

# EUROPEAN TELECOMMUNICATION STANDARD

## ETS 300 804-1

February 1998

Source: ECMA

Reference: DE/ECMA-00108-1

ICS: 33.020

Key words: Circuit mode, layer 2, PINX, PISN, QSIG, testing, TSS & TP

Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Circuit mode basic services; Data Link Layer (DLL); Part 1: Test Suite Structure and Test Purposes (TSS&TP)

## ETSI

European Telecommunications Standards Institute

#### **ETSI Secretariat**

**Postal address:** F-06921 Sophia Antipolis CEDEX - FRANCE **Office address:** 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE **X.400:** c=fr, a=atlas, p=etsi, s=secretariat - **Internet:** secretariat@etsi.fr

Tel.: +33 4 92 94 42 00 - Fax: +33 4 93 65 47 16

**Copyright Notification:** No part may be reproduced except as authorized by written permission. The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 1998. All rights reserved.

Page 2 ETS 300 804-1: February 1998

Whilst every care has been taken in the preparation and publication of this document, errors in content, typographical or otherwise, may occur. If you have comments concerning its accuracy, please write to "ETSI Editing and Committee Support Dept." at the address shown on the title page.

## Contents

Forev	vord				5
1	Scope				7
2	Normativ	e references.			7
3	Definition 3.1 3.2 3.3	es and abbrev ETS definition ISO definition Abbreviation	riations ons nss		7 7 8 8
4	Test Suit 4.1 4.2	e Structure (T Overview Test groups 4.2.1 4.2.2	Protocol group Main test group 4.2.2.1 4.2.2.2 4.2.2.3	os Valid Behaviour Tests (BV) Inopportune Behaviour Tests (BO) Invalid Behaviour Tests (BI)	9 9 9 9 9 9 9 9 9 9 9
5	Test Purț 5.1 5.2	Doses (TPs) Introduction 5.1.1 5.1.2 PISN 5.2.1 5.2.2 5.2.3 5.2.4	TP naming con Source of TP d Valid Behaviou Inopportune Be Invalid Behavio Undefined TPs	vention efinition r (BV) haviour (BO) ur (BI)	10 10 10 10 11 11 
Histor	<i>у</i>				29

Blank page

### Foreword

This European Telecommunication Standard (ETS) has been produced by the standardizing Information and Communication Systems Association (ECMA) on behalf of its members and those of the European Telecommunications Standards Institute (ETSI).

This ETS comprises two parts with the generic title "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Data Link Layer (DLL); Circuit mode basic services". The title of each part is listed below:

#### Part 1: "Test Suite Structure and Test Purposes (TSS & TPs)";

Part 2: "Abstract Test Suite Specification (ATS)".

Transposition dates		
Date of adoption of this ETS:	23 January 1998	
Date of latest announcement of this ETS (doa):	31 May 1998	
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	30 November 1998	
Date of withdrawal of any conflicting National Standard (dow): 30 November 1998		

Blank page

#### 1 Scope

This European Telecommunication Standard (ETS) contains the Test Suite Structure (TSS) and Test Purposes (TPs) specification for the Data Link Layer (DLL) of the Private Integrated Services Network (PISN), Inter-exchange signalling protocol.

The objective of this TSS and TPs specification is to provide conformance tests which give a high probability of inter-operability of the Data Link Layer (DLL). The TSS and TPs specification covers the procedures described in ETS 300 402-2 [1] annex ZA.

The ISO standard for the methodology of conformance testing (ISO/IEC 9646-1 [3] and ISO/IEC 9646-2 [4]) is used as basis for the test methodology.

This TSS and TPs specification standard is applicable for use in symmetrical application between two PINXs and is also applicable to equipment when used in certain scenarios that provide a continuous bit stream channel between two PINXs, and will be referenced from the standard which specifies the scenarios concerned.

TSS and TPs specifications for the Network Layer are provided in other parts of the PISN, Inter-exchange signalling protocol standards.

#### 2 Normative references

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

- [1] ETS 300 402-2 (1995): "Integrated Services Digital Network (ISDN) Digital Subscriber Signalling System No. one (DSS1) protocol - Data link layer - Part 2: General protocol specification - [ITU-T Recommendation Q.921 (1993), modified]".
- [2] ETS 300 402-4: "Integrated Services Digital Network (ISDN) Digital Subscriber Signalling System No. one (DSS1) protocol Data link layer Part 4 "Protocol Information Conformance".
- [3] ISO/IEC 9646-1 (1994): "Information Technology OSI Conformance Testing Methodology and Framework, Part 1: General Concepts".
- [4] ISO/IEC 9646-2 (1994): "Information Technology OSI Conformance Testing Methodology and Framework, Part 2: Abstract Test Suite Specification".
- [5] ISO/IEC 7498-1 (1994): "Information Processing Systems Open Systems Interconnection - Basic Reference model: The basic model".

#### 3 Definitions and abbreviations

#### 3.1 ETS definitions

For the purposes of this ETS, the following definitions apply:

**master:** The Data Link entity that provides the functionality of the "network" as described in ETS 300 402-2 [1] for a particular Data Link.

**slave:** The Data Link entity that provides the functionality of the "user" as described in ETS 300 402-2 [1] for a particular Data Link.

#### Page 8 ETS 300 804-1: February 1998

#### 3.2 ISO definitions

For the purposes of this ETS, the following definitions apply:

See ISO/IEC 9646-1 [3]
See ISO/IEC 7498-1 [5]
See ISO/IEC 9646-1 [3]
See ISO/IEC 9646-1 [3]
See ISO/IEC 7498-1 [5]
See ISO/IEC 7498-1 [5]
See ISO/IEC 9646-1 [3]

#### 3.3 Abbreviations

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

ATS BI BO BV DLL ETS FSM ISO IUT LT MST NL PCO PDU PHL PICS PIXIT PISN	Abstract Test Suite Invalid Behaviour Inopportune Behaviour Valid Behaviour Data Link Layer European Telecommunication Standard Finite State Machine International Organisation for Standardisation Implementation Under Test Lower Tester Multi State Transition Network Layer Point of Control and Observation Protocol Data Unit Physical Layer Protocol Implementation Conformance Statements Protocol Implementation eXtra Information for Testing Private Integrated Services Network
PIXIT	Protocol Implementation eXtra Information for Testing
PINX	Private Integrated Services Network eXchange
SUT	System Under Test
TSS	Test Suite Structure
UT	Upper Tester

## 4 Test Suite Structure (TSS)

#### 4.1 Overview

Figure 1 shows the Data Link Layer Test Suite Structure including its subgroups Valid Bahaviour (BV), Inopportune Behaviour (BO) and Invalid Behaviour (BI).

#### Figure 1: Data Link Layer Test Suite Structure

#### 4.2 Test groups

#### 4.2.1 Protocol group

The test suite is structured as a tree with a first level defined as PISN2 representing the protocol group.

#### 4.2.2 Main test groups

The second level of the test suite contains the subgroups BV, BO and BI.

#### 4.2.2.1 Valid Behaviour Tests (BV)

A valid test is a test where the message sequence and the message content are considered as valid (no MDL\_ERR\_IND shall be indicated).

#### 4.2.2.2 Inopportune Behaviour Tests (BO)

This test sub group shall verify that the Implimentation Under Test (IUT) is capable of a valid reaction, when an inopportune protocol event occurs. Such an event is syntactically correct but it occurs when it is not expected (a MDL\_ERR\_IND is caused in the Finite State Machine (FSM) of the DLL entity).

#### 4.2.2.3 Invalid Behaviour Tests (BI)

This test sub group shall verify that the IUT, after receipt of an invalid Protocol Data Unit (PDU), reacts in conformity with the standard. PDU here, means syntactically invalid PDU and therefore a MDL\_ERR\_IND may be generated in the FSM of the DLL entity.

#### Page 10 ETS 300 804-1: February 1998

## 5 Test Purposes (TPs)

#### 5.1 Introduction

#### 5.1.1 TP naming convention

The identifier of the TP is built according to figure 2.

Identifier:	lentifier: TP <s><ss>-<nnn></nnn></ss></s>			
	<\$>	= state	(4-8)	
	<ss></ss>	= sub-state	(0-7)	
	<nnn></nnn>	<ul> <li>sequential number</li> </ul>	(001-300) (301-600) (601-900)	BV, Valid Behaviour Tests BO, Inopportune Behaviour Tests BI, Invalid Behaviour Tests

#### Figure 2: TP naming convention

#### 5.1.2 Source of TP definition

The TPs were developed based on ETS 300 402-2 [1], including the state tables D-1 to D-3.

NOTE: The state tables D-1 to D-3 of ETS 300 402-2 [1] have been interpreted according to ETS 300 402-2 [1] annex ZA .

The relevant part of ETS 300 402-4 [2] annex B specifying the Protocol Implementation Conformance Statements (PICS) proforma for the Private Integrated Services Network (PISN) application is used for the TP definition.

#### 5.2 PISN

## 5.2.1 Valid Behaviour (BV)

## Table 1: Valid Behaviour (BV)

TP40-001	Incoming link establishment procedure: Check that the IUT, after receipt of a correct $SABME/P = 1$ in state S4.0, responds by sonding $UA/E = 1$ and enters Multiple Frame
	Operation state (i.e. state transition S4.0 to S7.0)
TP40-002	Incoming link establishment procedure: Check that the ILIT after receipt of a correct
11 40 002	SABME/P = 0 in state S4.0, responds by sending UA/F = 0 and enters Multiple Frame
	Operation state (i.e. state transition S4.0 to S7.0).
TP40-003	Check that the IUT, after receipt of an unsolicited $DM/F = 0$ frame in state S4.0, initiates
	the link establishment procedure by sending SABME/P = 1 and remains in state S4.0
	after receipt of a Tester's response DM/F = 1 frame (no state transition).
TP40-004	Check that the IUT, after receipt of an unsolicited DM/F = 0 frame in state S4.0, initiates
	the link establishment procedure by sending SABME/P = 1 and enters Multiple Frame
	Operation state after receipt of a Tester's response UA/F = 1 frame (i.e. state transition
	S4.0 to S7.0).
TP50-001	Check that the IUT, after receipt of a correct UA/F = 1 frame in state S5.0, enters
	Multiple Frame Operation state (i.e. state transition S5.0 to S7.0).
TP50-002	Check that the IUT, after receipt of a correct DM/F = 1 frame in state S5.0, enters
<b>TD</b> 50.000	I El-assigned state (i.e. state transition S5.0 to S4.0).
1P50-003	Check that the IUI, after receipt of an opportune FRMR frame rejecting SABME in state
TD50.004	S5.0, ignores the received frame and discards its coments.
1F30-004	frame received, repeats only N200 times the establishment request $SABME/P = 1$
	frame
TP50-005	Check that in state S5.0 the IUT's re-transmission timer T200 is within the allowed
11 00 000	tolerance of its value
TP51-001	Check that the IUT, after receipt of a correct UA/F = 1 frame in state S5.1, enters
	Multiple Frame Operation state (i.e. state transition S5.1 to S7.0).
TP51-002	Check that the IUT, after receipt of a correct DM/F = 1 frame in state S5.1, enters
	TEI-assigned state (i.e. state transition S5.1 to S4.0).
TP51-003	Check that the IUT, in state S5.1, preserves it I queue if it V(A) variable is equal to it
	V(S) variable.
TP51-004	Check that the IUT, in state S5.1, discards it I queue if it V(A) variable is different of it
<b>TD</b> 00.001	V(S) variable.
TP60-001	Check that the IUT, in state S6.0, after receipt of a DM/F = 1 frame enters TET-assigned
	state (i.e. state transition S6.0 to S4.0).
1960-002	Check that the IUI, in state S6.0, after receipt of a UA/F = 1 frame enters TEI-assigned $(i \circ i \circ$
TD60.002	State (i.e. State it alistituti 50.0 to 54.0).
1-00-003	S6.0 ignores the received frame and discards its contents
TP60-004	Check that the IUT in state S6.0, after T200 time elansed and no UA/F = 1 or DM/F = 1
	frame received, repeats only N200 times the disconnection request DISC/P = 1 frame.
TP60-005	Check that the IUT, in state S6.0, after T200 time elapsed and no UA/F = 1 or DM/F = 1
	frame received, repeats the disconnection request $DISC/P = 1$ frame.
TP70-001	Check that the IUT, in state S7.0, accepts I-Frame/P = 0 acknowledgement by means of
	RR/F = 0 frame.
TP70-002	Check that the IUT, in state S7.0, accepts I-Frame/P = 1 acknowledgement by means of
	RR/F = 1 frame.
TP70-003	Check that the IUT, in state S7.0, manages properly the sequence numbering operation,
TP70-004	Check that the IUT manages properly I-Frame exchange in state S7.0.
TP70-005	Check that the IUT, after receipt of a RNR/P = 1 frame in state S7.0, responds with
	RR/F = 1 and enters state S7.4.
TP70-006	Check that the IUT, after receipt of a RNR/P = 0 frame in state S7.0, enters state S7.4.
	(continued)

## Table 1 (continued): Valid Behaviour (BV)

TP70-007	Check that the IUT, after receipt of a RNR/F = 0 response frame in state S7.0, enters state S7.4.
TP70-008	Check that the IUT, after receipt of a REJ/P = 1 frame in state S7.0, responds with RR/F = 1 frame and re-transmits the appropriate I-Frame/P = $0$ .
TP70-009	Check that the IUT, after receipt of a REJ/P = 0 frame in state S7.0, re-transmits the appropriate I-Frame/P = $0$ .
TP70-010	Check that the IUT, after receipt of a REJ/F = 0 frame in state S7.0, re-transmits the appropriate I-Frame/P = $0$ .
TP70-011	Normal data link disconnection: Check that the IUT, after receipt of a DISC/P = 1 frame in state S7.0, responds with UA/F = 1 frame and enters state S4.0.
TP70-012	Normal data link disconnection: Check that the IUT, after receipt of a DISC/P = 0 frame in state S7.0, responds with UA/F = 0 frame and enters state S4.0.
TP70-013	Check that the IUT, in state S7.0, polls by sending RR/P = 1 frame or by re-transmitting the unacknowledged I-Frame if it receives no acknowledgement of an I-Frame sent before T200 time (I-Frame command loss).
TP70-014	Check that the IUT, after receipt of a $RR/P = 1$ simulating a link supervision procedure during Multiple Frames Operation (S7.0), responds with $RR/F = 1$ frame.
TP70-015	Check that the IUT, after receipt of a RR/P = 0 frame in state S7.0, stops T200 timer if it is running and starts or restarts T203 timer.
TP70-016	Check that the IUT, after inactivity (T203) in state S7.0, re-transmits N200 time RR/P = 1 frames on each expiration of T200 before to try to re-establish the data link by sending SABME/P = 1.
TP70-017	Check that the IUT, in state S7.0, polls by sending RR/P = 1 frame or by re-transmitting the unacknowledged I-Frame if it receives no acknowledgement of an I-Frame sent before T200 time (RR response frame loss).
TP70-018	Check that the IUT's link supervision timer T203, in state S7.0, is within the allowed tolerance of its value.
TP70-019	Check that the IUT, after receipt of a RR/P = 0 command frame in state S7.0, restarts timer T200.
TP70-020	Check that the IUT, after receipt of a $RR/P = 1$ command frame in state S7.0, responds with $RR/F = 1$ frame and restarts timer T200.
TP70-021	Check that the IUT, after receipt of a RR/F = 0 response frame in state S7.0, restarts timer T200.
TP70-022	Check that the IUT, after receipt of a REJ/P = 0 frame in state S7.0, re-transmits the appropriate I-Frames.
TP70-023	Check that the IUT, after receipt of a REJ/P = 1 frame in state S7.0, responds with RR/F = 1 frame and re-transmits the appropriate I-Frames.
TP70-024	Check that the IUT, after receipt of a RNR/P = 0 command frame in state S7.0, restarts timer T200.
TP70-025	Check that the IUT, after receipt of a RNR/P = 1 command frame in state S7.0, responds with RR/F = 1 frame and restarts timer T200.
TP70-026	Check that the IUT, after receipt of a RNR/F = 0 response frame in state S7.0, restarts timer T200.
TP70-027	Check that the IUT, after receipt of a I-Frame/P = 0 command frame in state S7.0, responds with $RR/F = 0$ frame and restarts timer T200.
TP70-028	Check that the IUT, after receipt of a I-Frame/P = 1 command frame in state S7.0, responds with $RR/F = 1$ frame and restarts timer T200.
TP70-029	Check that the IUT, after receipt of a REJ/F = 0 frame in state S7.0, re-transmits the appropriate I-Frames.
TP70-030	Check that the IUT, in state S7.0, accepts simultaneous acknowledgement of more than one I-Frame by receiving RR/F = 0 frame that acknowledges two I-Frames.
TP70-031	Check that the IUT, in state S7.0, sends a maximum number of k I-Frames if it receives no acknowledgement.
	(continued)

## Table 1 (continued): Valid Behaviour (BV)

TP71-001	Check that the IUT, in state S7.1, leaves the REJ mode after receipt of a correct I-Frame/P = 1 (state transition S7.1 to S7.0).
TP71-002	Check that the IUT, in state S7.1, leaves the REJ mode after receipt of a correct I-Frame/P = 0 (state transition S7.1 to S7.0).
TP74-001	Check that the IUT, in state S7.4, re-transmits the appropriate I-Frames when its peer leaves busy condition by sending $RR/F = 1$ in response of the IUT's $RR/P = 1$ polling.
TP74-002	Check that the IUT, after receipt of an I-Frame/P = 1 in state S7.4, responds by sending $RR/F = 1$ frame and remains in the initial state.
TP74-003	Check that the IUT, in state S7.4, handles properly peer busy condition by not sending any I-Frames.
TP74-004	Check that the IUT, after receipt of a REJ/P = 1 frame in state S7.4, responds with RR/F = 1 frame and re-transmits the I-Frame rejected.
TP74-005	Check that the IUT, after receipt of a REJ/P = 0 frame in state S7.4, re-transmits the I-Frame rejected
TP74-006	Check that the IUT, after receipt of a REJ/F = 0 frame in state S7.4, re-transmits the I-Frame rejected.
TP74-007	Check that the IUT, after receipt of a valid DISC/P = 1 frame in state S7.4, responds with $UA/F = 1$ frame and enters TEI-assigned state (i.e. state transition S7.4 to S4.0).
TP74-008	Check that the IUT, after receipt of a valid DISC/P = 0 frame in state S7.4, responds with $UA/F = 0$ frame and enters TEI-assigned state (i.e. state transition S7.4 to S4.0).
TP74-009	Check that the IUT, in state S7.4, polls with RR/P = 1 frame N200 times before it initiates link re-establishment by sending SABME/P = 1.
TP74-010	Check that the IUT, after receipt of a correct $RR/P = 1$ frame in state S7.4, responds with $RR/F = 1$ frame and enters state S7.0.
TP74-011	Check that the IUT, after receipt of a correct RR/F = 0 frame in state S7.4, enters state S7.0.
TP74-012	Check that the IUT, after receipt of a correct RNR/P = 1 frame in state S7.4, responds with $RR/F = 1$ frame and remains in the initial state S7.4.
TP74-013	Check that the IUT, after receipt of a correct RNR/P = 0 frame in state S7.4, remains in the initial state S7.4.
TP74-014	Check that the IUT, after receipt of a correct RNR/F = 0 frame in state S7.4, remains in the initial state S7.4.
TP74-015	Check that, in state S7.4, the IUT's re-transmission timer T200 is within the allowed tolerance of its value.
TP74-016	Check that the IUT, after receipt of a RR/P = 0 command frame in state S7.4, restarts timer T200.
TP74-017	Check that the IUT, after receipt of a $RR/P = 1$ command frame in state S7.4, responds with $RR/F = 1$ frame and restarts timer T200.
TP74-018	Check that the IUT, after receipt of a RR/F = 0 command frame in state S7.4, restarts timer T200.
TP74-019	Check that the IUT, after receipt of a REJ/P = 0 frame in state S7.4, re-transmits the appropriate I-Frames according to the N(R) of the REJ/P = 0 received.
TP74-020	Check that the IUT, after receipt of a REJ/P = 1 frame in state S7.4, responds with RR/F = 1 frame and re-transmits the appropriate I-Frames according to the N(R) of the REJ/P = 0 received.
TP74-021	Check that the IUT, after receipt of a REJ/F = 0 in state S7.4, re-transmits the appropriate I-Frames according to the N(R) of the REJ/P = 0 received.
TP74-022	Check that the IUT, after receipt of a RNR/P = 0 command frame in state S7.4, restarts timer T200.
TP74-023	Check that the IUT, after receipt of a RNR/P = 1 command frame in state S7.4, responds with RR/F = 1 frame and restarts timer T200.
TP74-024	Check that the IUT, after receipt of a RNR/F = 0 command frame in state S7.4, restarts timer T200.
	(continued)

## Table 1 (continued): Valid Behaviour (BV)

TP74-025	Check that the IUT, after receipt of an I-Frame/P = 0 in state S7.4, responds with $RR/F = 0$ frame and remains in the initial state
TP74-026	Check that the IUT, after receipt of an I-Frame/P = 1 in state S7.4, responds with RR/F = 1 frame and remains in the initial state.
TP75-001	$\frac{1}{1}$ Check that the IIIT after receipt of a correct LErame/P = 1 in state S7.5 responds with
1175-001	RR/F = 1 frame, leaves the REJ mode and enters state S7.4 (i.e. state transition S7.5 to S7.4).
TP75-002	Check that the IUT, after receipt of a correct I-Frame/P = 0 in state S7.5, responds with
	RR/F = 0 frame, leaves the REJ mode and enters state S7.4 (i.e. state transition S7.5 to S7.4).
TP80-001	Check that the IUT, after receipt of a valid DISC/P = 1 frame in state S8.0, responds with $UA/F = 1$ frame and enters TEI-assigned state (i.e. state transition S8.0 to S4.0).
TP80-002	Check that the IUT, after receipt of a valid DISC/P = 0 frame in state S8.0, responds with $UA/F = 0$ frame and enters TEI-assigned state (i.e. state transition S8.0 to S4.0).
TP80-003	Check that the IUT, after receipt of a valid REJ/F = 1 frame in state S8.0, re-transmits the I-Frame rejected.
TP80-004	Check that the IUT, after receipt of a valid RNR/F = 1 frame, leaves state S8.0 and enters state S7.4.
TP80-005	Check that the IUT, after receipt of an I-Frame/P = 0 in state S8.0, responds with RR/F =
	0 frame and remains in the initial state.
TP80-006	Check that the IUT, after receipt of an I-Frame/P = 1 in state S8.0, responds with RR/F =
	1 frame and remains in the initial state.
TP80-007	Check that the IUT, after receipt of a valid $RR/P = 1$ polling frame in state S8.0,
	responds with RR/F = 1 frame.
TP80-008	Check that the IUT, after receipt of a valid $RR/P = 0$ command frame in state S8.0,
	updates V(A) variable and remains in the initial state.
TP80-009	Check that the IUT, after receipt of a valid RR/F = 0 response frame in state S8.0, updates $V(A)$ variable, and remains in the initial state
TP80-010	C beck that the IUT after receipt of a valid RNR/P = 1 command frame in state S8.0
11 00 010	responds with RR/F = 1 frame, updates V(A) variable and enters state S8.4.
TP80-011	Check that the IUT, after receipt of a valid RNR/P = 0 command frame in state S8.0, updates $V(A)$ variable and enters state S8.4.
TP80-012	Check that the IUT, after receipt of a valid RNR/F = 0 response frame in state S8.0, updates $V(A)$ variable and enters state S8.4.
TP80-013	Check that the IUT, after receipt of a valid REJ/P = 1 frame in state S8.0, responds with
	RR/F = 1 frame and remains in the initial state.
TP80-014	Check that the IUT, after receipt of a valid REJ/P = 0 frame in state S8.0, remains in this
	state and updates it V(A) variable (no state transition and no response sent).
TP80-015	Check that the IUT, after receipt of a valid REJ/F = 0 frame in state S8.0, remains in this state and updates it V(A) variable (no state transition and no response sent).
TP81-001	Check that the IUT, after receipt of a correct I-Frame/P = 1 in state S8.1, responds with an RR/F = 1 frame and leaves the REJ mode (state transition S8.1 to S8.0).
TP81-002	Check that the IUT, after receipt of a correct I-Frame/P = 0 in state S8.1, responds with an RR/F = 0 frame and leaves the REJ mode (state transition S8.1 to S8.0).
TP84-001	Check that the IUT, after receipt of a valid DISC/P = 1 frame in state S8.4, responds with $UA/F = 1$ frame and enters TEI-assigned state (i.e. state transition S8.4 to S4.0).
TP84-002	Check that the IUT, after receipt of a valid DISC/P = 0 frame in state S8.4, responds with $UA/F = 0$ frame and enters TEI-assigned state (i.e. state transition S8.4 to S4.0).
TP84-003	Check that the IUT, after receipt of a valid RR/F = 1 frame in state S8.4, leaves Timer Recovery state and enters Multiple Frame Operation state (i.e. state transition S8.4 to S7.0).
TP84-004	Check the correct handling of peer busy sub-state. After receipt of RNR/F = 1 frame in state S8.4, the IUT has to maintain the peer busy condition.
	(continued)

## Table 1 (concluded): Valid Behaviour (BV)

TP84-005	Check that the IUT, after receipt of a valid REJ/F = 1 frame in state S8.4, leaves Timer Recovery state and enters Multiple Frame Operation state (i.e. state transition S8.4 to S7.0).
TP84-006	Check that the IUT, after receipt of an I-Frame/P = 0 in state S8.4, responds with $RR/F = 0$ frame and remains in the initial state.
TP84-007	Check that the IUT, after receipt of an I-Frame/P = 1 in state S8.4, responds with $RR/F = 1$ frame and remains in the initial state.
TP84-008	Check that the IUT, after receipt of a valid $RR/P = 1$ frame in state S8.4, responds with $RR/F = 1$ frame and leaves peer receiver busy and timer recovery conditions (state transition S8.4 to S7.0).
TP84-009	Check that the IUT, after receipt of a valid RR/P = 0 frame in state S8.4, leaves the peer receiver busy sub-state and remains in timer recovery condition (state transition S8.4 to S8.0).
TP84-010	Check that the IUT, after receipt of a valid RR/F = 0 frame in state S8.4, leaves the peer receiver busy sub-state and remains in timer recovery condition (state transition S8.4 to S8.0).
TP84-011	Check that the IUT, after receipt of a valid RNR/P = 1 frame in state S8.4, responds with $RR/F = 1$ frame and remains in the initial state.
TP84-012	Check that the IUT, after receipt of a valid RNR/P = 0 frame in state S8.4, remains in the initial state.
TP84-013	Check that the IUT, after receipt of a valid RNR/F = 0 frame in state S8.4, remains in the initial state.
TP84-014	Check that the IUT, after receipt of a valid REJ/P = 1 frame in state S8.4, responds with $RR/F = 1$ frame and leaves peer receiver busy condition (state transition S8.4 to S8.0).
TP84-015	Check that the IUT, after receipt of a valid REJ/P = 0 frame in state S8.4, leaves peer receiver busy condition and remains in timer recovery condition (state transition S8.4 to S8.0).
TP84-016	Check that the IUT, after receipt of a valid REJ/F = 0 frame in state S8.4, leaves peer receiver busy condition and remains in timer recovery condition (state transition S8.4 to S8.0).
TP85-001	Check that the IUT, after receipt of a correct I-Frame/P = 1 in state S8.5, responds with $RR/F = 1$ frame, leaves the REJ mode and enters state S8.4 (i.e. state transition S8.5 to S8.4).
TP85-002	Check that the IUT, after receipt of a correct I-Frame/P = 0 in state S8.5, responds with $RR/F = 0$ frame, leaves the REJ mode and enters state S8.4 (i.e. state transition S8.5 to S8.4).

#### Inopportune Behaviour (BO) 5.2.2

Table 2: Inopportune Behaviour (BO)

TP40-301	Check that the IUT, in state S4.0, responds with a $DM/F = 1$ frame after receipt of an inopportune $DISC/P = 1$ frame.	
TP40-302	Check that the IUT, in state S4.0, responds with a $DM/F = 0$ frame after receipt of an inopportune $DISC/P = 0$ frame.	
TP40-303	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune UA/F = 1.	
TP40-304	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune UA/F = $0$ .	
TP40-305	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune $DM/F = 1$	
TP40-306	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune $BR/P = 1$	
TP40-307	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune $RR/F = 1$	
TP40-308	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune $RR/F = 0$	
TP40-309	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune $RNR/P = 1$	
TP40-310	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune $RNR/F = 1$ .	
TP40-311	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune $RNR/F = 0$ .	
TP40-312	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune $REJ/P = 1$ .	
TP40-313	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune $REJ/F = 1$ .	
TP40-314	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune $REJ/F = 0$ .	
TP40-315	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune I-Frame/P = $0$ .	
TP40-316	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune $\text{FRMR/F} = 1$ frame rejecting SABME	
TP40-317	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune ERMR/ $E = 1$ frame rejecting UA	
TP40-318	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune FRMR/F = 1 frame rejecting DM.	
TP40-319	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune FRMR/F = 1 frame rejecting I-Frame.	
TP40-320	Check that the IUT, in state S4.0, ignores the received frame and discards its contents after receipt of an inopportune FRMR/F = 1 frame rejecting S-Frame (RNR).	
TP50-301	Check that the IUT, in state S5.0, responds correctly if there is collision between mode setting commands SABME/P = 1 and SABME/P = 1 frame.	
TP50-302	Check that the IUT, in state S5.0, responds correctly if there is collision between mode setting commands SABME/P = 1 and SABME/P = 0 frame.	
TP50-303	Check that the IUT, in state S5.0, responds correctly if there is collision between mode setting commands SABME/P = 1 and DISC/P = 1 frame.	
TP50-304	Check that the IUT, in state S5.0, responds correctly if there is collision between mode setting commands SABME/P = 1 and DISC/P = 0 frame.	
TP50-305	Check that the IUT, in state S5.0, ignores the received frame and discards its contents after receipt of an inopportune UA/F = $0$ .	
TP50-306	Check that the IUT, in state S5.0, ignores the received frame and discards its contents after receipt of an inopportune $DM/F = 0$ .	
(continued)		

TP50-307	Check that the IUT, in state S5.0, ignores the received frame and discards its contents after received frame and discards its contents.
	and receipt of an inopport $R(r) = 1$ .
TP50-308	Check that the IUT, in state S5.0, ignores the received frame and discards its contents after receipt of an inopportune $RR/F = 1$ .
TP50-309	Check that the IUT in state S5.0 ignores the received frame and discards its contents
	after receipt of an inopportune $RR/F = 0$ .
TP50-310	Check that the IUT, in state S5.0, ignores the received frame and discards its contents
	after receipt of an inopportune RNR/P = 1.
TP50-311	Check that the IUT, in state S5.0, ignores the received frame and discards its contents
	after receipt of an inopportune RNR/F = 1.
TP50-312	Check that the IUT, in state S5.0, ignores the received frame and discards its contents
	after receipt of an inopportune $RNR/F = 0$ .
TD50 212	Check that the ILIT is state S5.0 ignores the received frame and discards its contents
11 30-313	offect that the for instance 50.0, groups the received hame and discards its contents
	after receipt of an inopportune REJ/P = 1.
TP50-314	Check that the IUT, in state S5.0, ignores the received frame and discards its contents
	after receipt of an inopportune REJ/F = 1.
TP50-315	Check that the IUT, in state S5.0, ignores the received frame and discards its contents
	after receipt of an inopportune $REJ/F = 0$ .
TP50-316	Check that the IUT, in state S5.0, ignores the received frame and discards its contents
	after receipt of an inopportune $I$ -Frame/P = 0
TD50.047	Check that the lift is attached to import the reactived frame and discards its contents
1220-317	offect that the IDT, in state 55.0, ignores the received frame and discards its contents
	after receipt of an inopportune FRIMR/F = 1 frame rejecting SABME.
TP50-318	Check that the IUT, in state S5.0, ignores the received frame and discards its contents
	after receipt of an inopportune FRMR/F = 1 frame rejecting UA.
TP50-319	Check that the IUT, in state S5.0, ignores the received frame and discards its contents
	after receipt of an inopportune $FRMR/F = 1$ frame rejecting DM.
TP50-320	Check that the IUT in state S5.0 ignores the received frame and discards its contents
	after receipt of an inopportuge $\text{FRMR}/\text{E} = 1$ frame rejecting L Frame
TD50 224	Check that III in state SE 0 increase the received from and discords its contents
1P50-321	check that the 101, in state 55.0, ignores the received frame and discards its contents
	after receipt of an inopportune FRIMR/F = 1 frame rejecting S-Frame (RNR).
TP60-301	Check that the IUT, in state S6.0, responds correctly if there is collision between mode
	setting commands DISC/P = 1 and DISC/P = 1 frame.
TP60-302	Check that the IUT, in state S6.0, responds correctly if there is collision between mode
	setting commands $DISC/P = 1$ and $DISC/P = 0$ frame.
TP60-303	Check that the IUT, in state S6.0, responds correctly if there is collision between mode
	setting commands $DISC/P = 1$ and $SABME/P = 1$ frame
TP60-304	Check that the II in state S6.0, responds correctly if there is collision between mode
11 00-304	antipa commande DISC/D 1 and SADME/D of some
	setting commands DISC/P = 1 and SABME/P = 0 frame.
TP60-305	Check that the IUT, in state S6.0, ignores the received frame and discards its contents
	after receipt of an inopportune UA/F = 0.
TP60-306	Check that the IUT, in state S6.0, ignores the received frame and discards its contents
	after receipt of an inopportune $DM/F = 0$ .
TP60-307	Check that the IUT, in state S6.0, ignores the received frame and discards its contents
	after receipt of an inopportune $RR/P = 1$
TD60 209	Check that the IIIT in state S6 () increase the received frame and discards its contents
1F00-300	offect that the 101, in state 50.0, ignores the received name and discards its contents
	after receipt of an inopportune $RR/r = 1$ .
TP60-309	Check that the IUT, in state S6.0, ignores the received frame and discards its contents
	atter receipt of an inopportune RR/F = 0.
TP60-310	Check that the IUT, in state S6.0, ignores the received frame and discards its contents
	after receipt of an inopportune RNR/P = 1.
TP60-311	Check that the IUT, in state S6.0, ignores the received frame and discards its contents
	after receipt of an inopportune RNR/F = 1
TD60-212	Check that the IUT in state S6.0 ignores the received frame and discords its contents.
1100-312	one on the interval in state 50.0, ignores the received fidthe and distatus its contents of an inopportuge $PMP/F = 0$
	and receipt of an inopportune $\pi i \pi r / r = 0$ .
	(continued)

TP60-313	Check that the IUT, in state S6.0, ignores the received frame and discards its contents after receipt of an inopportune $REJ/P = 1$ .	
TP60-314	Check that the IUT, in state S6.0, ignores the received frame and discards its contents after receipt of an inopportune $RE_{I/F} = 1$	
TP60-315	Check that the IUT, in state S6.0, ignores the received frame and discards its contents after receipt of an inopportune $RE_{I/F} = 0$	
TP60-316	Check that the IUT, in state S6.0, ignores the received frame and discards its contents after receipt of an inopportune I-Frame/P = $0$	
TP60-317	Check that the IUT, in state S6.0, ignores the received frame and discards its contents after receipt of an inopportune ERMR/ $E = 1$ frame rejecting SABME	
TP60-318	Check that the IUT, in state S6.0, ignores the received frame and discards its contents	
	after receipt of an inopportune $FRMR/F = 1$ frame rejecting UA.	
TP60-319	Check that the IUT, in state S6.0, ignores the received frame and discards its contents after receipt of an inopportuge ERMR/ $E = 1$ frame rejecting DM	
TP60-320	Check that the IUT, in state S6.0, ignores the received frame and discards its contents	
	after receipt of an inopportune $FRMR/F = 1$ frame rejecting I-Frame.	
TP60-321	Check that the IUT, in state S6.0, ignores the received frame and discards its contents after receipt of an inopportune FRMR/F = 1 frame rejecting S-Frame (RNR).	
TP70-301	Check that the IUT, in state S7.0, acknowledges link reset by sending UA/F = 1 after	
	receipt of a SABME/P = 1 frame.	
TP70-302	Check that the IUT, in state S7.0, acknowledges link reset by sending UA/F = 0 after $A = A D M F / D$	
TD70 202	receipt of a SABME/P = 0 frame.	
1970-303	SABME/P = 1 as a result of state transition S7.0 to S5.1.	
TP70-304	Check that the IUT, after receipt of a I-Frame/P = 1 with invalid $N(R)$ , responds with	
	RR/F = 1 frame and resets the data link by sending SABME/P = 1 as a result of the	
TD70.005	Invalid N(R) that provokes state transition S7.0 to S5.1.	
TP70-305	Check that the IUI, after receipt of a I-Frame/P = 0 with invalid N(R), resets the data link by conding SARME/P = 1 on a result of the invalid N(R) that provokes state	
	transition S7.0 to S5.1	
TP70-306	Check that the IUT, in state S7.0, after receipt of a I-Frame/P = 1 with invalid $N(S)$ .	
	rejects the received frame by sending $REJ/F = 1$ as a result of the invalid N(S) and	
	enters state S7.1.	
TP70-307	Check that the IUT, in state S7.0, after receipt of a I-Frame/P = 0 with invalid $N(S)$ ,	
	rejects the received frame by sending $REJ/F = 0$ as a result of the invalid $N(S)$ and	
	enters state S7.1.	
TP70-308	Check that the IUT, after receipt of a I-Frame/P = 1 with invalid $N(R)$ and invalid $N(S)$ ,	
	rejects the deta link by conding $REJ/F = 1$ as a result of the invalid N(S), and	
	result of the uata link by sending SADIVE/ $P = 1$ as a result of the invalid N(R) that provokes state transition S7.0 to S5.1	
TP70-309	Check that the ILIT after receipt of a I-Frame/P = 0 with invalid N(R) and invalid N(S)	
1170 303	rejects the received frame by sending $REJ/F = 0$ as a result of the invalid N(S), and	
	resets the data link by sending SABME/P = 1 as a result of the invalid $N(R)$ that	
	provokes state transition S7.0 to S5.1.	
TP70-310	Check that the IUT, in state S7.0, ignores the received frame and discards its contents	
	after receipt of an inopportune $UA/F = 1$ .	
TP70-311	Check that the IUT, in state S7.0, ignores the received frame and discards its contents	
	after receipt of an inopportune UA/F = 0.	
TP70-312	Check that the IUT, in state S7.0, ignores the received frame and discards its contents	
TD70.040	after receipt of an inopportune DM/F = 1.	
1270-313	Uneck that the IUI, in state $S/.0$ , ignores the received frame and discards its contents	
TP70_314	and receipt of an inopportune $RR/F = 1$ .	
17/0-314	state S7.4.	
(continued)		

TP70-315	Check that the IUT, in state S7.0, re-transmits the appropriate I-Frame after receipt of an inopport type $BE_1/E = 1$		
TP70-316	Check that the IUT, after receipt of a RR/P = 1 with invalid N(R), responds with RR/F = 1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-317	Check that the IUT, after receipt of a RNR/P = 1 with invalid N(R), responds with RR/F = 1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-318	Check that the IUT, after receipt of a REJ/P = 1 with invalid N(R), responds with RR/F = 1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-319	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RR/P = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-320	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RNR/P = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-321	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a REJ/P = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-322	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RR/F = 1 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-323	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RNR/F = 1 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-324	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a REJ/F = 1 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-325	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RR/F = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-326	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RNR/F = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-327	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a REJ/F = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.0 to S5.1.		
TP70-328	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a FRMR frame rejecting UA, as a result of state transition S7.0 to S5.1.		
TP70-329	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a FRMR frame rejecting I-Frame, as a result of state transition S7.0 to S5.1.		
TP70-330	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a FRMR frame rejecting S-Frame (RNR), as a result of state transition S7.0 to S5.1.		
TP70-331	Check that the IUT, in state S7.0, restarts timer T200 after receipt of a RR/F = 1, and check if the value of T200 is within tolerance.		
TP70-332	Check that the IUT, in state S7.0, re-transmits the appropriate I-Frames after receipt of a REJ/F = 1.		
TP70-333	Check that the IUT, in state S7.0, restarts timer T200 after receipt of a RNR/F = 1, and check if the value of T200 is within tolerance.		
TP70-334	Check that the IUT, in state S7.0, rejects the received frame by sending $REJ/F = 0$ after receipt of an I-Frame/P = 0 with invalid N(S), and enters state S7.1.		
TP70-335	Check that the IUT, in state S7.0, rejects the received frame by sending REJ/F = 1 after receipt of an I-Frame/P = 1 with invalid $N(S)$ , and enters state S7.1.		
(continued)			

Table 2	(continued)	): Ino	pportune	Behaviour	(BO)
					( /

TP71-301	Check that the IUT, in state S7.1, replies with $RR/F = 1$ , ignores the received frame and discards its contents after receipt of an I-Frame/P = 1 with invalid N(S).		
TP71-302	Check that the IUT, in state S7.1, ignores the received frame and discards its contents		
	after receipt of an I-Frame/P = 0 with invalid N(S).		
TP74-301	Check that the IUT, in state S7.4, acknowledges link reset by sending UA/F = 1 after receipt of a SABME/P = 1 frame and enters state S7.0.		
TP74-302	Check that the IUT, in state S7.4, acknowledges link reset by sending UA/F = 0 after		
	receipt of a SABME/P = 0 frame and enters state S7.0.		
TP74-303	Check that the IUT, after receipt of a DM/F = 0, resets the data link by sending		
	SABME/P = 1 as a result of state transition S7.4 to S5.1.		
TP74-304	Check that the IUT, after receipt of a I-Frame/P = 1 with invalid $N(R)$ , responds with		
	RR/F = 1 frame and resets the data link by sending SABME/P = 1 as a result of the		
	invalid N(R) that provokes state transition S7.4 to S5.1.		
TP74-305	Check that the ILIT after receipt of a I-Frame/P = 0 with invalid N(R) resets the data		
11 7 4 000	link by sonding SABME/P = 1 as a result of the invalid N(P) that provokes state		
	transition $S7.4$ to $S5.1$		
	Check that the IUT is state C7.4 ofter receipt of a L Frame/D 4 with invalid N/C)		
1P74-306	Check that the IOT, in state 57.4, after receipt of a 1-Frame/ $P = 1$ with invalid N(S),		
	rejects the received frame by sending REJ/F = 1 as a result of the invalid N(S) and		
	enters state S7.5.		
TP74-307	Check that the IUT, in state S7.4, after receipt of a I-Frame/P = 0 with invalid N(S),		
	rejects the received frame by sending $REJ/F = 0$ as a result of the invalid $N(S)$ and		
	enters state S7.5.		
TP74-308	Check that the IUT, after receipt of a I-Frame/P = 1 with invalid $N(R)$ and invalid $N(S)$ ,		
	rejects the received frame by sending $REJ/F = 1$ as a result of the invalid N(S), and		
	resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that		
	provokes state transition S7 4 to S5 1		
TP74-309	Check that the ILIT after receipt of a I-Frame/P = 0 with invalid N(R) and invalid N(S)		
1174000	rejects the received frame by sending RE I/E $= 0$ as a result of the invalid N(S) and		
	result the data link by conding $SAPME(P = 1  as a result of the invalid N(P) that$		
	result on the unit by senting SADIVIE/ $F = 1$ as a result of the invalid N(N) that		
TD74.040	provokes state transition 57.4 to 55.1.		
1P74-310	Check that the IOT, in state 57.4, ignores the received frame and discards its contents		
	after receipt of an inopportune UA/F = 1.		
TP74-311	Check that the IUT, in state S7.4, ignores the received frame and discards its contents		
	after receipt of an inopportune UA/F = 0.		
TP74-312	Check that the IUT, in state S7.4, ignores the received frame and discards its contents		
	after receipt of an inopportune DM/F = 1.		
TP74-313	Check that the IUT, in state S7.4, ignores the received frame and discards its contents		
	after receipt of an inopportune $RNR/F = 1$ .		
TP74-314	Check that the IUT, in state S7.4, re-transmits the appropriate I-Frame after receipt of		
	an inopportune REJ/F = 1.		
TP74-315	Check that the IUT, after receipt of a RR/P = 1 with invalid N(R), responds with RR/F =		
	1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid		
	N(R) that provokes state transition S7.4 to S5.1		
TP74-316	Check that the ILIT after receipt of a $PNP/P = 1$ with invalid $N(P)$ responds with $PP/F$		
174-310	Check that the IOT, after receipt of a KINK/ $F = 1$ with invalid N(K), responds with KK/ $F = 1$ from and reacts the data link by conding SAPME/D = 1 or a receipt of the invalid		
	= 1 findine and resets the data link by sending SADiviE/P = 1 as a result of the invalid $N(D)$ that provokes state transition C7.4 to C5.4		
TD74.047	N(R) that provokes state transition 57.4 to 55.1.		
TP74-317	Check that the IUT, after receipt of a REJ/P = 1 with invalid N(R), responds with RR/F		
	= 1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid		
	N(R) that provokes state transition S7.4 to S5.1.		
TP74-318	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a		
	RR/P = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition		
	S7.4 to S5.1.		
(continued)			

TP74-319	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RNR/P = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.4 to S5.1.		
TP74-320	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a $REJ/P = 0$ with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.4 to S5.1.		
TP74-321	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RR/F = 1 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.4 to S5.1.		
TP74-322	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RNR/F = 1 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.4 to S5.1.		
TP74-323	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a $REJ/F = 1$ with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.4 to S5.1.		
TP74-324	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a $RR/F = 0$ with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.4 to S5.1.		
TP74-325	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RNR/F = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.4 to S5.1.		
TP74-326	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a $REJ/F = 0$ with invalid N(R), as a result of the invalid N(R) that provokes state transition S7.4 to S5.1.		
TP74-327	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a FRMR frame rejecting UA, as a result of state transition S7.4 to S5.1.		
TP74-328	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a FRMR frame rejecting I-Frame, as a result of state transition S7.4 to S5.1.		
TP74-329	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a FRMR frame rejecting S-Frame (RNR), as a result of state transition S7.4 to S5.1.		
TP74-330	Check that the IUT, in state S7.4, restarts timer T200 after receipt of a RR/F = 1, and check if the value of T200 is within tolerance.		
TP74-331	Check that the IUT, in state S7.4, re-transmits the appropriate I-Frames after receipt of a $REJ/F = 1$ .		
TP74-332	Check that the IUT, in state S7.4, restarts timer T200 after receipt of a RNR/F = 1, and check if the value of T200 is within tolerance.		
TP74-333	Check that the IUT, in state S7.4, rejects the received frame by sending REJ/F = 0 after receipt of an I-Frame/P = 0 with invalid N(S), and enters state S7.5.		
TP74-334	Check that the IUT, in state S7.4, rejects the received frame by sending REJ/F = 1 after receipt of an I-Frame/P = 1 with invalid $N(S)$ , and enters state S7.5.		
TP75-301	Check that the IUT, in state S7.5, replies with $RR/F = 1$ , ignores the received frame and discards its contents after receipt of an I-Frame/P = 1 with invalid N(S).		
TP75-302	Check that the IUT, in state S7.5, ignores the received frame and discards its contents after receipt of an I-Frame/P = 0 with invalid $N(S)$ .		
TP80-301	Check that the IUT, in state S8.0, acknowledges link reset by sending UA/F = 1 after receipt of a SABME/P = 1 frame and enters state S7.0.		
TP80-302	Check that the IUT, in state S8.0, acknowledges link reset by sending UA/F = 0 after receipt of a SABME/P = 0 frame and enters state S7.0.		
TP80-303	Check that the IUT, after receipt of a DM/F = 1, resets the data link by sending SABME/P = 1 as a result of state transition S8.0 to S5.1.		
TP80-304	Check that the IUT, after receipt of a DM/F = 0, resets the data link by sending SABME/P = 1 as a result of state transition S8.0 to S5.1.		
(continued)			

	transition S8.0 to S5.1.			
TP80-307	Check that the IUT, in state S8.0, after receipt of a I-Frame/P = 1 with invalid N(S).			
	rejects the received frame by sending REJ/F = 1 as a result of the invalid N(S) and			
	enters state S8.1.			
TP80-308	Check that the IUT, in state S8.0, after receipt of a I-Frame/P = 0 with invalid N(S).			
	rejects the received frame by sending REJ/E = 0 as a result of the invalid $N(S)$ and			
	enters state S8.1.			
TP80-309	Check that the IUT, after receipt of a I-Frame/P = 1 with invalid N(R) and invalid N(S).			
	rejects the received frame by sending $REJ/F = 1$ as a result of the invalid N(S), and			
	resets the data link by sending SABME/P = 1 as a result of the invalid $N(R)$ that			
	provokes state transition S8.0 to S5.1.			
TP80-310	Check that the IUT, after receipt of a I-Frame/P = 0 with invalid N(R) and invalid N(S).			
	rejects the received frame by sending $REJ/F = 0$ as a result of the invalid N(S), and			
	resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that			
	provokes state transition S8.0 to S5.1.			
TP80-311	Check that the IUT, in state S8.0, ignores the received frame and discards its contents			
	after receipt of an inopportune $UA/F = 1$ .			
TP80-312	Check that the IUT, in state S8.0, ignores the received frame and discards its contents			
	after receipt of an inopportune $UA/F = 0$ .			
TP80-313	Check that the IUT, after receipt of a RR/P = 1 with invalid N(R), responds with RR/F =			
	1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid			
	N(R) that provokes state transition S8.0 to S5.1.			
TP80-314	Check that the IUT, after receipt of a RNR/P = 1 with invalid N(R), responds with RR/F			
	= 1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid			
	N(R) that provokes state transition \$8.0 to \$5.1.			
TP80-315	Check that the IUT, after receipt of a REJ/P = 1 with invalid N(R), responds with RR/F			
	= 1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid			
	N(R) that provokes state transition S8.0 to S5.1.			
TP80-316	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a			
	RR/P = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition			
	S8.0 to S5.1.			
TP80-317	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a			
	RNR/P = 0 with invalid $N(R)$ , as a result of the invalid $N(R)$ that provokes state			
	transition S8.0 to S5.1.			
TP80-318	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a			
	REJ/P = 0 with invalid N(R), as a result of the invalid N(R) that provokes state			
	transition S8.0 to S5.1.			
TP80-319	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a			
	RR/F = 1 with invalid N(R), as a result of the invalid N(R) that provokes state transition			
	S8.0 to S5.1.			
TP80-320	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a			
	RNR/F = 1 with invalid N(R), as a result of the invalid N(R) that provokes state			
	transition S8.0 to S5.1.			
TP80-321	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a			
	REJ/F = 1 with invalid N(R), as a result of the invalid N(R) that provokes state			
	transition S8.0 to S5.1.			
TP80-322	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a			
	RR/F = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition			
	S8.0 to S5.1.			
(continued)				

TP80-323	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RNR/F = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S8.0 to S5.1.		
TP80-324	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a $REJ/F = 0$ with invalid N(R), as a result of the invalid N(R) that provokes state transition S8.0 to S5.1.		
TP80-325	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a FRMR frame rejecting I-Frame, as a result of state transition S8.0 to S5.1.		
TP80-326	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a FRMR frame rejecting S-Frame (RNR), as a result of state transition S8.0 to S5.1.		
TP80-327	Check that the IUT, in state S8.0, rejects the received frame by sending REJ/F = 0 after receipt of an I-Frame/P = 0 with invalid $N(S)$ , and enters state S8.1.		
TP80-328	Check that the IUT, in state S8.0, rejects the received frame by sending REJ/F = 1 after receipt of an I-Frame/P = 1 with invalid $N(S)$ , and enters state S8.1.		
TP81-301	Check that the IUT, in state S8.1, replies with $RR/F = 1$ , ignores the received frame and discards its contents after receipt of an I-Frame/P = 1 with invalid N(S).		
TP81-302	Check that the IUT, in state S8.1, ignores the received frame and discards its contents after receipt of an I-Frame/P = 0 with invalid $N(S)$ .		
TP84-301	Check that the IUT, in state S8.4, acknowledges link reset by sending UA/F = 1 after receipt of a SABME/P = 1 frame and enters state S7.0.		
TP84-302	Check that the IUT, in state S8.4, acknowledges link reset by sending UA/F = 0 after receipt of a SABME/P = 0 frame and enters state S7.0.		
TP84-303	Check that the IUT, after receipt of a DM/F = 1, resets the data link by sending SABME/P = 1 as a result of state transition S8.4 to S5.1.		
TP84-304	Check that the IUT, after receipt of a DM/F = 0, resets the data link by sending SABME/P = 1 as a result of state transition S8.4 to S5.1.		
TP84-305	Check that the IUT, after receipt of a I-Frame/P = 1 with invalid N(R), responds with RR/F = 1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.		
TP84-306	Check that the IUT, after receipt of a I-Frame/P = 0 with invalid N(R), resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.		
TP84-307	Check that the IUT, in state S8.4, after receipt of a I-Frame/P = 1 with invalid N(S), rejects the received frame by sending REJ/F = 1 as a result of the invalid N(S) and enters state S8.5.		
TP84-308	Check that the IUT, in state S8.4, after receipt of a I-Frame/P = 0 with invalid N(S), rejects the received frame by sending $REJ/F = 0$ as a result of the invalid N(S) and enters state S8.5.		
TP84-309	Check that the IUT, after receipt of a I-Frame/P = 1 with invalid N(R) and invalid N(S), rejects the received frame by sending REJ/F = 1 as a result of the invalid N(S), and resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.		
TP84-310	Check that the IUT, after receipt of a I-Frame/P = 0 with invalid N(R) and invalid N(S), rejects the received frame by sending REJ/F = 0 as a result of the invalid N(S), and resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.		
TP84-311	Check that the IUT, in state S8.4, ignores the received frame and discards its contents after receipt of an inopportune UA/F = 1.		
TP84-312	Check that the IUT, in state S8.4, ignores the received frame and discards its contents after receipt of an inopportune UA/F = 0.		
TP84-313	Check that the IUT, after receipt of a RR/P = 1 with invalid N(R), responds with RR/F = 1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.		
(continued)			

TP84-314	Check that the IUT, after receipt of a RNR/P = 1 with invalid N(R), responds with RR/F = 1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that receive a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state of the invalid N(R) are state as a state state as a state state of the invalid N(R) are state as a state state state as a state state state as a state state state as a state state state as a state state sta
	N(R) that provokes state transition S8.4 to S5.1.
TP84-315	Check that the IUT, after receipt of a REJ/P = 1 with invalid N(R), responds with RR/F = 1 frame and resets the data link by sending SABME/P = 1 as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.
TP84-316	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a $RR/P = 0$ with invalid N(R), as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.
TP84-317	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RNR/P = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.
TP84-318	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a REJ/P = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.
TP84-319	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a $RR/F = 1$ with invalid N(R), as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.
TP84-320	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RNR/F = 1 with invalid N(R), as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.
TP84-321	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a REJ/F = 1 with invalid N(R), as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.
TP84-322	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RR/F = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.
TP84-323	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a RNR/F = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.
TP84-324	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a REJ/F = 0 with invalid N(R), as a result of the invalid N(R) that provokes state transition S8.4 to S5.1.
TP84-325	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a FRMR frame rejecting I-Frame, as a result of state transition S8.4 to S5.1.
TP84-326	Check that the IUT resets the data link by sending SABME/P = 1 after receipt of a FRMR frame rejecting S-Frame (RNR), as a result of state transition S8.4 to S5.1.
TP84-327	Check that the IUT, in state S8.4, rejects the received frame by sending $REJ/F = 0$ after receipt of an I-Frame/P = 0 with invalid N(S), and enters state S8.5.
TP84-328	Check that the IUT, in state S8.4, rejects the received frame by sending $REJ/F = 1$ after receipt of an I-Frame/P = 1 with invalid N(S), and enters state S8.5.
TP85-301	Check that the IUT, in state S8.5, replies with $RR/F = 1$ , ignores the received frame and discards its contents after receipt of an I-Frame/P = 1 with invalid N(S).
TP85-302	Check that the IUT, in state S8.5, ignores the received frame and discards its contents after receipt of an I-Frame/P = 0 with invalid $N(S)$ .

## Table 3: Invalid Behaviour (BI)

TP40-601	Check that the IUT, in state S4.0, after receipt of an invalid SABME/P = 1 frame with
TD40.000	Check that the ULT is state 24.0, after received frame and discards its contents.
1P40-602	an invalid address ignores the received frame and discards its contents.
TP40-603	Check that the IUT, in state S4.0, after receipt of an invalid I-Frame/P = 0 whose information field exceeds N201 octets informatinformatinformation field exceeds N201 octets informati
	contents.
TP40-604	Check that the IUT in state S4.0 after receipt of an invalid DISC/P = 1 frame with
11 10 001	incorrect length ignores the received frame and discards its contents.
TP40-605	Check that the IUT, in state S4.0, after receipt of an invalid RR/P = 1 frame with
	incorrect length ignores the received frame and discards its contents.
TP40-606	Check that the IUT, in state S4.0, after receipt of an invalid FRMR/F = 0 frame with incorrect length ignores the received frame and discards its contents
TP40-607	Check that the ILIT in state S4.0, after receipt of an undefined 3 octet frame ignores
1F40-007	the received frame and discards its contents.
TP40-608	Check that the IUT, in state S4.0, after receipt of an undefined frame (UI frame in
	ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its contents.
TP40-609	Check that the IUT, in state S4.0, after receipt of an undefined frame (XID frame in
	ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its
	contents.
TP40-610	Check that the IUT, in state S4.0, after receipt of an invalid SABME/P = 1 frame with
	SAPI value not equal to zero ignores the received frame and discards its contents.
TP40-611	Check that the IUT, in state S4.0, after receipt of an invalid I-Frame/P = 0 containing
	an FCS error ignores the received frame and discards its contents.
TP50-601	Check that the IUT, in state S5.0, after receipt of an invalid I-Frame/P = 0 whose
	information field exceeds N201 octets ignores the received frame and discards its
	contents.
TP50-602	Check that the IUT, in state S5.0, after receipt of an invalid DISC/P = 1 frame with
TD50.000	Incorrect length ignores the received frame and discards its contents.
1P50-603	Check that the IUT, in state S5.0, after receipt of an invalid RR/P = 1 frame with
	Check that the ULT is state SE 0, after receipt of an invalid EDMD/E = 0 from with
1250-604	Check that the $101$ , in state 55.0, after receipt of an invalid FRIMR/F = 0 frame with incorrect length ignores the received frame and discards its contents
TP50_605	Check that the ILIT in state S5.0, after receipt of an undefined 3 octet frame ignores
11 30-003	the received frame and discards its contents.
TP50-606	Check that the IUT, in state S5.0, after receipt of an undefined frame (UI frame in
	ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its
	contents.
TP50-607	Check that the IUT, in state S5.0, after receipt of an undefined frame (XID frame in
	ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its
	contents.
TP50-608	Check that the IUT, in state S5.0, after receipt of an invalid SABME/P = 1 frame with
	SAPI value not equal to zero ignores the received frame and discards its contents.
TP50-609	Check that the IUT, in state S5.0, after receipt of an invalid I-Frame/P = 0 containing
	an FCS error ignores the received frame and discards its contents.
TP60-601	Check that the IUT, in state S6.0, after receipt of an invalid I-Frame/P = 0 whose
	information field exceeds inzo roctets ignores the received frame and discards its
TDE0 E02	Check that the ILIT in state S6.0, after receipt of an invalid $DISC/P = 1$ from with
1700-002	incorrect length ignores the received frame and discards its contents.
	(continued)

## Table 3 (continued): Invalid Behaviour (BI)

TP60-603	Check that the IUT, in state S6.0, after receipt of an invalid RR/P = 1 frame with incorrect length ignores the received frame and discards its contents		
TP60-604	Check that the IUT, in state S6.0, after receipt of an invalid FRMR/F = 0 frame with		
	Incorrect length ignores the received frame and discards its contents.		
1960-605	Check that the IUT, in state S6.0, after receipt of an undefined 3 octet frame ignores		
	Check that the ULT is state S6.0, after receipt of an undefined frame (ULI frame in		
1900-000	ETS 200 402 2 [1] table 5/0 021) ignores the received frame and discards its		
	contents		
TP60-607	Check that the ILIT in state S6.0, after receipt of an undefined frame (XID frame in		
11 00 007	ETS 300 402-2 [1] table 5/0 921) ignores the received frame and discards its		
	contents		
TP60-608	Check that the IUT, in state S6.0, after receipt of an invalid SABME/P = 1 frame with		
	SAPI value not equal to zero ignores the received frame and discards its contents.		
TP60-609	Check that the IUT, in state S6.0, after receipt of an invalid I-Frame/P = 0 containing		
	an FCS error ignores the received frame and discards its contents.		
TP70-601	Check that the IUT, in state S7.0, resets the data link by sending SABME/P = 1 after		
	receipt of a modulo 8 supervisory frame.		
TP70-602	Check that the IUT, in state S7.0, resets the data link by sending SABME/P = 1 after		
	receipt of an I-Frame/P = 1 with erroneous CR bit value.		
TP70-603	Check that the IUT, in state S7.0, resets the data link by sending SABME/P = 1 after		
	receipt of an invalid I-Frame/P = 0 whose information field exceeds N201 octets.		
TP70-604	Check that the IUT, in state S7.0, resets the data link by sending SABME/P = 1 after		
	receipt of an invalid DISC/P = 1 frame with incorrect length.		
TP70-605	Check that the IUI, in state S7.0, resets the data link by sending SABME/P = 1 after the second sec		
	receipt of an invalid RR/P = 1 frame with incorrect length.		
1970-000	Check that the IOT, in state 57.0, resets the data link by sending SADWE/P = Taller receipt of an invalid EPMP/E = 0 frame with incorrect length		
TP70-607	Check that the IIIT in state S7.0, resets the data link by sending SABME/P – 1 after		
11 70-007	receipt of an invalid (undefined) unnumbered frame (3 octet frame)		
TP70-608	Check that the IUT, in state S7.0, resets the data link by sending SABME/P = 1 after		
	receipt of an invalid (undefined) supervisory frame (4 octet frame).		
TP70-609	Check that the IUT, in state S7.0, after receipt of an undefined frame (UI frame in		
	ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its		
	contents.		
TP70-610	Check that the IUT, in state S7.0, after receipt of an undefined frame (XID frame in		
	ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its		
	contents.		
IP70-611	Check that the IUI, in state S7.0, after receipt of an invalid SABME/P = 1 frame with SABL value not equal to zero imported the receipt of an invalid SABME/P = 1 frame with		
TD70.610	SAPI value not equal to zero ignores the received frame and discards its contents.		
1970-012	Check that the IDT, in state $57.0$ , after receipt of an invalid i-Frame/P = 0 containing on ECS error ignores the received frame and discards its contents		
TP74-601	Check that the IIIT in state S7.4, resets the data link by sending SABME/P = 1 after		
1174001	receipt of an invalid I-Frame/P = 0 whose information field exceeds N201 octets		
TP74-602	Check that the IUT, in state S7.4, resets the data link by sending SABME/P = 1 after		
	receipt of an invalid DISC/P = 1 frame with incorrect length.		
TP74-603	Check that the IUT, in state S7.4, resets the data link by sending SABME/P = 1 after		
	receipt of an invalid RR/P = 1 frame with incorrect length.		
TP74-604	Check that the IUT, in state S7.4, resets the data link by sending SABME/P = 1 after		
	receipt of an invalid FRMR/F = 0 frame with incorrect length.		
TP74-605	Check that the IUT, in state S7.4, resets the data link by sending SABME/P = 1 after		
	receipt of an invalid (undefined) unnumbered frame (3 octet frame).		
1274-606	Check that the IUI, in state S7.4, resets the data link by sending SABME/P = 1 after receipt of an invalid (undefined) current isomy (A state frame)		
	receipt of an invalid (undefined) supervisory frame (4 octet frame).		
(continued)			
1			

## Table 3 (concluded): Invalid Behaviour (BI)

TP74-607	Check that the IUT, in state S7.4, after receipt of an undefined frame (UI frame in ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its contents.
TP74-608	Check that the IUT, in state S7.4, after receipt of an undefined frame (XID frame in ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its contents.
TP74-609	Check that the IUT, in state S7.4, after receipt of an invalid SABME/P = 1 frame with SAPI value not equal to zero ignores the received frame and discards its contents.
TP74-610	Check that the IUT, in state S7.4, after receipt of an invalid I-Frame/P = 0 containing an FCS error ignores the received frame and discards its contents.
TP80-601	Check that the IUT, in state S8.0, resets the data link by sending SABME/P = 1 after receipt of an invalid I-Frame/P = 0 whose information field exceeds N201 octets.
TP80-602	Check that the IUT, in state S8.0, resets the data link by sending SABME/P = 1 after receipt of an invalid DISC/P = 1 frame with incorrect length.
TP80-603	Check that the IUT, in state S8.0, resets the data link by sending SABME/P = 1 after receipt of an invalid RR/P = 1 frame with incorrect length.
TP80-604	Check that the IUT, in state S8.0, resets the data link by sending SABME/P = 1 after receipt of an invalid FRMR/F = 0 frame with incorrect length.
TP80-605	Check that the IUT, in state S8.0, resets the data link by sending SABME/P = 1 after receipt of an invalid (undefined) unnumbered frame (3 octet frame).
TP80-606	Check that the IUT, in state S8.0, resets the data link by sending SABME/P = 1 after receipt of an invalid (undefined) supervisory frame (4 octet frame).
TP80-607	Check that the IUT, in state S8.0, after receipt of an undefined frame (UI frame in ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its contents.
TP80-608	Check that the IUT, in state S8.0, after receipt of an undefined frame (XID frame in ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its contents.
TP80-609	Check that the IUT, in state S8.0, after receipt of an invalid SABME/P = 1 frame with SAPI value not equal to zero ignores the received frame and discards its contents.
TP80-610	Check that the IUT, in state S8.0, after receipt of an invalid I-Frame/P = 0 containing an FCS error ignores the received frame and discards its contents.
TP84-601	Check that the IUT, in state S8.4, resets the data link by sending SABME/P = 1 after receipt of an invalid I-Frame/P = 0 whose information field exceeds N201 octets.
TP84-602	Check that the IUT, in state S8.4, resets the data link by sending SABME/P = 1 after receipt of an invalid DISC/P = 1 frame with incorrect length.
TP84-603	Check that the IUT, in state S8.4, resets the data link by sending SABME/P = 1 after receipt of an invalid RR/P = 1 frame with incorrect length.
TP84-604	Check that the IUT, in state S8.4, resets the data link by sending SABME/P = 1 after receipt of an invalid FRMR/F = 0 frame with incorrect length.
TP84-605	Check that the IUT, in state S8.4, resets the data link by sending SABME/P = 1 after receipt of an invalid (undefined) unnumbered frame (3 octet frame).
TP84-606	Check that the IUT, in state S8.4, resets the data link by sending SABME/P = 1 after receipt of an invalid (undefined) supervisory frame (4 octet frame).
TP84-607	Check that the IUT, in state S8.4, after receipt of an undefined frame (UI frame in ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its contents.
TP84-608	Check that the IUT, in state S8.4, after receipt of an undefined frame (XID frame in ETS 300 402-2 [1] table 5/Q.921) ignores the received frame and discards its contents.
TP84-609	Check that the IUT, in state S8.4, after receipt of an invalid SABME/P = 1 frame with SAPI value not equal to zero ignores the received frame and discards its contents.
TP84-610	Check that the IUT, in state S8.4, after receipt of an invalid I-Frame/P = 0 containing an FCS error ignores the received frame and discards its contents.

#### Page 28 ETS 300 804-1: February 1998

#### 5.2.4 Undefined TPs

There are no TPs defined, for the states: 7.2, 7.3, 7.6, 7.7, 8.2, 8.3, 8.6, and 8.7, because only internal conditions of the IUT can place it into these states. The procedures and mechanisms for managing these internal conditions are outside the specified procedures in ETS 300 402-2 [1].

## History

Document history			
July 1996	Public Enquiry	PE 110:	1996-07-02 to 1996-11-15
November 1997	Vote	V 9803:	1997-11-18 to 1998-01-16
February 1998	First Edition		