23_103
Group : TIMER/TIMER_Proper/
Purpose : Verify T22 timer operation for VCs and PVCs.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		+ D2_PREAMBLE			
4		START TT22 (T22 - TDELTA)			
5		? TIMEOUT TT22			
6		START TDEL (TDELTA * 2)			
7		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 2) OR (Reset.diagnostic_code = 48) OR (Reset.diagnostic_code = 51))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	7
8		+ D2_POSTAMBLE			
9		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND ((Clear .diagnostic_code = 0) OR (Clear.diagnostic_code = 48) OR (Clear.diagnostic_code = 51))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
10		+ D_STATE_CLR			
11		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart.diagnostic_code = 0) OR (Restart.diagnostic_code = 48) OR (Restart.diagnostic_code = 51))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
12		+ D_STATE_RES			
13		? TIMEOUT TDEL			
14		[(CCITT_80) OR (CCITT_84)]			
15		[(LC > = LPV) AND (LC < = HPV)]		(PASS)	15
16		+ D2_POSTAMBLE			
17		[LC < > LPV]		FAIL	
18		[ISO]		FAIL	
19		+ RSTRT_UNEXPECTED			
20		? OTHERWISE CANCEL		FAIL	
21		+ CLR_UNEXPECTED			
22		+ RSTRT_UNEXPECTED			
23		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

7 No information, invalid P(R), timer expired, or timer expired or retransmission count surpassed for Reset Request
15 For CCITT X.25 1980 and CCITT X.25 1984 IUTs are not required to Reset after expiry of T22

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Table 772. Test Case Dynamic Behavior

Test Case Name	: P23_105
Group	: TIMER/TIMER_Proper/
Purpose	: Verify T23 timer operation
Default	:
Comments	: This test case in not applicable to PVCs.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Com-ments
1		+ P1_PREAMBLE (SVC)			
2		+ P6_PREAMBLE			
3		START TT23 (T23 - TDELTA)			
4		? TIMEOUT TT23			
5		START TDEL (TDELTA * 2)			
6		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 16) OR (Clear.diagnostic_code = 20) OR (Clear.diagnostic_code = 48) OR (Clear.diagnostic_code = 50))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	6
7		+ GEN1_POSTAMBLE			
8		? TIMEOUT TDEL			
9		[(CCITT_80) OR (CCITT_84)]		(PASS)	
10		+ GEN1_POSTAMBLE			
11		[ISO]		FAIL	
12		? OTHERWISE CANCEL		FAIL	
13		+ RSTRT_UNEXPECTED			
14		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

6 No information, packet type invalid, invalid for P1, timer expired, timer expired or retransmission count surpassed for Clear Request

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Table 773. Test Case Dynamic Behavior

Test Case Name	: P23_107
Group	: TIMER/TIMER_Proper/
Purpose	: Verify T25 timer operation for VCs and PVCs.
Default	:
Comments	: This test case is only applicable when the DTE implements ISO 8208 timers T24, T25, T27, and/or T28. CCITT X.25 1980 and 1984 do not specify timers T24 through T27. ISO 8208 does not specify T26 as optional, whereas T24, T25, T27, and T28 are specified as optional.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		REPEAT EXCH_DAT_NOACK UNTIL [COUNT = DEF_WIN_SZ]			
4		START TT25 (T25 - TDELTA)			
5	L2	? TIMEOUT TT25			
6		START TDEL (TDELTA * 2)			
7		(COUNT := 0)			
8	L1	? Data	DAT_1A (LCI, COUNT)		
9		(COUNT := COUNT + 1)			
10		[COUNT MOD SEQ_MODULO = PR]		(PASS)	
11		+ D1_POSTAMBLE			
12		[COUNT MOD SEQ_MODULO < PR]			
13		GOTO L1			
14		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 144) OR (Reset.diagnostic_code = 146))) OR (Reset.resetting_cause .dte_initiated = 128))]	RST_1 (LCI)	(PASS)	14
15		? Data	DAT_1 (LCI)	FAIL	
16		? Reset	RST_1 (LCI)	FAIL	
17		+ D1C_UNEXPECTED			
18		GOTO L1			
19		+ CLR_UNEXPECTED			
20		+ RSTRT_UNEXPECTED			
21		? TIMEOUT TDEL		FAIL	
22		? OTHERWISE CANCEL		FAIL	
23		+ D1C_UNEXPECTED			
24		GOTO L2			
25		+ CLR_UNEXPECTED			
26		+ RSTRT_UNEXPECTED			
27		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

14 Valid behavior if R25 = 0.

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Table 774. Test Case Dynamic Behavior

Test Case Name : P23_108
Group : TIMER/TIMER_Proper/
Purpose : Verify T26 timer operation for VCs and PVCs.
Default :
Comments : This test case is only applicable when the DTE implements ISO 8208 timers T24, T25, T27 and/or T28. CCITT X.25 1980 and 1984 do no specify timers T24 trhough T27. ISO 8208 does not specify T26 as optional, whereas T24, T25, T27, and T28 are specified as optional.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		< IUT ! Interrupt >	INT_1 (LCI)		
4		START IUT_TO			
5		? Interrupt CANCEL IUT_TO	INT_1 (LCI)		
6		START TT26 (T26 - TDELTA)			
7		? TIMEOUT TT26			
8		START TDEL (TDELTA * 2)			
9		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 144) OR (Reset.diagnostic_code = 145))) OR (Reset.resetting_cause .dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	
10		+ D2_POSTAMBLE			
11		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) OR (Clear.diagnostic_code = 0)) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
12		+ D_STATE_CLR			
13		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_Initiated = 0) AND (Restart.diagnostic_code = 0)) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
14		+ D_STATE_RES			
15		? TIMEOUT TDEL		FAIL	
16		? OTHERWISE CANCEL		FAIL	
17		+ RSET_UNEXPECTED			
18		+ CLR_UNEXPECTED			
19		+ RSTRT_UNEXPECTED			
20		? OTHERWISE CANCEL TT26		FAIL	
21		+ CLR_UNEXPECTED			
22		+ RSTRT_UNEXPECTED			
23		? OTHERWISE CANCEL		FAIL	
24		? TIMEOUT IUT_TO		INCONC	

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Table 775. Test Case Dynamic Behavior

Test Case Name : P23_109
Group : TIMER/TIMER_Proper/
Purpose : Verify T27 timer operation for VCs and PVCs.
Default :
Comments : This test case is only applicable when the DTE implements ISO 8208 timers T24, T25, T27 and/or T28. CCITT X.25 1980 and 1984 do not specify timers T24 through T27. ISO 8208 does not specify T26 as optional, whereas T24, T25, T27, and T28 are specified as optional. NOTE: This test case is only applicable to IUTs that implement the reset procedure.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (ANY_VC)			
2		+ P4D1_PREAMBLE			
3		! Data (Data.flow_control_info.modulo_8.p_s := 1, Data.flow_control_info .modulo_8.p_r := 0) START TD	D_ONE (LCI)		
4		? Reject CANCEL TD	REJ_1 (LCI)		
5		START TT27 (T27 - 1DELTA)			
6		? TIMEOUT TT27			
7		START TDEL (T27 - TDELTA)			
8		? Reject CANCEL	REJ_1 (LCI)		
9		! Data (Data.flow_control_info.modulo_8.p_s := 0, Data.flow_control_info .modulo_8.p_r := 0)	D_ONE (LCI)	(PASS)	
10		+ D1_POSTAMBLE			
11		? Reset [(((Reset.resetting_cause.dte_initiated = 0) AND ((Reset.diagnostic_code = 0) OR (Reset.diagnostic_code = 1) OR (Reset.diagnostic_code = 144) OR (Reset.diagnostic_code = 147))) OR (Reset.resetting_cause.dte_initiated = 128))] CANCEL	RST_1 (LCI)	(PASS)	11
12		+ D2_POSTAMBLE			
13		? Clear [(CLR_ON_ERR_R) AND (((Clear.clearing_cause.dte_initiated = 0) AND (Clear .diagnostic_code = 0)) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	
14		+ D_STATE_CLR			
15		? Restart [((RST_ON_ERR_R) OR (RST_ON_ERR_R_PVC)) AND (((Restart.restarting_cause.dte_initiated = 0) AND (Restart.diagnostic_code = 0)) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
16		+ D_STATE_RES			
17		+ CLR_UNEXPECTED			
18		+ RSTRT_UNEXPECTED			
19		? TIMEOUT TDEL		FAIL	
20		? OTHERWISE CANCEL TD		FAIL	
21		+ CLR_UNEXPECTED			
22		+ RSTRT_UNEXPECTED			
23		? OTHERWISE CANCEL TT27		FAIL	
24		+ RSTRT_UNEXPECTED			
25		+ CLR_UNEXPECTED			
26		? TIMEOUT TD		FAIL	
27		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

11 No information, invalid P(S), timer expired or retransmission count surpassed for Reject

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Table 776. Test Case Dynamic Behavior

Test Case Name	: P23_110
Group	: TIMER/TIMER_Proper/
Purpose	: Verify T28 timer operation for VCs and PVCs.
Default	:
Comments	: This test case is only applicable when the DTE implements ISO 8208 timers T24, T25, T27 and/or T28. CCITT X.25 1980 and 1984 do not specify timers T24 through T27. ISO 8208 does not specify T26 as optional, whereas T24, T25, T27, and T28 are specified as optional.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ R1_PREAMBLE (ANY_VC)			
2		< IUT ! Registration_Request >	REG_1		
3		START IUT_TO			
4		? Registration_Request CANCEL IUT_TO	REG_1		
5		START TT28 (T28 - TDELTA)			
6		? TIMEOUT TT28			
7		START TDEL (TDELTA * 2)			
8		? Registration_Request CANCEL	REG_1	(PASS)	
9		! Registration_Confirmation	REGC_0		9
10		+ R1_POSTAMBLE			
11		+ RSTRT_UNEXPECTED			
12		? TIMEOUT TDEL		FAIL	
13		? OTHERWISE CANCEL		FAIL	
14		+ RSTRT_UNEXPECTED			
15		? OTHERWISE CANCEL TT28		FAIL	
16		+ RSTRT_UNEXPECTED			
17		? TIMEOUT IUT_TO		FAIL	
18		? OTHERWISE CANCEL		FAIL	

Detailed Comments:

9 No diagnostic code for timer T28 Expired in ISO 8208

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7.39 Addressing test cases

Table 777. Test Case Dynamic Behavior

Test Case Name : P24_101
Group : ADDRESS/ADDRESS_Proper/
Purpose : Verify the IUT accepts an Incoming Call with maximum called address length.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD	CALL_M (LCI)		
3		? Accept CANCEL TD	ANSR_1M (LCI)	(PASS)	
4		+ P4_POSTAMBLE			
5		+ CLR_UNEXPECTED			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

7 No response

Table 778. Test Case Dynamic Behavior

Test Case Name : P24_102
Group : ADDRESS/ADDRESS_Proper/
Purpose : Verify the IUT accepts an Incoming Call with a valid calling and called address.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD	CALL_0 (LCI)		
3		? Accept CANCEL TD	ANSR_1 (LCI)	(PASS)	
4		+ P4_POSTAMBLE			
5		+ CLR_UNEXPECTED			
6		+ RSTRT_UNEXPECTED			
7		? TIMEOUT TD		FAIL	7
8		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

7 No response

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Table 779. Test Case Dynamic Behavior

Test Case Name	: P24_202
Group	: ADDRESS/ADDRESS_Improper/
Purpose	: Verify the IUT clears an Incoming call packet with an invalid called address.
Default	:
Comments	: Invalid addresses are considered to be those that are in conflict with the addresses supported by the IUT as stated in the PIXIT 2.2 and 2.3. This test case is only applicable to IUTs that verify addresses.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD	CALL_DINV (LCI)		2
3		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 64) OR (Clear.diagnostic_code = 67))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	3
4		+ GEN1_POSTAMBLE			
5		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 64) OR (Restart.diagnostic_code = 67))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
6		+ GEN2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? TIMEOUT TD		FAIL	
9		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

2 The invalid address used in given in PIXIT question 2.1d
3 No information, setup problem, invalid called

Table 780. Test Case Dynamic Behavior

Test Case Name	: P24_203
Group	: ADDRESS/ADDRESS_Improper/
Purpose	: Verify the IUT clears an Incoming Call packet with an invalid calling address.
Default	:
Comments	: Invalid addresses are considered to be those that are in conflict with the addresses supported by the IUT as stated in the PIXIT 2.2 and 2.3. This test case is only applicable to IUTs that verify addresses.

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD	CALL_GINV (LCI)		2
3		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code = 0) OR (Clear.diagnostic_code = 64) OR (Clear.diagnostic_code = 68))) OR (Clear.clearing_cause .dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	3
4		+ GEN1_POSTAMBLE			
5		? Restart [(RST_ON_ERR_C) AND (((Restart.restarting_cause.dte_initiated = 0) AND ((Restart .diagnostic_code = 0) OR (Restart.diagnostic_code = 64) OR (Restart.diagnostic_code = 68))) OR (Restart.restarting_cause.dte_initiated = 128))] CANCEL	STRT_1DTEA	(PASS)	
6		+ GEN2_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? TIMEOUT TD		FAIL	
9		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

2 The invalid address used is given in PIXIT question 2.1b
3 No information, setup problem, invalid calling

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7.40 Verification of DTE optional facilities

Table 781. Test Case Dynamic Behavior

Test Case Name	: P25_101
Group	: FACILITY/FACILITY_Proper/
Purpose	: Verify the IUT supports fast select acceptance with no restriction on response.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD	CALL_0FST (LCI)		
3		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code < 64) AND (Clear.diagnostic_code > 65))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	3
4		+ GEN1_POSTAMBLE			
5		? Accept CANCEL TD	ANSR_1A (LCI)	(PASS)	
6		+ P4_POSTAMBLE			
7		+ RSTRT_UNEXPECTED			
8		? TIMEOUT TD		FAIL	8
9		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 Any diagnostic code except; Registration Problem, facility/registration code not allowed
8 No response

Table 782. Test Case Dynamic Behavior

Test Case Name	: P25_102
Group	: FACILITY/FACILITY_Proper/
Purpose	: Verify the IUT supports fast select acceptance with restriction on response.
Default	:
Comments	:

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (TVC_OR_IVC)			
2		! Call START TD	CALL_0FSTR (LCI)		
3		? Clear [(((Clear.clearing_cause.dte_initiated = 0) AND ((Clear.diagnostic_code < 64) AND (Clear.diagnostic_code > 65))) OR (Clear.clearing_cause.dte_initiated = 128))] CANCEL	CLR_1 (LCI)	(PASS)	3
4		+ GEN1_POSTAMBLE			
5		+ RSTRT_UNEXPECTED			
6		? TIMEOUT TD		FAIL	6
7		? OTHERWISE CANCEL TD		FAIL	

Detailed Comments:

3 Any diagnostic code except; Registration Problem, facility/registration code not allowed
6 No response

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Table 783. Test Case Dynamic Behavior

Test Case Name : P25_103
Group : FACILITY/FACILITY_Proper/
Purpose : Verify the IUT accepts a Call Accept with user data, no restriction on response.
Default :
Comments :

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		< IUT ! Call >	CALL_1FST		
3		START IUT_TO			
4		? Call (LCI := Call.header.lc_id) CANCEL	CALL_1FST		
5		(LC := LCI)			
6		[((LC > = LTC) AND (LC < = HTC)) OR ((LC > = LOC) AND (LC < = HOC))]			
7		! Accept START TD	ANSR_0UD (LCI)		
8	L1	? TIMEOUT TD		(PASS)	
9		+ P4_POSTAMBLE			
10		? Clear CANCEL TD	CLR_1 (LCI)		
11		! Clear_Confirmation	CLRC_0 (LCI)	FAIL	
12		+ DIC_UNEXPECTED			
13		GOTO L1			
14		+ RSTRT_UNEXPECTED			
15		? OTHERWISE CANCEL TD		FAIL	
16		[(LC < LTC) OR (LC > HOC)]			
17		+ RSTRT_UNEXPECTED			
18		? TIMEOUT IUT_TO		FAIL	18
19		? OTHERWISE CANCEL IUT_TO		FAIL	

Detailed Comments:

18 No response

Table 784. Test Case Dynamic Behavior

Test Case Name : P25_104
Group : FACILITY/FACILITY_Proper/
Purpose : Verify the IUT supports a Clear Indication with user data < = 128 octets, no restriction on response.
Default :
Comments : NOTE: this test case only applies to ISO 8208 and CCITT X.25 1984 IUTs

Nr	Label	Behavior Description	Constraints Ref	Verdict	Comments
1		+ P1_PREAMBLE (NO_LC)			
2		< IUT ! Call >	CALL_1FST		
3		START IUT_TO			
4		? Call (LCI := Call.header.lc_id) CANCEL	CALL_1FST		4
5		(LC := LCI)			
6		[((LC > = LTC) AND (LC < = HTC)) OR ((LC > = LOC) AND (LC < = HOC))]			
7		! Accept	ANSR_0UD (LCI)		7
8		! Clear START TD	CLR_U0 (LCI)		8
9		? Clear_Confirmation CANCEL TD	CLRC_1 (LCI)	(PASS)	
10		+ R1_POSTAMBLE			
11		? Clear CANCEL TD	CLR_1 (LCI)	(PASS)	
12		+ R1_POSTAMBLE			
13		+ RSTRT_UNEXPECTED			
14		? TIMEOUT TD		FAIL	
15		? OTHERWISE CANCEL TD		FAIL	
16		[(LC < LTC) OR (LC > HOC)]		FAIL	
17		+ RSTRT_UNEXPECTED			
18		? TIMEOUT IUT_TO		FAIL	18
19		? OTHERWISE CANCEL IUT_TO		FAIL	

Detailed Comments:

4 Call Request with Fast Select no restriction on response, user data from PIXIT 2.7b
7 Call Accept with user data
8 Clear with user data from PIXIT 2.7e
18 No response

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