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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<br>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_DTE | | |
| 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

## 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;

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**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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**Table 4 (Page 2 of 12). Protocol Implementation eXtra Information for Testing (PIXIT) Proforma**

| 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:<br>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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**Table 4 (Page 3 of 12). Protocol Implementation eXtra Information for Testing (PIXIT) Proforma**

| 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;<br>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;<br>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)<br>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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| Table 4 (Page 9 of 12). Protocol Implementation eXtra Information for Testing (PIXIT) Proforma | | | |
|---|---|---|---|
| 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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| 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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| Test Group Reference | Test Case Id | Selection Ref | Description | Page Nr |
|---|---|---|---|---|
| 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, Reject 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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**Table 9 (Page 4 of 4). Test Step Index**

| 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 {<br>  fac_code<br>  from_called_DTE<br>  from_calling_DTE<br>} | <br>OCTET STRING (SIZE (1)) ,<br>INTEGER (0..15) ,<br>INTEGER (0..15) |

| Table 33. ASN.1 Type Definition | |
|---|---|
| **Type Name** | : Closed_User_Group_Selection_Basic |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>  fac_code<br>  cug_basic<br>} | <br>OCTET STRING (SIZE (1)) ,<br>HEX STRING (SIZE (2)) |

| Table 34. ASN.1 Type Definition | |
|---|---|
| **Type Name** | : Closed_User_Group_Selection_Extended |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>  fac_code<br>  cug_extended<br>} | <br>OCTET STRING (SIZE (1)) ,<br>HEX STRING (SIZE (4)) |

| Table 35. ASN.1 Type Definition | |
|---|---|
| **Type Name** | : Closed_User_Group_Outgoing_Basic |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>  fac_code<br>  cug_basic<br>} | <br>OCTET STRING (SIZE (1)) ,<br>HEX STRING (SIZE (2)) |

| Table 36. ASN.1 Type Definition | |
|---|---|
| **Type Name** | : Closed_User_Group_Outgoing_Extended |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>  fac_code<br>  cug_extended<br>} | <br>OCTET STRING (SIZE (1)) ,<br>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 {<br>dl_dlcnr_ps_bt<br>dl_dlcnr_ps_def<br>} | IA5String ,<br>IA5String |

| Table 69. ASN.1 Type Definition | |
|---|---|
| **Type Name** | : Dlcnc_Ps |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>dl_dlcnc_ps_bt<br>dl_dlcnc_ps_def<br>} | IA5String ,<br>IA5String |

| Table 70. ASN.1 Type Definition | |
|---|---|
| **Type Name** | : Origin |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>dl_origin_bt<br>dl_origin_def<br>} | IA5String ,<br>IA5String |

| Table 71. ASN.1 Type Definition | |
|---|---|
| **Type Name** | : Qos |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>dl_qos_bt<br>dl_qos_def<br>} | IA5String ,<br>IA5String |

| Table 72. ASN.1 Type Definition | |
|---|---|
| **Type Name** | : Reason |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>dl_reason_bt<br>dl_reason_def<br>} | IA5String ,<br>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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**Table 76 (Page 3 of 10). Test Suite Parameter Declarations**

| 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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**Table 76 (Page 4 of 10). Test Suite Parameter Declarations**

| 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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**Table 76 (Page 5 of 10). Test Suite Parameter Declarations**

| 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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**Table 76 (Page 6 of 10). Test Suite Parameter Declarations**

| 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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**Table 76 (Page 7 of 10). Test Suite Parameter Declarations**

| 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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**Table 76 (Page 8 of 10). Test Suite Parameter Declarations**

| 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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**Table 76 (Page 9 of 10). Test Suite Parameter Declarations**

| 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 {<br>  pdu<br>  error<br>} | Interrupt_Confirmation ,<br>OCTET STRING |

| Table 106. ASN.1 PDU Type Definition | |
|---|---|
| **PDU Name** | : Receive_Ready_Error |
| **PCO Type** | : PCO |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>  pdu<br>  error<br>} | Receive_Ready ,<br>OCTET STRING |

| Table 107. ASN.1 PDU Type Definition | |
|---|---|
| **PDU Name** | : Receive_Not_Ready_Error |
| **PCO Type** | : PCO |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>  pdu<br>  error<br>} | Receive_Not_Ready ,<br>OCTET STRING |

| Table 108. ASN.1 PDU Type Definition | |
|---|---|
| **PDU Name** | : Reject_Error |
| **PCO Type** | : PCO |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>  pdu<br>  error<br>} | Reject ,<br>OCTET STRING |

| Table 109. ASN.1 PDU Type Definition | |
|---|---|
| **PDU Name** | : Reset_Error |
| **PCO Type** | : PCO |
| **Comments** | : |
| **Type Definition** | |
| SEQUENCE {<br>  pdu<br>  error<br>} | Reset ,<br>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 2.14i.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_LO |
| **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<br>2<br>3<br>4 | | + R1_PREAMBLE (ANY_VC)<br>+ R2_PREAMBLE<br>! Restart<br>+ 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<br>2<br>3<br>4 | | + R1_PREAMBLE (ANY_VC)<br>+ R2_PREAMBLE<br>! Restart_Confirmation<br>+ 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<br>2<br>3<br>4<br>5<br>6 | | + R1_PREAMBLE (NO_LC)<br>+ R2_PREAMBLE<br>! Diagnostic START TD<br>? TIMEOUT TD<br>+ R2_POSTAMBLE<br>? OTHERWISE CANCEL TD | DGN_ZERO | (PASS)<br><br>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<br>2<br>3<br>4<br>5<br>6 | | + R1_PREAMBLE (UVC)<br>+ R2_PREAMBLE<br>! Reset START TD<br>? TIMEOUT TD<br>+ R2_POSTAMBLE<br>? OTHERWISE CANCEL TD | RST_0 (LCI) | (PASS)<br>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<br>2<br>3<br>4<br>5<br>6 | | + R1_PREAMBLE (UVC)<br>+ R2_PREAMBLE<br>! Reset_Confirmation START TD<br>? TIMEOUT TD<br>+ R2_POSTAMBLE<br>? OTHERWISE CANCEL TD | RSTC_0 (LCI) | (PASS)<br>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<br>2<br>3<br>4<br>5<br>6 | | + R1_PREAMBLE (UVC)<br>+ R2_PREAMBLE<br>! Reject START TD<br>? TIMEOUT TD<br>+ R2_POSTAMBLE<br>? OTHERWISE CANCEL TD | REJ_0 (LCI) | (PASS)<br>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<br>2<br>3<br>4<br>5<br>6 | | + R1_PREAMBLE (ANY_VC)<br>+ R2_PREAMBLE<br>! Data START TD<br>? TIMEOUT TD<br>+ R2_POSTAMBLE<br>? OTHERWISE CANCEL TD | D_ONE (LCI) | (PASS)<br>FAIL | 4 |

**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<br>2<br>3<br>4<br>5<br>6 | | + R1_PREAMBLE (ANY_VC)<br>+ R2_PREAMBLE<br>! Interrupt START TD<br>? TIMEOUT TD<br>+ R2_POSTAMBLE<br>? OTHERWISE CANCEL TD | INT_0 (LCI) | (PASS)<br>FAIL | 4 |

**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<br>2<br>3<br>4<br>5<br>6 | | + R1_PREAMBLE (ANY_VC)<br>+ R2_PREAMBLE<br>! Interrupt_Confirmation START TD<br>? TIMEOUT TD<br>+ R2_POSTAMBLE<br>? OTHERWISE CANCEL TD | INTC_0 (LCI) | (PASS)<br>FAIL | 4 |

**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<br>2<br>3<br>4<br>5<br>6 | | + R1_PREAMBLE (ANY_VC)<br>+ R2_PREAMBLE<br>! Receive_Ready START TD<br>? TIMEOUT TD<br>+ R2_POSTAMBLE<br>? OTHERWISE CANCEL TD | RR_0 (LCI) | (PASS)<br><br>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<br>2<br>3<br>4<br>5<br>6 | | + R1_PREAMBLE (ANY_VC)<br>+ R2_PREAMBLE<br>! Receive_Not_Ready START TD<br>? TIMEOUT TD<br>+ R2_POSTAMBLE<br>? OTHERWISE CANCEL TD | RNR_0 (LCI) | (PASS)<br><br>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<br>2<br>3<br>4<br>5<br>6 | | + R1_PREAMBLE (ANY_VC)<br>+ R2_PREAMBLE<br>! Reset START TD<br>? TIMEOUT TD<br>+ R2_POSTAMBLE<br>? OTHERWISE CANCEL TD | RST_0 (LCI) | (PASS)<br><br>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 | Comments |
|---|---|---|---|---|---|
| 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 unasigned 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:**

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 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:**

**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 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:**

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 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:**

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 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:**

**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 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:**

**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 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:**

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 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:**

**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 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:**

**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 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:**

**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 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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## 7.22 Verification of DXE incoming call state P3

**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<br>2<br>3<br>4<br>5<br>6<br>7 | | + P1_PREAMBLE (SVC)<br>+ P6_PREAMBLE<br>! Clear START TD<br>? TIMEOUT TD<br>+ R1_POSTAMBLE<br>+ RSTRT_UNEXPECTED<br>? OTHERWISE CANCEL TD | CLR_C01 (LCI) | (PASS)<br><br>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<br>2<br>3<br>4<br>5<br>6<br>7 | | + P1_PREAMBLE (SVC)<br>+ P6_PREAMBLE<br>! Clear START TD<br>? TIMEOUT TD<br>+ R1_POSTAMBLE<br>+ RSTRT_UNEXPECTED<br>? OTHERWISE CANCEL TD | CLR_C05 (LCI) | (PASS)<br><br>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<br>2<br>3<br>4<br>5<br>6<br>7 | | + P1_PREAMBLE (SVC)<br>+ P6_PREAMBLE<br>! Clear START TD<br>? TIMEOUT TD<br>+ R1_POSTAMBLE<br>+ RSTRT_UNEXPECTED<br>? OTHERWISE CANCEL TD | CLR_C11 (LCI) | (PASS)<br><br>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 | | + P1_PREAMBLE (SVC) | | | |
| 2 | | + P6_PREAMBLE | | | |
| 3 | | ! Unformatted_Packet_Error_Type START TD | ERR_SHT (LCI) | | |
| 4 | | ? TIMEOUT TD | | (PASS) | 4 |
| 5 | | + P6_POSTAMBLE | | | |
| 6 | | + RSTRT_UNEXPECTED | | | |
| 7 | | ? OTHERWISE CANCEL TD | | FAIL | |

**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 | | + P1_PREAMBLE (SVC) | | | |
| 2 | | + P6_PREAMBLE | | | |
| 3 | | ! Unformatted_Packet_Error_Type START TD | ERR_B (LCI) | | |
| 4 | | ? TIMEOUT TD | | (PASS) | 4 |
| 5 | | + P6_POSTAMBLE | | | |
| 6 | | + RSTRT_UNEXPECTED | | | |
| 7 | | ? OTHERWISE CANCEL TD | | FAIL | |

**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 | | + P1_PREAMBLE (SVC) | | | |
| 2 | | + P6_PREAMBLE | | | |
| 3 | | ! Restart START TD | STRT_NZ (LCI) | | |
| 4 | | ? TIMEOUT TD | | (PASS) | 4 |
| 5 | | + P6_POSTAMBLE | | | |
| 6 | | + RSTRT_UNEXPECTED | | | |
| 7 | | ? OTHERWISE CANCEL TD | | FAIL | |

**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<br>2<br>3<br>4<br>5<br>6<br>7 | | + P1_PREAMBLE (SVC)<br>+ P6_PREAMBLE<br>! Restart_Confirmation START TD<br>? TIMEOUT TD<br>+ P6_POSTAMBLE<br>+ RSTRT_UNEXPECTED<br>? OTHERWISE CANCEL TD | STRTC_NZ (LCI) | (PASS)<br><br>FAIL | 4 |

**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<br>2<br>3<br>4<br>5<br>6<br>7 | | + P1_PREAMBLE (SVC)<br>+ P6_PREAMBLE<br>! Unformatted_Packet_Error_Type START TD<br>? TIMEOUT TD<br>+ P6_POSTAMBLE<br>+ RSTRT_UNEXPECTED<br>? OTHERWISE CANCEL TD | CALL_SHT (LCI) | (PASS)<br><br>FAIL | 4 |

**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<br>2<br>3<br>4<br>5<br>6<br>7<br>8 | | + P1_PREAMBLE (SVC)<br>+ P6_PREAMBLE<br>[FAST_SELECT = TRUE]<br>! Call START TD<br>+ P9_206_SUBTREE<br>[FAST_SELECT = FALSE]<br>! Call START TD<br>+ P9_206_SUBTREE | CALL_U129 (LCI)<br><br>CALL_U17 (LCI) | | 4<br><br>7 |

**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 | Com-ments |
|---|---|---|---|---|---|
| 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 | RST_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 | Com-ments |
|---|---|---|---|---|---|
| 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<br>2<br>3<br>4<br>5 | | + P1_PREAMBLE (ANY_VC)<br>+ P4D1_PREAMBLE<br>REPEAT EXCH_DAT UNTIL [COUNT = DEF_WIN_SZ]<br>[COUNT = DEF_WIN_SZ]<br>+ 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<br>2<br>3<br>4 | | + P1_PREAMBLE (ANY_VC)<br>+ P4D1_PREAMBLE<br>REPEAT EXCH_DAT UNTIL [COUNT = DEF_WIN_SZ]<br>! Receive_Not_Ready (Receive_Not_Ready.ack_info.pr_mod8 := PR) | RNR_A (LCI) | | 3 |
| 5 | L1 | START TD<br>? TIMEOUT TD | | (PASS) | |
| 6<br>7 | | ! Receive_Ready (Receive_Ready.ack_info.pr_mod8 := PR)<br>+ D1_POSTAMBLE | RR_A (LCI) | | |
| 8 | | ? Data CANCEL TD | DAT_1 (LCI) | FAIL | |
| 9<br>10 | | + D1C_UNEXPECTED<br>GOTO L1 | | | |
| 11 | | + RSET_UNEXPECTED | | | |
| 12 | | + CLR_UNEXPECTED | | | |
| 13 | | + RSTRT_UNEXPECTED | | | |
| 14 | | ? OTHERWISE CANCEL TD | | FAIL | |

**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<br>2<br>3<br>4 | | + P1_PREAMBLE (ANY_VC)<br>+ P4D1_PREAMBLE<br>REPEAT EXCH_DAT_QBIT UNTIL [COUNT > 8]<br>[COUNT > 8] | | <br><br><br>FAIL | <br><br><br>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 | Comments |
|---|---|---|---|---|---|
| 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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