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Part 6: Test Suite Structure (TSS) and Test Purposes (TP)
Network (NWK) layer - Portable radio Termination (PT)

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Foreword

This draft second edition European Telecommunication Standard (ETS) has been produced by the Digital Enhanced Cordless Telecommunications (DECT) Project of the European Telecommunications Standards Institute (ETSI), and is now submitted for the Public Enquiry phase of the ETSI standards approval procedure.

This ETS comprises nine parts, as follows:

Part 1:	"Test Suite Structure (TSS) and Test Purposes (TP) for Medium Access Control (MAC)
	layer".

Part 2:	"Abstract Test Suite (ATS) for Medium Access Control (MAC) layer - Portable radio
	Termination (PT)".

- Part 3: "Abstract Test Suite (ATS) for Medium Access Control (MAC) layer Fixed radio Termination (FT)".
- Part 4: "Test Suite Structure (TSS) and Test Purposes (TP) Data Link Control (DLC) layer".
- Part 5: "Abstract Test Suite (ATS) Data Link Control (DLC) layer".
- Part 6: "Test Suite Structure (TSS) and Test Purposes (TP) Network (NWK) layer Portable radio Termination (PT)".
- Part 7: "Abstract Test Suite (ATS) for Network (NWK) layer Portable radio Termination (PT)".
- Part 8: "Test Suite Structure (TSS) and Test Purposes (TP) Network (NWK) layer Fixed radio Termination (FT)".
- Part 9: "Abstract Test Suite (ATS) for Network (NWK) layer Fixed radio Termination (FT)".

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

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1 Scope

[10]

This European Telecommunication Standard (ETS) contains the test specification for the Digital Enhanced Cordless Telecommunications (DECT) (ETS 300 175 [1] to [8]).

The objective of this test specification is to provide a basis for approval tests for DECT equipment giving a high probability of air interface inter-operability between different manufacturer's DECT equipment. This test specification defines the Test Suite Structure (TSS) and Test Purposes (TP) for testing of the Network (NWK) layer at the Portable radio Termination (PT).

The ISO standard for the methodology of conformance testing (ISO/IEC 9646-1 [14]) as well as the ETSI rules for conformance testing (ETS 300 406 [10]) are used as a basis for the test methodology.

Test specifications for the Physical Layer (PHL) are provided in other DECT standards.

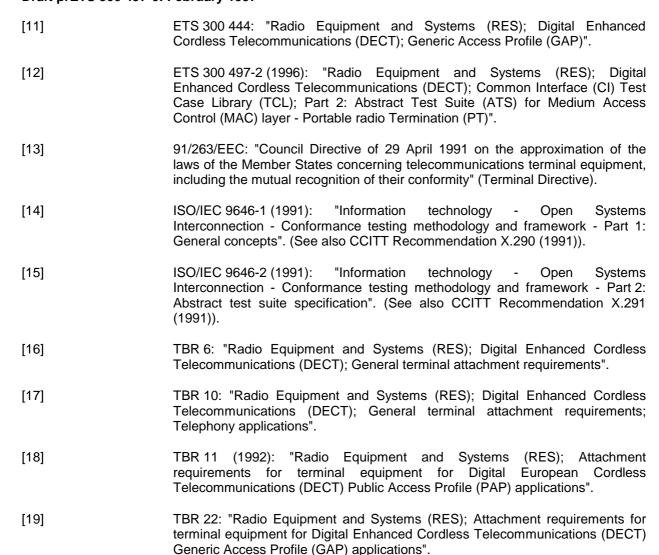
2 Normative references

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

[1]	ETS 300 175-1: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 1: Overview".
[2]	ETS 300 175-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical layer (PHL)".
[3]	ETS 300 175-3: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer".
[4]	ETS 300 175-4: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer".
[5]	ETS 300 175-5: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer".
[6]	ETS 300 175-6: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing".
[7]	ETS 300 175-7: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features".
[8]	ETS 300 175-8: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 8: Speech coding and transmission".
[9]	ETS 300 323-1: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Public Access Profile (PAP) test specification Part 1: Overview".

ETS 300 406: "Methods for Testing and Specification (MTS); Protocol and

profile conformance testing specifications; Standardization methodology".



3 Definitions and abbreviations

3.1 DECT definitions

For the purposes of this ETS, the definitions given in ISO/IEC 9646-1 [14], ISO/IEC 9646-2 [15], ETS 300 175-1 [1], ETS 300 175-5 [5], ETS 300 175-6 [6] and ETS 300 175-7 [7] apply.

3.2 Abbreviations

For the purposes of this ETS the following abbreviations apply:

AC **Authentication Code** AR Access Rights ΑU Authentication ΒI Invalid Behaviour ВО Inopportune Behaviour Valid Behaviour BV CA Capability CA Capability tests CC Call Control СН Ciphering CI **Call Information** CR Call Release

CTS Conformance Testing Services

DECT Digital Enhanced Cordless Telecommunication

FT Fixed radio Termination
GAP Generic Access Profile

IC Incoming Call ID Identification

IPUI International Portable User Identity
IUT Implementation Under Test

KA Key Allocation LC Link Control entity

LE Connection oriented Link Establishment

LL Connectionless Link control

LO Location

LR Connection oriented Link Release

LS Connection oriented Link Suspend and resume

MAC Medium Access Control ME Management Entity

ML Connectionless Message Services

MM Mobility Management

MO Connection Oriented Message Services

NWK Network layer OC Outgoing Call

PARK Portable Access Rights Key

PDU Protocol Data Unit PHL Physical Layer

PICS Protocol Implementation Conformance Statement
PIXIT Protocol Implementation Extra Information for Testing

PM Packet Mode
PR Parameter Retrieval
PT Portable radio termination

RS Call Related Supplementary Services

SC Service Change
TP Test Purpose
TSS Test Suite Structure
UAK User Authentication Key

4 Test Suite Structure (TSS)

4.1 TSS overview

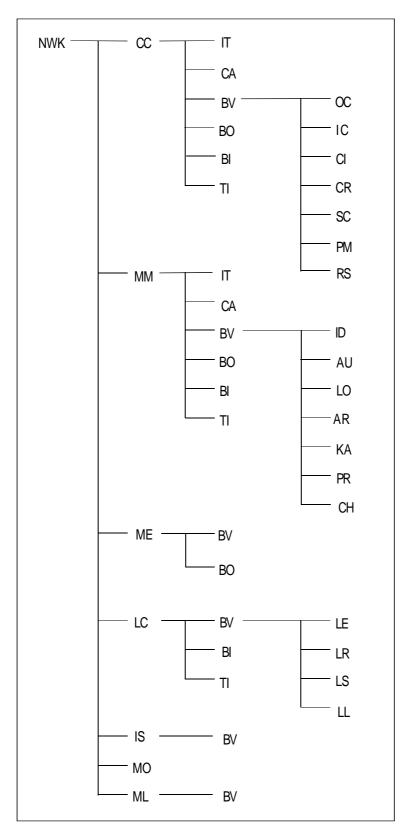


Figure 1: TSS

4.2 Test groups

4.2.1 Protocol groups

4.2.1.1 Call Control (CC)

Ref.: ETS 300 175-5 [5], subclause 5.2 and clause 9

4.2.1.2 Mobility Management (MM)

Ref.: ETS 300 175-5 [5], subclause 5.6 and clause 13

4.2.1.3 Lower Layer Management Entity (LLME)

Ref.: ETS 300 175-5 [5], clause 15

4.2.1.4 Link Control (LC)

Ref.: ETS 300 175-5 [5], subclause 5.7 and clause 14

4.2.1.5 Call Independent Supplementary Services (CISS)

Ref.: ETS 300 175-5 [5], subclauses 5.3 and 10.4.2.2

4.2.1.6 Connection Oriented Message Services (COMS)

Ref.: ETS 300 175-5 [5], subclause 5.4 and clause 11

4.2.1.7 ConnectionLess Message Services (CLMS)

Ref.: ETS 300 175-5 [5], subclause 5.5 and clause 12

4.2.2 Main test groups

4.2.2.1 Basic InTerconnection tests (IT)

IT tests provide limited testing of an Implementation Under Test (IUT) in order to establish that there is sufficient conformance for possible interconnection without trying to perform thorough testing. In particular, only those test cases will be executed which will assure the sufficient interconnection between the IUT of the NWK layer and the test system exists, so that the rest of the test cases can then be put into execution.

4.2.2.2 CApability tests (CA)

CA tests provide limited testing that the observable capabilities of the IUT are in accordance with the static conformance requirements and the additional capabilities claimed in the Protocol Implementation Conformance Statement / Protocol Implementation Extra Information for Testing (PICS/PIXIT). In particular, this test group can be regarded as a set of spot checks for all the capabilities of the IUT stated in the PICS/PIXIT. Scope of the test group is the observable capabilities of the IUT with respect to NWK layer connection, call control, and the mobility management.

4.2.2.3 Valid Behaviour tests (BV)

BV group tests an IUT in response to valid behaviour of the test system. "Valid" means that a test event is syntactically and contextually correct. All test cases in the valid behaviour group are intended to verify as thoroughly as possible the various functions of the protocol.

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4.2.2.4 Invalid Behaviour tests (BI)

BI group is intended to verify that the IUT is able to react properly in case an invalid protocol data unit (message) occurring. Invalid Protocol Data Unit (PDU) here means syntactically or semantically invalid test events generated by the test system. A syntactically or semantically invalid test event regardless of the current state is not allowed.

4.2.2.5 InOpportune Behaviour tests (BO)

BO test group is intended to verify that the IUT is able to react properly in case an inopportune test event occurring. Such an event is syntactically correct, but occurs when it is not allowed.

4.2.2.6 Timer expiry and counter mismatch tests (TI)

Different timers and counters are defined to supervise the various state transitions. This test subgroup is intended to verify that the IUT is reacting properly to an expiry of one of the timers or counters mismatch.

5 **Test Purposes (TPs)**

Each test case is allocated directly under a defined TP.

5.1 Introduction

5.1.1 TP definition conventions

The TPs are defined following particular rules as shown in the table 1.

Table 1: TP definition rules

TP Id according to	Reference
the TP naming	Initial condition
conventions	Stimulus
Source reference	Expected behaviour

TP Id: the TP Id is a unique identifier it shall be specified according to the TP naming conventions defined in the subclause below.

the reference should contain the references of the subject to be validated by the actual TP (specification reference, clause, paragraph).

the condition defines in which initial state the IUT has to be to apply the actual TP. Condition:

Stimulus: the stimulus defines the test event to which the TP is related.

Expected behaviour: definition of the events that are expected from the IUT to conform to the base

specification.

Reference:

5.1.2 References

This subclause defines the use of references given in the TPs. The structure provides the interrelationship with:

- the source ETS giving the clause/subclause reference;
- the profile ETS giving the clause/subclause reference; and
- the cross reference to the output of the Conformance Testing Services (CTS) project, CTS 3 (see annex A).

5.1.3 TP naming conventions

The identifier of the TP is built according to table 2:

Table 2: TP naming convention

TP/ <rt>/<fm>/<x>/<s>/<nn></nn></s></x></fm></rt>		
<rt>= type of radio termination</rt>	PT	Portable radio Termination
<fm> = functional module</fm>	CC	Call Control
	MM	Mobility Management
	ME	Lower Layer Management Entity
	LC	Link Control Entity
	IS	Call Independent Supplementary Services
	MO	Connection Oriented Message Service
	ML	Connectionless Message Service
x = Type of testing	IT	Basic Interconnection Tests
-	CA	CApability Tests
	BV	Valid Behaviour Tests
	во	Inopportune Behaviour Tests
	BI	Invalid Behaviour Tests
	TI	Timer expiry and counter mismatch tests
s = test subgroup	OC	Outgoing Call establishment
	IC	Incoming Call establishment
	CI	Call Information
	CR	Call Release
	SC	Service Change
	PM	Packet Mode
	RS	Call Related Supplementary services
	ID	Identification
	AU	Authentication
	LO	Location
	AR	Access Rights
	KA	Key Allocation
	PR	Parameter Retrieval
	СН	Ciphering
	LE	Connection oriented Link Establishment
	LR	Connection oriented Link Release
	LS	Connection oriented Link Suspend and resume
	LL	ConnectionLess Link Control
<nn> = sequential number</nn>	(01-99)	Test Purpose Number

Page 14 Draft prETS 300 497-6: February 1997 5.2 CC

Test group objectives:

To check the behaviour of the CC module of the IUT.

Subgroups:

- IT;
- CA;
- BV;
- BO;
- BI;
- Tl.

5.2.1 CC/IT

- TP/PT/CC/BV/OC-01.

5.2.2 CC/CA

- TP/PT/CC/BV/OC-01;
- TP/PT/CC/BV/IC-01.

5.2.3 CC/BV

Subgroups:

- OC;
- IC;
- CI;
- CR;
- SC;
- PM;
- RS.

5.2.3.1 CC/BV/OC

Test subgroup objectives:

To check the IUT's behaviours to setup an outgoing call.

TP/PT/CC/BV/OC-01	Reference: ETS 300 175-5 [5], subclauses 9.1, 9.2, 9.3.1
N_106	ETS 300 444 [11], subclause 8.1, figure 1
11_100	ETS 300 323-1 [9], subclause 5.3.1.1
	Initial state: T-00
	Verify that the IUT is able to perform a CC-state transition from the T-00 state
	to T-10 state via T-01, T-02, T-03 and T-04 for an outgoing normal call set-up
	using piecewise method to transfer dialling information in state T-02.
TP/PT/CC/BV/OC-02	Reference: ETS 300 175-5 [5], subclauses 9.1, 9.2, 9.3.1
New	ETS 300 444 [11], subclause 8.1, figure 2
INEW	Initial state: T-00
	Verify that the IUT is able to perform a CC-state transition from the T-00 state
	to T-10 state via T-01 for an outgoing normal call set-up using piecewise
	method to transfer dialling information in state T-10.
TP/PT/CC/BV/OC-03	Reference: ETS 300 175-5 [5], subclauses 9.1, 9.2, 9.3.1
N_129	ETS 300 444 [11], subclause 8.1, figure 3
11_129	ETS 300 323-1 [9], subclause 5.3.1.1
	Initial state: T-00
	Verify that the IUT is able to perform a CC-state transition from the T-00 state
	to T-10 state via T-01 and T-02 for an outgoing normal call set-up using
	piecewise method to transfer dialling information in states T-02 and T-10.
TP/PT/CC/BV/OC-04	Reference: ETS 300 175-5 [5], subclauses 9.3.1.4 and 9.3.1.5,
New	ETS 300 444 [11], subclause 8.3, figure 9, table 11
INEW	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.1
	Initial state: T-01
	Verify that the IUT is able to connect the U-plane on receipt of the {CC-
	SETUP-ACK} message with the information element << PROGRESS
	INDICATOR>> containing "in-band information or appropriate pattern now
	available".
TP/PT/CC/BV/OC-05	Reference: ETS 300 175-5 [5], subclauses 9.1, 9.2, 9.3.1
N_101, 2, 3,	ETS 300 323-1 [9], subclause 5.3.1.1
N_1050, 56, 59-70,	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.1
11_1000,00,0010,	Initial state: T-00
	Verify that the IUT is able to perform a CC-state transition from the T-00 state
	to T-10 state via T-01, T-02, T-03 and T-04 for an outgoing normal call set-up
	using en-bloc method to transfer dialling information.
TP/PT/CC/BV/OC-06	Reference: ETS 300 175-5 [5], subclauses 9.1, 9.2, 9.3.1
N_150	ETS 300 323-1 [9], subclause 5.3.1.8
1.2.00	Initial state: T-00
	Verify that the IUT is able, prior to subscription, to perform a CC-state
	transition from the T-00 state to T-10 state for an outgoing emergency call
	set-up.
TP/PT/CC/BV/OC-07	Reference: ETS 300 175-5 [5], subclauses 9.1, 9.2, 9.3.1
N_151,	ETS 300 323-1 [9], subclause 5.3.1.8
N_1052, 53	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.1
_ ,	Initial state: T-00
	Verify that the IUT is able, when it has subscription record in the Fixed radio
	Termination (FT), to perform a CC-state transition from the T-00 state to T-10
	state for an outgoing emergency call set-up.

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5.2.3.2 CC/BV/IC

Test subgroup objectives:

To check the IUT's behaviours to setup an incoming call.

TP/PT/CC/BV/IC-01	Reference: ETS 300 175-5 [5], subclauses 9.1, 9.2, 9.3.2
N_120	ETS 300 444 [11], subclause 8.11, figure 28
N_1094 (state T-07)	ETS 300 323-1 [9], subclause 5.3.1.2
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.2
	Initial state: T-00
	Verify that the IUT is able to process an incoming call via the states T-06, T-
	07 and T-08 to the state T-10. The information element < <signal>> is in the</signal>
	{CC-INFO} message.
TP/PT/CC/BV/IC-02	Reference: ETS 300 175-5 [5], subclauses 9.1, 9.2, 9.3.2
N_1090	ETS 300 444 [11], subclause 8.11, figure 29
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.2
	Initial state: T-00
	Verify that the IUT is able to process an incoming call via the states T-06, T-
	07 and T-08 to the state T-10. The information element < <signal>> is in the</signal>
	{CC-SETUP} message.
TP/PT/CC/BV/IC-03	Reference: ETS 300 175-5 [5], subclauses 9.3.2.4
New	ETS 300 444 [11], subclause 8.12 (future Generic Access
	Profile (GAP))
	Initial state: T-00
	Verify that the IUT in case of incoming call, is able to connect the U-plane on receipt of the {CC-SETUP} message with the information element
	<< PROGRESS INDICATOR>> containing "in-band information or appropriate
	pattern now available".
TP/PT/CC/BV/IC-04	Reference: ETS 300 175-5 [5], subclauses 9.3.2.4
New	ETS 300 444 [11], subclause 8.14 (future GAP)
	Initial state: T-00
	Verify that the IUT in case of incoming call, is able to connect the U-plane on
	receipt of a {CC-INFO} message with the information element << PROGRESS
	INDICATOR>> containing "in-band information or appropriate pattern now available".

5.2.3.3 CC/BV/CI

Test subgroup objectives:

To check the IUT's behaviours for information transfer.

TP/PT/CC/BV/CI-01	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
N_125	ETS 300 444 [11], subclause 8.13
N_1132	ETS 300 323-1 [9], subclause 5.3.1.7
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.4
	Verify that the IUT is able to alert the user of an incoming call, when the
	information element < <signal>> is present in the {CC-SETUP} message.</signal>
TP/PT/CC/BV/CI-02	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
N_145	ETS 300 444 [11], subclause 8.10, table 20
	ETS 300 323-1 [9], subclause 5.3.1.7
	Initial state: T-02
	Verify that the IUT, after the user has invoked pulse (decadic) dialling, sends
	a {CC-INFO} message with a < <multi-keypad>> information element</multi-keypad>
	containing keypad-info '12H' (goto pulse).
	(feature N.23 in ETS 300 444 [11])
TP/PT/CC/BV/CI-03	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
N_148	ETS 300 444 [11], subclause 8.10, table 20
1.5	ETS 300 323-1 [9], subclause 5.3.1.7
	Initial state: T-10
	Verify that the IUT, after the user has invoked pulse (decadic) dialling, sends
	a {CC-INFO} message with a < <multi-keypad>> information element</multi-keypad>
	containing keypad-info '12H' (goto pulse).
	(feature N.23 in ETS 300 444 [11])
TP/PT/CC/BV/CI-04	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
N_157	ETS 300 444 [11], subclause 8.10, table 20
14_197	ETS 300 323-1 [9], subclause 5.3.1.7
	Initial state: T-02
	Verify that the IUT, after the user has invoked dialling pause, sends a {CC-
	INFO} message with a < <multi-keypad>> information element containing</multi-keypad>
	keypad-info '05H' (dialling pause).
	(feature N.7 in ETS 300 444 [11])
TP/PT/CC/BV/CI-05	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
N_158	
N_136	ETS 300 444 [11], subclause 8.10, table 20
	ETS 300 323-1 [9], subclause 5.3.1.7 Initial state: T-10
	Verify that the IUT, after the user has invoked dialling pause, sends a {CC-
	INFO} message with a < <multi-keypad>> information element containing</multi-keypad>
	keypad-info '05H' (dialling pause).
TD/DT/CC/DV/CL OC	(feature N.7 in ETS 300 444 [11])
TP/PT/CC/BV/CI-06	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
N_162	ETS 300 444 [11], subclause 8.10, table 20
N_1138	ETS 300 323-1 [9], subclause 5.3.1.7
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.4
	Initial state: T-02
	Verify that the IUT, after the user has invoked DTMF dialling with defined tone
	length, sends a {CC-INFO} message with a < <multi-keypad>> information</multi-keypad>
	element containing keypad-info '14H' (goto DTMF, defined tone length).
	(feature N.6 in ETS 300 444 [11])
	(continued)

(concluded)

TP/PT/CC/BV/CI-07	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
	• • •
N_163	ETS 300 444 [11], subclause 8.10, table 20
N_1138	ETS 300 323-1 [9], subclause 5.3.1.7
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.4
	Initial state: T-10
	Verify that the IUT, after the user has invoked DTMF dialling with defined tone
	length, sends a {CC-INFO} message with a < <multi-keypad>> information</multi-keypad>
	element containing keypad-info '14H' (goto DTMF, defined tone length).
	(feature N.6 in ETS 300 444 [11])
TP/PT/CC/BV/CI-08	
	L 2'
N_165	ETS 300 444 [11], subclause 8.10, table 20
	ETS 300 323-1 [9], subclause 5.3.1.7
	Initial state: T-02
	Verify that the IUT, after the user has invoked DTMF dialling with infinite tone
	length, sends a {CC-INFO} message with a < <multi-keypad>> information</multi-keypad>
	element containing keypad-info '16H' (goto DTMF, infinite tone length).
	(feature N.22 in ETS 300 444 [11])
TP/PT/CC/BV/CI-09	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
N_166	ETS 300 444 [11], subclause 8.10, table 20
11_100	ETS 300 323-1 [9], subclause 5.3.1.7
	Initial state: T-10
	Verify that the IUT, after the user has invoked DTMF dialling with infinite tone
	length, sends a {CC-INFO} message with a < <multi-keypad>> information</multi-keypad>
	element containing keypad-info '16H' (goto DTMF, infinite tone length).
	(feature N.22 in ETS 300 444 [11])
TP/PT/CC/BV/CI-10	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
N_170	ETS 300 444 [11], subclause 8.10, table 20
	ETS 300 323-1 [9], subclause 5.3.1.7
	Initial state: T-02
	Verify that the IUT, after the user has invoked the sending of the basic digits
	(0-9, star, hash mark), sends one or more {CC-INFO} messages with
	< <multi-keypad>> information elements containing the basic digits.</multi-keypad>
TD/DT/00/DV/01/44	(feature N.4 in ETS 300 444 [11])
TP/PT/CC/BV/CI-11	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
New	ETS 300 444 [11], subclause 8.18, table 30 and 31
	Verify that the IUT, after the user has invoked an internal call, performs either
	one of the possible internal call setups, as described in ETS 300 444 [11],
	subclause 8.18, table 30 and 31.
TP/PT/CC/BV/CI-12	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
N_168	ETS 300 444 [11], subclause 8.16, table 27
N 1130	ETS 300 323-1 [9], subclause 5.3.1.7
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.4
	Initial state: T-07
	Verify that the IUT, on reception of < <multi_display>> information</multi_display>
	elements, containing standard characters in {CC-INFO} messages, is able to
	show these characters on the display.
TD/DT/CC/D\//CL12	
TP/PT/CC/BV/CI-13	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
N_169	ETS 300 444 [11], subclause 8.16, table 27
N_1131	ETS 300 323-1 [9], subclause 5.3.1.7
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.4
	Initial state: T-07
	Verify that the IUT, on reception of < <multi_display>> information</multi_display>
	elements, containing control characters in {CC-INFO} messages, is able to
	understand and react upon these characters.
TP/PT/CC/BV/CI-14	Reference: ETS 300 175-5 [5], subclause 9.3.1.5
N_306	ETS 300 444 [11], subclause 8.10, table 20
N_1143	ETS 300 323-1 [9], subclause 5.3.3.3
_	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.4
	Initial state: T-10
	Verify that the IUT, after invocation of 'register recall', is able to activate the
	feature register recall in a {CC-INFO} message.
	Troduction register recall in a 100-livin of linessage.

5.2.3.4 CC/BV/CR

Test subgroup objectives:

To check the IUT's behaviour to release an outgoing and incoming call.

TP/PT/CC/BV/CR-01	Reference: ETS 300 175-5 [5], subclause 9.5.1
N 1185	ETS 300 444 [11], subclause 8.3.2.4
11_1100	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.5
	Initial state: T-02
	Verify that the IUT is able to process a FT initiated normal release.
TP/PT/CC/BV/CR-02	Reference: ETS 300 175-5 [5], subclause 9.5.1
N_112	ETS 300 444 [11], subclause 8.7
N_1168	ETS 300 323-1 [9], subclause 5.3.1.3
_	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.5
	Initial state: T-03
	Verify that the IUT is able to process a FT initiated normal release.
TP/PT/CC/BV/CR-03	Reference: ETS 300 175-5 [5], subclause 9.5.1
N_113	ETS 300 444 [11], subclause 8.7
N_1169	ETS 300 323-1 [9], subclause 5.3.1.3
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.5
	Initial state: T-04
	Verify that the IUT is able to process a FT initiated normal release.
TP/PT/CC/BV/CR-04	Reference: ETS 300 175-5 [5], subclause 9.5.1
N_124	ETS 300 444 [11], subclause 8.7
N_1172	ETS 300 323-1 [9], subclause 5.3.1.3
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.5
	Initial state: T-08
	Verify that the IUT is able to process a FT initiated normal release.
TP/PT/CC/BV/CR-05	Reference: ETS 300 175-5 [5], subclause 9.5.1
N_114	ETS 300 444 [11], subclause 8.7
N_1173	ETS 300 323-1 [9], subclause 5.3.1.3
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.5
	Initial state: T-10
TP/PT/CC/BV/CR-06	Verify that the IUT is able to process a FT initiated normal release. Reference: ETS 300 175-5 [5], subclause 9.5.1
N_134	ETS 300 444 [11], subclause 8.7
11_134	ETS 300 323-1 [9], subclause 5.3.1.3
	Initial state: T-10
	Verify that the IUT is able to process an IUT initiated normal release.
TP/PT/CC/BV/CR-07	Reference: ETS 300 175-5 [5], subclause 9.5.2
N_107	ETS 300 444 [11], subclause 8.2.2.3
11_107	ETS 300 323-1 [9], subclause 5.3.1.4
	Initial state: T-01
	Verify that the IUT is able to process a FT initiated abnormal release.
TP/PT/CC/BV/CR-08	Reference: ETS 300 175-5 [5], subclause 9.5.2
N_108	ETS 300 444 [11], subclause 8.3.2.2
	ETS 300 323-1 [9], subclause 5.3.1.4
	Initial state: T-02
	Verify that the IUT is able to process a FT initiated abnormal release.
TP/PT/CC/BV/CR-09	Reference: ETS 300 175-5 [5], subclause 9.5.2
N_111	ETS 300 444 [11], subclause 8.8
N_1178	ETS 300 323-1 [9], subclause 5.3.1.4
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.5
	Initial state: T-10
	Verify that the IUT is able to process a FT initiated abnormal release.
	(continued)

(concluded)

TP/PT/CC/BV/CR-10	Reference: ETS 300 175-5 [5], subclause 14.2.7
N_137	ETS 300 444 [11], subclause 8.9
	ETS 300 323-1 [9], subclause 5.3.1.5
	Initial state: T-10
	Verify that the IUT is able to process a FT initiated partial release.
TP/PT/CC/BV/CR-11	Reference: ETS 300 175-5 [5], subclause 14.2.7
N_1184	ETS 300 444 [11], subclause 8.9
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.5
	Initial state: T-10
	Verify that the IUT is able to process an IUT initiated partial release.
TP/PT/CC/BV/CR-12	Reference: ETS 300 175-5 [5], subclause 14.2.7
N_1180	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.5
	Initial state: T-19
	Verify that the IUT, when a normal release procedure has been started, is
	able to handle a {CC-INFO} message sent by the FT.

5.2.3.5 CC/BV/SC

There are no test purposes defined for this group in this ETS.

5.2.3.6 CC/BV/PM

There are no test purposes defined for this group in this ETS.

5.2.3.7 CC/BV/RS

Test subgroup objectives:

To check the IUT's behaviour during any call related procedures.

TP/PT/CC/BV/RS-01	Reference: ETS 300 175-5 [5], subclause 9.3.2
New	ETS 300 444 [11], subclause 8.12, table 21
	Initial state: T-00
	Verify that the IUT shows the calling party number correctly on receipt of
	calling party number indication before accepting a call.
TD/DT/00/D) //D0 00	(feature N.30 in ETS 300 444 [11])
TP/PT/CC/BV/RS-02	Reference: ETS 300 175-5 [5], subclause 10.3
N_309	ETS 300 323-1 [9], subclause 5.3.3.3
	Initial state: T-10
	To test the IUT behaviour of operating the basic feature key management
	protocol. The exact service shall be provided in the PIXIT.
TP/PT/CC/BV/RS-03	Reference: ETS 300 175-5 [5], subclause 10.4.2.1
N_307,	ETS 300 323-1 [9], subclause 5.3.3.3
N_1137	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.4
	Initial state: T-10
	To test the IUT behaviour of operating the feature key management protocol
	used for Queue management.
TP/PT/CC/BV/RS-04	Reference: ETS 300 175-5 [5], subclause 10.6.2.4
N_313,	ETS 300 323-1 [9], subclause 5.3.3.3
N_1134	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.4
	Initial state: T-10
	To test the IUT behaviour of operating the feature key management protocol
	used for Cost information.
TP/PT/CC/BV/RS-05	Reference: ETS 300 175-5 [5], subclauses 7.7.15 and 10.4.2.2
	ETS 300 323-1 [9], subclause 5.3.3.4
	Initial state: T-10
	To test the IUT behaviour of operating the basic functional protocol by
	sending a < <facility>> information element.</facility>
TP/PT/CC/BV/RS-06	Reference: ETS 300 175-5 [5], subclause 7.7.15 and 10.4.2.2
N_315,	ETS 300 323-1 [9], subclause 5.3.3.4
N_1120	DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.3
	Initial state: T-10
	To test the IUT behaviour of operating the basic functional protocol by
	receiving a < <facility>> information element.</facility>

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5.2.4 CC/BO

Test group objectives:

To check the CC of the IUT in response to the messages that are syntactically correct but not allowed to occur in some states of the CC procedures.

Test purposes:

TP/PT/CC/BO-01	Reference: ETS 300 175-5 subclause 17.4.1
N_1950	ETS 300 444 [11], subclause 6.9.4
	DEL. 2 Part 6.1 (see annex A), subclause 5.4.1
	Initial state: T-08
	Verify that the IUT ignores the unexpected message {CC-CALL-PROC}.
TP/PT/CC/BO-02	Reference: ETS 300 175-5 subclause 17.4.1
New	ETS 300 444 [11], subclause 8.7.2.1, figure 21
	Initial state: T-19
	Verify that the IUT is able to react correctly on a release collision, in the
	sense that on the reception of a {CC-RELEASE} message in state F-19, no
	{CC-RELEASE-COM} message is sent back, and the call is cleared.

5.2.5 CC/BI

Test group objectives:

To check the CC module of the IUT in response to invalid messages.

TP/PT/CC/BI-01	Reference: ETS 300 175-5 [5], subclause 17.6.1	
N_1812	ETS 300 444 [11], subclause 6.9.4	
	DEL. 2 Part 6.1 (see annex A), subclause 5.3.1	
	Initial state: T-00	
	Verify that the IUT sends a {CC-RELEASE-COM} message, on receipt	of a
	{CC-SETUP} message with a mandatory information element missing.	
TP/PT/CC/BI-02	Reference: ETS 300 175-5 subclause 17.6.2	
N_1819	ETS 300 444 [11], subclause 6.9.4	
	DEL. 2 Part 6.1 (see annex A), subclause 5.3.1	
	Initial state: T-00	
	Verify that the IUT on receipt of a {CC-SETUP} message containing a	
	mandatory information element with invalid contents returns a {CC-	
	RELEASÉ-COM} message.	
TP/PT/CC/BI-03	Reference: ETS 300 175-5 subclause 17.4.1	
New	ETS 300 444 [11], subclause 6.9.4	
	Initial state: T-10	
	Verify that the IUT ignores an unrecognised message, when it is const	ructed
	as a {CC-SETUP} with one bit wrong in the < <message type="">>.</message>	
TP/PT/CC/BI-04	Reference: ETS 300 175-5 subclause 17.2	
N_1801	ETS 300 444 [11], subclause 6.9.4	
	DEL. 2 Part 6.1 (see annex A), subclause 5.3.1	
	Initial state: T-00	
	Verify that the IUT ignores a message that is too short to contain a cor	nplete
	message type info element.	•

5.2.6 CC/TI

Test group objectives:

To check the IUT's properly reacting to an expiry of one of the timers.

TP/PT/CC/TI-01 N_179 N_1280	Reference: ETS 300 175-5 [5], subclause 9.5.1 ETS 300 444 [11], subclause 8.7.2.3 ETS 300 323-1 [9], subclause 5.3.1.6 DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.8 Initial state: T-19 Verify that the IUT, after having started timer P- <cc.02>, sends a {CC-RELEASE-COM} message when the timer expires after the defined time. The {CC-RELEASE-COM} message should arrive within the allowed margin time of ± 5%.</cc.02>
TP/PT/CC/TI-02 N_174 N_1281	Reference: ETS 300 175-5 [5], subclause 9.3.2.1 ETS 300 444 [11], subclause 8.2.2.1 ETS 300 323-1 [9], subclause 5.3.1.6 DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.8 Initial state: T-01 Verify that the IUT, after having started timer P- <cc.03>, sends a {CC-RELEASE-COM} message when the timer expires after the defined time. The {CC-RELEASE-COM} message should arrive within the allowed margin time of ± 5%.</cc.03>
TP/PT/CC/TI-03 N_180 N_1282	Reference: ETS 300 175-5 [5], subclause 9.3.2.1 ETS 300 444 [11], subclause 8.2.1.1 ETS 300 323-1 [9], subclause 5.3.1.6 DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.8 Initial state: T-01 Verify that the IUT is able to restart timer P- <cc.03>. on receipt of a {CC-NOTIFY} message, sent by the FT.</cc.03>
TP/PT/CC/TI-04 N_175 N_1289	Reference: ETS 300 175-5 [5], subclause 9.3.2.8 ETS 300 444 [11], subclause 8.15.2.3 ETS 300 323-1 [9], subclause 5.3.1.6 DEL. 2 Part 6.1 (see annex A), subclause 5.2.1.8 Initial state: T-08 Verify that the IUT, after having started timer P- <cc.05>, releases the call using the normal procedure when the timer expires after the defined time. The {CC-RELEASE} message should arrive within the allowed margin time of ± 5%.</cc.05>

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5.3 MM

Test group objectives:

To check the behaviour of the MM module of the IUT. The initial states are not fixed. The manufacturer has to decide in which state the test case is to be done.

Subgroups:

- IT;
- CÁ;
- BV:
- BO;
- BI;
- TI.

5.3.1 MM/IT

None.

5.3.2 MM/CA

- TP/PT/MM/BV/ID-01;
- TP/PT/MM/BV/AR-02;
- TP/PT/MM/BV/KA-01.

5.3.3 MM/BV

Subgroups:

- ID;
- AÚ;
- LO;
- AR;
- KA;
- PR;
- CH.

5.3.3.1 MM/BV/ID

Test subgroup objectives:

To check the IUT's behaviours of identity request procedure.

TP/PT/MM/BV/ID-01	Reference: ETS 300 175-5 [5], subclause 13.2.1
N_200	ETS 300 444 [11], subclause 8.19, figure 43
N_1300	ETS 300 323-1 [9], subclause 5.3.2
14_1000	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.1
	Verify that the IUT, on receipt of an {IDENTITY-REQUEST} message
	specifying the International Portable User Identity (IPUI), returns an
	{IDENTITY-REPLY} message with the IPUI.
TP/PT/MM/BV/ID-02	Reference: ETS 300 175-5 [5], subclause 13.2.1
N 233	ETS 300 444 [11], subclause 8.19.2.1
N 1302	ETS 300 444 [11], subclause 6.19.2.1 ETS 300 323-1 [9], subclause 5.3.2
11_1302	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.1
	Verify that the IUT, on receipt of an {IDENTITY-REQUEST} message
	specifying an unavailable identity type, returns an {IDENTITY-REPLY}
	message without identity information elements thereby indicating reject.
TP/PT/MM/BV/ID-03	Reference: ETS 300 175-5 [5], subclause 13.2.1
N_234	L 2'
N_1303	ETS 300 323-1 [9], subclause 5.3.2 DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.1
N_1303	Verify that the IUT, on receipt of an {IDENTITY-REQUEST} message
	specifying a portable identity with IPUI type for which it has stored more than
	one identity, returns an {IDENTITY-REPLY} message with all available
TD/DT/MMA/DV//ID 04	portable id's with IPUI type.
TP/PT/MM/BV/ID-04 New	Reference: ETS 300 175-5 [5], subclause 13.2.1 Verify that the IUT, on receipt of an {IDENTITY-REQUEST} message
New	
	specifying a portable identity with Portable Access Rights Key (PARK) type for
	which it has stored more than one identity, returns an {IDENTITY-REPLY}
TD/DT/MMA/D\//ID.OF	message with all available portable id's with PARK type.
TP/PT/MM/BV/ID-05	Reference: ETS 300 175-5 [5], subclause 13.2.2
N_1304	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.1
	Verify that the IUT is able to operate the basic temporary identity assign
TD/DT/MMA/DV//ID OC	procedure.
TP/PT/MM/BV/ID-06	Reference: ETS 300 175-5 [5], subclause 13.2.2
N_1312	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.1 Verify that the IUT, in case of an unacceptable TPUI, during a temporary
	identity assign procedure, rejects the assignment.
TP/PT/MM/BV/ID-07	Reference: ETS 300 175-5 [5], subclause 13.2.2
N_238,	ETS 300 323-1 [9], subclause 5.3.2.2
N_1309	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.1 Verify that the IUT when a new individual assigned TPUI is assigned will
TD/DT/MM/D\//ID 00	replace an old individual assigned TPUI.
TP/PT/MM/BV/ID-08	Reference: ETS 300 175-5 [5], subclause 13.2.1
New	ETS 300 444 [11], subclause 8.19, figure 43
	ETS 300 323-1 [9], subclause 5.3.2
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.1
	Verify that the IUT, on receipt of an {IDENTITY-REQUEST} message
	specifying the PARK, returns an {IDENTITY-REPLY} message with the
	PARK.

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MM/BV/AU 5.3.3.2

Test subgroup objectives:

To check the IUT's valid behaviours of the authentication procedure.

TD/DT/8484/D://	T
TP/PT/MM/BV/AU-01	Reference: ETS 300 175-5 [5], subclause 13.3.1
N_202	ETS 300 444 [11], subclause 8.21
N_1330	ETS 300 323-1 [9], subclause 5.3.2
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.2
	Verify that the IUT is able to operate the basic authentication of PT
	procedure.
TD/DT/NANA/DV//ALL CO	(IUT has not stored ZAP value and service class information.)
TP/PT/MM/BV/AU-02	Reference: ETS 300 175-5 [5], subclause 13.3.1
N_1341	ETS 300 444 [11], subclause 8.21.2.1 DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.2
	Verify that the IUT, on receipt of an {AUTH-REQUEST} message containing
	unacceptable algorithm, returns an {AUTH-REJECT} message.
TP/PT/MM/BV/AU-03	Reference: ETS 300 175-5 [5], subclause 13.3.1
New	ETS 300 444 [11], subclause 8.23
New	Verify that the IUT, when it has stored ZAP value, includes the < <zap field="">></zap>
	in the {AUTH-REPLY} message during the authentication of PT procedure.
TP/PT/MM/BV/AU-04	Reference: ETS 300 175-5 [5], subclause 13.3.1
N_230	ETS 300 444 [11], subclause 8.23
N_1332	ETS 300 323-1 [9], subclause 5.3.2
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.2
	Verify that the IUT increments the ZAP field during an authentication of PT
	procedure. The IUT may or may not authenticate the FT before incrementing
	the ZAP value.
TP/PT/MM/BV/AU-05	Reference: ETS 300 175-5 [5], subclause 13.3.1
N_244	ETS 300 444 [11], subclause 8.23
N_1333	ETS 300 323-1 [9], subclause 5.3.2
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.2
	Verify that the IUT, if it supports authentication of FT as part of the increment
	ZAP procedure, does not increment the ZAP value if the FT authentication
	fails.
TP/PT/MM/BV/AU-06	Reference: ETS 300 175-5 [5], subclause 13.8 and 7.7.24
New	ETS 300 444 [11], subclause 8.24
	Verify that the IUT, receiving an {AUTH-REQ} message containing an
	< <auth-type>> information element, containing UPC bit = 1 (store DCK),</auth-type>
	stores the DCK and that the DCK can be used again in a successive FT initiated ciphering procedure.
TP/PT/MM/BV/AU-07	Reference: ETS 300 175-5 [5], subclause 13.3.2
N 203	ETS 300 444 [11], subclause 8.22
N_1335	ETS 300 444 [11], subclause 6.22 ETS 300 323-1 [9], subclause 5.3.2
11000	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.2
	Verify that the IUT is able to operate the basic authentication of user
	procedure.
TP/PT/MM/BV/AU-08	Reference: ETS 300 175-5 [5], subclause 13.3.3
N_204	ETS 300 444 [11], subclause 8.20
N_1337	ETS 300 323-1 [9], subclause 5.3.2.5
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.2
	Verify that the IUT, after invoking the basic authentication of FT procedure, is
	able to operate the procedure.
TP/PT/MM/BV/AU-09	Reference: ETS 300 175-5 [5], subclause 13.3.1
New	ETS 300 444 [11], subclause 8.23
	Verify that the IUT, when it has stored service class information, includes the
	< <service class="">> information elements in the {AUTH-REPLY} message</service>
	during the authentication of PT procedure.

5.3.3.3 MM/BV/LO

Test subgroup objectives:

To check the IUT's valid behaviours of the location procedure.

TP/PT/MM/BV/LO-01	Reference: ETS 300 175-5 [5], subclause 13.4.1
N_220	ETS 300 444 [11], subclause 8.25
N_1360	ETS 300 323-1 [9], subclause 5.3.2.6
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.3
	Verify that the IUT, if the a44 and a38 bits in the FT broadcasted "higher layer
	capabilities" were set to "1", is capable to operate the basic location
	registration procedure after it performed the obtain access rights procedure.
	(FT does not perform TPUI assignment). See note
TP/PT/MM/BV/LO-02	Reference: ETS 300 175-5 [5], subclause 13.4.1
N 1360	ETS 300 444 [11], subclause 8.25
11_1000	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.3
	Verify that the IUT, if the a44 and a38 bits in the FT broadcasted "higher layer
	capabilities" were set to "1", is capable to operate the basic location
	registration procedure after it performed the obtain access rights procedure.
TD/DT/8484/DV//I-O-00	(FT does perform TPUI assignment). See note
TP/PT/MM/BV/LO-03	Reference: ETS 300 175-5 [5], subclause 13.4.1
New	ETS 300 444 [11], subclause 8.25
	Verify that the IUT, if the a44 bit in the FT broadcasted "higher layer
	capabilities" was set to "1" but a38 is set to "0", does not initiate location
	registration procedure after it performed the obtain access rights procedure.
	See note
TP/PT/MM/BV/LO-04	Reference: ETS 300 175-5 [5], subclause 13.4.1
N_255	ETS 300 444 [11], subclause 8.25
N_1363	ETS 300 323-1 [9], subclause 5.3.2.7
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.3
	Verify that the IUT, if the a38 bit in the FT broadcasted "higher layer
	capabilities" was set to "1" and if location area changes not during a CC call,
	is able to operate location registration procedure. (FT does not perform TPUI
	assignment). See note
TP/PT/MM/BV/LO-05	Reference: ETS 300 175-5 [5], subclause 13.4.1
New	ETS 300 444 [11], subclause 8.25
	Verify that the IUT, if the a38 bit in the FT broadcasted "higher layer
	capabilities" was set to "1", after power-off and power-on and after locking to
	the FT to which it has access rights, will initiate location registration
	procedure. See note
TP/PT/MM/BV/LO-06	Reference: ETS 300 175-5 [5], subclause 13.4.1
New	ETS 300 444 [11], subclause 8.25
INCW	
	Verify that the IUT, during a location registration procedure on receipt of a
	{LOCATE-ACCEPT} message specifying an unacceptable TPUI, will reject
	the assignment.
	(continued)

(concluded)

TP/PT/MM/BV/LO-07	Reference: ETS 300 175-5 [5], subclause 13.4.1
New	ETS 300 444 [11], subclause 8.25
	Verify that the IUT, entering a new location area, deletes the individual
	assigned TPUI, before performing the location registration procedure. This
	shall be done by failing the location registration, and verifying that the IUT
	does not return the deleted TPUI in the identity request procedure.
TP/PT/MM/BV/LO-08	Reference: ETS 300 175-5 [5], subclause 13.7
N 211	ETS 300 444 [11], subclause 8.26
N 1440	ETS 300 323-1 [9], subclause 5.3.2.14
IN_1440	
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.6
	Verify that the IUT, as part of the parameter retrieval procedure on receipt of
	a location update request, will start location registration procedure within
	reasonable time, when in the broadcast attributes bit a38 was set to "1".
TP/PT/MM/BV/LO-09	Reference: ETS 300 175-5 [5], subclause 13.7
New	ETS 300 444 [11], subclause 8.26
	Verify that the IUT, as part of the parameter retrieval procedure on receipt of
	a location update request, will start location registration procedure within
	reasonable time, even when in the broadcast attributes bit a38 was set to "0".

NOTE: The phrase 'bit a38 was set to 1' means: the bit a38 had the value of 1 during the time the PT locked to the IUT.

5.3.3.4 MM/BV/AR

Test subgroup objectives:

To check the IUT's valid behaviours of the access rights procedure.

TP/PT/MM/BV/AR-01	Reference: ETS 300 175-5 [5], subclause 13.5.1
N_207	ETS 300 444 [11], subclause 8.27, figure 53
	ETS 300 323-1 [9], subclause 5.3.2.9
	Verify that the IUT, after invocation, if the a44 bit in the FT broadcasted
	"higher layer capabilities" is set to "1" is able to perform the basic operation of
	the obtain access rights procedure.
	(PT has only Authentication Code (AC))
TP/PT/MM/BV/AR-03	Reference: ETS 300 175-5 [5], subclause 13.5.1
N_232	ETS 300 444 [11], subclause 8.27
	ETS 300 323-1 [9], subclause 5.3.2.9
	Verify that the IUT, after invocation, if the a44 bit in the FT broadcasted
	"higher layer capabilities" is set to "0" does not initiate obtain access rights
	procedure after it has locked to the FT.
TP/PT/MM/BV/AR-05	Reference: ETS 300 175-5 [5], subclause 13.5.2
N_263 and N_209	ETS 300 444 [11], subclause 8.28, figure 55
N_1391	ETS 300 323-1 [9], subclause 5.3.2.11
	DEL. 2 Part 6.1, subclause 5.2.2.4
	Verify that the IUT, is able to perform the basic operation of the FT initiated
	terminate access rights procedure.
	(IUT may or may not authenticate the FT before performing the procedure.)
TP/PT/MM/BV/AR-06	Reference: ETS 300 175-5 [5], subclause 13.5.2
N_1397	ETS 300 444 [11], subclause 8.28.2.1, figure 56
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.4
	Verify that the IUT, if requested by the FT to terminate the access rights, will
	first try to authenticate the FT and if this procedure fails, rejects the access
TD/DT/8484/D\//4D 07	rights terminate procedure.
TP/PT/MM/BV/AR-07	Reference: ETS 300 175-5 [5], , subclause 13.5.1
N_208	ETS 300 323-1 [9], subclause 5.3.2.10
N_1399	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.4
	Verify that the IUT, after invocation, is able to perform the basic operation of the PT initiated terminate access rights procedure.
	FT does not perform authentication of PT.
TP/PT/MM/BV/AR-09	Reference: ETS 300 175-5 [5], , subclause 13.5.1
11 /1 1/WW/DV/AIX-09	ETS 300 173-5 [5], subclause 13.3.1 ETS 300 323-1 [9], subclause 5.3.2.10
	ETS 300 444 [11], subclause 8.28, figure 55
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.4
	Verify that the IUT, on receipt of the {ACCESS-RIGHTS-ACCEPT} message
	containing the information element < <zap-field>>, will store this</zap-field>
	information.
TP/PT/MM/BV/AR-10	Reference: ETS 300 175-5 [5], , subclause 13.5.1
/ : ////////////////////////////////	ETS 300 323-1 [9], subclause 5.3.2.10
	ETS 300 444 [11], subclause 8.28, figure 55
	information.
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.4 Verify that the IUT, on receipt of the {ACCESS-RIGHTS-ACCEPT} message containing the information element < <service-class>>, will store this information.</service-class>

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5.3.3.5 MM/BV/KA

Test subgroup objectives:

To check the IUT's valid behaviour of the key allocation procedure.

Test purposes:

TP/PT/MM/BV/KA-01	Reference: ETS 300 175-5 [5], subclause 13.6
N_210	ETS 300 444 [11], subclause 8.29, figure 57
N_1420	ETS 300 323-1 [9], subclause 5.3.2.12
	DEL. 2 Part 6.1, subclause 5.2.2.5
	Verify that the IUT is able to operate the basic key allocation procedure.
TP/PT/MM/BV/KA-02	Reference: ETS 300 175-5 [5], subclause 13.6
New	ETS 300 444 [11], subclause 8.29.2.3, figure 58
	Verify that the IUT is able to send an {AUTH_REJECT} message as a
	response to the key allocation procedure when the << Allocation type>>
	information element is not acceptable.
TP/PT/MM/BV/KA-03	Reference: ETS 300 175-5 [5], subclause 13.6
New	ETS 300 444 [11], subclause 8.29.2.5, figure 60
	Verify that the IUT does not process the key allocation procedure, when the
	authentication of FT as part of the key allocation procedure fails, in the sense,
	that the PT retains the AC and does not convert it into a User Authentication
	Key (UAK).

5.3.3.6 MM/BV/PR

Test subgroup objectives:

To check the IUT's valid behaviour of the parameter retrieval procedure.

TP/PT/MM/BV/PR-01	Reference:	ETS 300 175-5 [5], subclause 13.7
N_212,		ETS 300 323-1 [9], subclause 5.3.2.13
N_1442		DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.6
	Verify that the I	UT, after invocation, is able to operate the basic operation of
	the PT initiated	parameter retrieval procedure.

5.3.3.7 MM/BV/CH

Test subgroup objectives:

To check the IUT's valid behaviour of the ciphering procedure.

TP/PT/MM/BV/CH-01	Reference: ETS 300 175-5 [5], subclause 13.8
N_214	ETS 300 444 [11], subclause 8.31, figure 63
N_1461	ETS 300 323-1 [9], subclause 5.3.2.15
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.7
	Verify that the IUT, being in unciphered mode, is able to operate the basic PT
	initiated cipher-switching procedure requesting "cipher-on".
TP/PT/MM/BV/CH-02	Reference: ETS 300 175-5 [5], subclause 13.8
N_268	ETS 300 444 [11], subclause 8.31, figure 63
N_1461	ETS 300 323-1 [9], subclause 5.3.2.15
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.7
	Verify that the IUT, being in ciphered mode, is able to operate the basic PT
	initiated cipher-switching procedure requesting "cipher-off".
TP/PT/MM/BV/CH-03	Reference: ETS 300 175-5 [5], subclause 13.8
N_213	ETS 300 444 [11], subclause 8.30, figure 61
N_1463	ETS 300 323-1 [9], subclause 5.3.2.16
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.7
	Verify that the IUT, being in unciphered mode, is able to operate the basic FT
	initiated cipher-switching procedure requesting "cipher-on".
TP/PT/MM/BV/CH-04	Reference: ETS 300 175-5 [5], subclause 13.8
N_271	ETS 300 444 [11], subclause 8.30, figure 61
N_1463	ETS 300 323-1 [9], subclause 5.3.2.16
_	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.7
	Verify that the IUT, being in ciphered mode, is able to operate the basic FT
	initiated cipher-switching procedure requesting "cipher-off".
TP/PT/MM/BV/CH-05	Reference: ETS 300 175-5 [5], subclause 13.8
N_1465	ETS 300 444 [11], subclause 8.30, figure 61
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.7
	Verify that the IUT, being in unciphered mode, on receipt of a {CIPHER-
	REQUEST} message containing unacceptable algorithm or key and
	requesting "cipher-on", will reject the request.
TP/PT/MM/BV/CH-06	Refernce: ETS 300 175-7 [7], subclause 6.4.7
1171 171111172 17 011 00	ETS 300 444 [11], subclause 10.15
	210 000 444 [11], 000000000 10110
	Verify that the IUT after successful accomplishment of a PT initiated Cipher
	on procedure can still operate corectly if an intracell bearer handover takes
	place.
	pluoc.
	Note: This test purpose replaces the test purpose for Medium Access Control
	(MAC) test case TC_PT_BH_BV_00 in ETS 300 497-2 [12] edition 1.
	Because of the abstract test method for the MAC layer, it's more feasible to
	verify this test purpose as a NWK layer test case.
TP/PT/MM/BV/CH-07	Refernce: ETS 300 175-7 [7], subclause 6.4.7
TE/ET/WWW/BV/CH-07	ETS 300 444 [11], subclause 10.15
	E13 300 444 [11], Subclause 10.13
	Verify that the IUT after successful accomplishment of a FT initiated Cipher
	on procedure can still operate corectly if an intracell bearer handover takes
	· · · · · · · · · · · · · · · · · · ·
	place.
	Note: This test purpose replaces the test purpose for MAC test sees
	Note: This test purpose replaces the test purpose for MAC test case
	TC_PT_BH_BV_00 in ETS 300 497-2 [12] edition 1. Because of the abstract
	test method for the MAC layer, it's more feasible to verify this test purpose as
	a NWK layer test case.
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	(continued)

(continued)

TP/FT/MM/BV/CH-08	Refernce: ETS 300 175-7 [7], subclause 6.4.7 ETS 300 444 [11], subclause 10.15
	E19 300 444 [11], Subclause 10.15
	Verify that the IUT after successful accomplishment of a PT initiated Cipher on procedure can still operate corectly if an intercell bearer handover takes place.
	Note: This test purpose replaces the test purpose for MAC test case TC_PT_BH_BV_01 in ETS 300 497-2 [12] edition 1. Because of the abstract test method for the MAC layer, it's more feasible to verify this test purpose as a NWK layer test case.
TP/PT/MM/BV/CH-09	Refernce: ETS 300 175-7 [7], subclause 6.4.7 ETS 300 444 [11], subclause 10.15
	Verify that the IUT after successful accomplishment of a FT initiated Cipher on procedure can still operate corectly if an intercell bearer handover takes place.
	Note: This test purpose replaces the test purpose for MAC test case TC_PT_BH_BV_01 in ETS 300 497-2 [12] edition 1. Because of the abstract test method for the MAC layer, it's more feasible to verify this test purpose as a NWK layer test case
TP/PT/MM/BV/CH-10	Refernce: ETS 300 175-7 [7], subclause 6.4.6 ETS 300 444 [11], subclause 10.14
	Check that the IUT releases the link (and the underlying basic connection) when it cannot conclude the procedure to switch from clear mode to encrypt mode (PT initiated cipher-switching).
	Note: This test purpose replaces the test purpose for MAC test case TC_PT_DT_BV_00 in ETS 300 497-2 [12] edition 1. Because of the abstract test method for the MAC layer, it's more feasible to verify this test purpose as a NWK layer test case.
TP/PT/MM/BV/CH-11	Refernce: ETS 300 175-7 [7], subclause 6.4.6 ETS 300 444 [11], subclause 10.14
	Check that the IUT releases the link (and the underlying basic connection) when it cannot conclude the procedure to switch from clear mode to encrypt mode (FT initiated cipher-switching).
	Note: This test purpose replaces the test purpose for MAC test case TC_PT_DT_BV_00 in ETS 300 497-2 [12] edition 1. Because of the abstract test method for the MAC layer, it's more feasible to verify this test purpose as a NWK layer test case.
	(continued)

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TP/PT/MM/BV/CH-12	Refernce: ETS 300 175-7 [7], subclause 6.4.6 ETS 300 444 [11], subclause 10.14
	Check that the IUT releases the link (and the underlying basic connection) when it cannot conclude the procedure to switch from encrypt mode to clear mode (PT initiated cipher-switching).
	Note: This test purpose replaces the test purpose for MAC test case TC_PT_DT_BV_01 in ETS 300 497-2 [12] edition 1. Because of the abstract test method for the MAC layer, it's more feasible to verify this test purpose as a NWK layer test case.
TP/PT/MM/BV/CH-13	Refernce: ETS 300 175-7 [7], subclause 6.4.6 ETS 300 444 [11], subclause 10.14
	Check that the IUT releases the link (and the underlying basic connection) when it cannot conclude the procedure to switch from encrypt mode to clear mode (FT initiated cipher-switching).
	Note: This test purpose replaces the test purpose for MAC test case TC_PT_DT_BV_01 in ETS 300 497-2 [12] edition 1. Because of the abstract test method for the MAC layer, it's more feasible to verify this test purpose as a NWK layer test case.

5.3.4 MM/BO

Test group objectives:

To check the MM of the IUT in response to the messages that are syntactically correct but not allowed to occur in some phase of the MM procedures.

TP/PT/MM/BO-01	Reference:	ETS 300 175-5 [5], subclause 17.4.4
N_1971		ETS 300 444 [11], subclause 6.9.4
		DEL. 2 Part 6.1 (see annex A), subclause 5.4.2
	Verify that the	IUT ignores the unexpected message {ACCESS-RIGHTS-
	ACCEPT) after	the IUT has initiated the location registration procedure.

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5.3.5 MM/BI

Test group objectives:

To check the MM module of the IUT in response to invalid messages.

TP/PT/MM/BI-01	Reference:	ETS 300 175-5 [5], subclause 17.4.4
N_1857		ETS 300 444 [11], subclause 6.9.4
		DEL. 2 Part 6.1 (see annex A), subclause 5.3.2.1
	Verify that the	IUT ignores an invalid message with an unrecognised message
	type.	
TP/PT/MM/BI-02	Reference:	ETS 300 175-5 [5], subclause 17.6.4
N_1854		ETS 300 444 [11], subclause 6.9.4
		DEL. 2 Part 6.1 (see annex A), subclause 5.3.2.1
	Verify that the	IUT's response to a {CIPHER-REQUEST} message with invalid
	< <cipher info=""></cipher>	> information element is the sending of a {CIPHER-REJECT}
	message.	,
TP/PT/MM/BI-03	Reference:	ETS 300 175-5 [5], subclause 17.6.4
N_1859		ETS 300 444 [11], subclause 6.9.4
		DEL. 2 Part 6.1 (see annex A), subclause 5.3.2.1
	Verify that the	IUT, on receipt of an {AUTHENT-REQUEST} message without
	< <rand>> infor</rand>	rmation element, sends back an {AUTH-REJECT} message.
TP/PT/MM/BI-04	Reference:	ETS 300 175-5 [5], subclause 17.6.4
N_1860		ETS 300 444 [11], subclause 6.9.4
		DEL. 2 Part 6.1 (see annex A), subclause 5.3.2.1
	Verify that the	IUT, during a PT-initiated Obtain access rights procedure
	ignores an {AC	CCESS-RIGHTS-ACC} message containing a < <portable-id>></portable-id>
	information ele	ement with invalid content.

5.3.6 MM/TI

Test group objectives:

To check the IUT's properly reacting to an expiry of one of the timers.

TP/PT/MM/TI-01	Reference: ETS 300 175-5 [5], subclause 13.3.3
N_265	ETS 300 444 [11], subclause 8.29.2.2
N 1422	ETS 300 323-1 [9], subclause 5.3.2.12
11_1122	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.5
	Verify that the IUT, when the timer P- <mm_auth.1> as part of the key</mm_auth.1>
	allocation procedure expires after the defined time (\pm 5%), aborts the
	procedure and thus allows the same priority procedure identity request of PT
	to proceed.
TP/PT/MM/TI-02	Reference: ETS 300 175-5 [5], subclause 13.3.3
N 246	ETS 300 444 [11], subclause 8.20.1.1
N_1342	ETS 300 323-1 [9], subclause 5.3.2.5
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.2
	Verify that the IUT is capable of completing the FT Authentication procedure
	at a point in time 10% before expiry of the timer P- <mm_auth.1>.</mm_auth.1>
	NOT TESTABLE
TP/PT/MM/TI-03	Reference: ETS 300 175-5 [5], subclause 13.4.1
N_248	ETS 300 444 [11], subclause 8.25.2.2
N_1361, N_1372	ETS 300 323-1 [9], subclause 5.3.2.6
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.3
	Verify that the IUT is capable of completing the Location Regristration
	procedure at a point in time 10% before expiry of the timer P- <mm_locate.1>.</mm_locate.1>
TP/PT/MM/TI-04	Reference: ETS 300 175-5 [5], subclause 13.5.1
N_257	ETS 300 444 [11], subclause 8.27.2.2
N_1392	ETS 300 323-1 [9], subclause 5.3.2.9
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.4
	Verify that the IUT is capable of obtaining Access Rights at a point in time
	10% before expiry of the timer P- <mm_access.1>.</mm_access.1>
TP/PT/MM/TI-05	Reference: ETS 300 175-5 [5], subclause 13.8 (PT initiated cipher-
N_269	switching)
N_1464, N_1466	ETS 300 444 [11], subclause 8.31.2.2
	ETS 300 323-1 [9], subclause 5.3.2.15
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.7
	Verify that the IUT is capable of completing the PT Initiated Ciphering
	procedure at a point in time 10% before expiry of the timer P- <mm_cipher.1>.</mm_cipher.1>

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5.4 ME

Subgroups:

BV;

- BO.

5.4.1 ME/BV

Test group objectives:

To check priority scheme in the MM entity and interleaving operation of MM entity and CC entity of the IUT.

TP/PT/ME/BV-01	Reference: ETS 300 175-5 [5], subclause 15.5
N_1010	ETS 300 444 [11], subclause 6.9.6
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.8
	Verify that the IUT is able to operate the authentication of PT procedure
	before answering to the {CC-SETUP} message.
TP/PT/ME/BV-02	Reference: ETS 300 175-5 [5], subclause 15.5
New	ETS 300 444 [11], subclause 8.26
	Verify that the IUT, if interrupted by the parameter retrieval procedure
	indicating "locate suggest" during the PT initiated cipher switching procedure,
	finishes the ciphering procedure before initiating the location registration.
TP/PT/ME/BV-03	Reference: ETS 300 175-5 [5], subclause 15.5
N_1404	ETS 300 444 [11], subclause 6.9.6
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.4
	Verify that the IUT is able to perform authentication of the user request, when
	it interrupts an obtain access rights procedure.
TP/PT/ME/BV-04	Reference: ETS 300 175-5 [5], subclause 15.5
N_296	ETS 300 444 [11], subclause 6.9.6
	ETS 300 323-1 [9], subclause 5.3.2.9
	Verify that the IUT is able to perform authentication of PT request, when it
	interrupts an obtain access rights procedure.
TP/PT/ME/BV-05	Reference: ETS 300 175-5 [5], subclause 15.5
New	ETS 300 444 [11], subclause 6.9.6
	Verify that the IUT is able to operate the authentication of PT procedure
	performed in parallel with an outgoing call establishment.
TP/PT/ME/BV-06	Reference: ETS 300 175-5 [5], subclause 15.5
New	ETS 300 444 [11], subclause 6.9.6
	Verify that the IUT is able to perform the FT initiated cipher-switching
	procedure in parallel with an outgoing call establishment.
TP/PT/ME/BV-07	Reference: ETS 300 175-5 [5], subclause 15.5
New	ETS 300 444 [11], subclauses 6.9.6 and 8.30
	Verify that the IUT is able to perform the FT initiated cipher-switching
	procedure, before reception of a {CC_SETUP_ACK} message during an
TD/DT/NAF/D\/ 00	outgoing call establishment.
TP/PT/ME/BV-08	Reference: ETS 300 175-5 [5], subclause 15.5
New	ETS 300 444 [11], subclause 6.9.6
	Verify that the IUT is able to restart the relevant CC timer, on receipt of a {CC-
	NOTIFY) message, when the outgoing call setup from the IUT is interrupted
TD/DT/ME/D\/ 00	by a FT initiated user authentication procedure. Reference: ETS 300 175-5 [5], subclause 13.8 and 7.7.24
TP/PT/ME/BV-09	L 3/
New	Verify that the IUT is able to operate correctly the procedure for storing the
	DCK started in cipher mode. The IUT shall store the DCK, but not use it for
	the current ciphering session.
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TP/PT/ME/BV-10	Reference: ETS 300 175-5 [5], subclause 13.4.1
N_1363	ETS 300 444 [11], subclause 8.25
_	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.3
	Initial state: T-10
	Verify that the IUT, if the a38 bit in the FT broadcasted "higher layer
	capabilities" was set to "1" and if location area changes during a CC call, will
	initiate location registration procedure before or after entering the T-00 state.
	(FT does not perform TPUI assignment.) Note 1
	NOT TESTABLE
TP/PT/ME/BV-11	Reference: ETS 300 175-5 [5], subclause 15.5
New	ETS 300 444 [11], subclause 6.9.6
	Verify that the IUT is able to operate the terminate access rights procedure
	before answering to the {CC-SETUP} message.
TP/PT/ME/BV-12	Reference: ETS 300 175-5 [5], subclause 14.2.7
New	ETS 300 444 [11], subclause 8.34
	Verify that the IUT, when the link fails during an active call, will clear the call.
TP/PT/ME/BV-13	Reference: ETS 300 175-5 [5], subclause 13.5.1
N_1391	ETS 300 444 [11], subclause 8.27
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.2.4
	Verify that the IUT, after invocation, if the a44 bit in the FT broadcasted
	"higher layer capabilities" is set to "1", is able to accept key allocation
	procedure interrupting obtaining access rights procedure and to continue
	normal operation.

5.4.2 ME/BO

Test group objectives:

To check priority scheme in the MM entity and interleaving operation of MM entity and CC entity of the IUT in response to the messages that are syntactically correct but not allowed to occur at certain phase.

Test purpose:

TP/PT/ME/BO-01	Reference:	ETS 300 175-5 [5], subclauses 17.4.4 and 15.5
New		ETS 300 444 [11], subclauses 6.9.6 and 13.1
	Verify that the	IUT, if it receives during a FT authentication procedure an
	{AUTH-REQUI	EST} message as an attempt from the FT to initiate the
	authentication	of PT procedure, will ignore the interrupting procedure.

5.5 LC

Test group objectives:

To verify the behaviour of the LC entity of the IUT.

Subgroups:

- · BV;
- BI;
- TI.

5.5.1 LC/BV

Subgroups:

- · LE;
- LR;
- LS;
- LL.

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5.5.1.1 LC/BV/LE

Test subgroup objectives:

To check the IUT's behaviour of establishing connection oriented link procedure.

Test purposes:

TP/PT/LC/BV/LE-01	Reference: ETS 300 175-5 [5], subclause 14.2.2
New	ETS 300 444 [11], subclause 8.3.3
	Initial state: T-00
	Verify that the IUT, when no link to the FT exists, on receipt of a higher layer message is able to operate a direct link establishment procedure.
TP/PT/LC/BV/LE-02	Reference: ETS 300 175-5 [5], subclause 14.2.3
N_1751	ETS 300 444 [11], subclause 8.32, figure 65
	DEL. 2 Part 6.1 (see annex A), subclause 5.2.6
	Initial state: T-00
	Verify that the IUT is able to respond to indirect (paged) FT-initiated link
	establishment request which uses a short address request paging and
	contains correct identity.

5.5.1.2 LC/BV/LR

Test subgroup objectives:

To check the IUT's valid behaviour of connection oriented link release procedures.

TP/PT/LC/BV/LR-01	Reference: ETS 300 175-5 [5], subclause 14.2.7	
New	ETS 300 444 [11], subclause 8.36	
	Verify that the IUT is able to perform a partial release after a MM procedure	
	has been accomplished, and no other entities are using the link.	
TP/PT/LC/BV/LR-02	Reference: ETS 300 175-5 [5], subclause 14.2.7	
New	ETS 300 444 [11], subclause 8.36	
	Verify that the IUT is able to perform a normal release after a CC procedure	
	has been accomplished, and no other entities are using the link.	
TP/PT/LC/BV/LR-03	Reference: ETS 300 175-5 [5], subclause 14.2.7	
New	ETS 300 444 [11], subclause 8.36	
	Verify that the IUT, after a CC requested partial release has been agreed, is	
	able to maintain the link for a specified time, and no other entities are using	
	the link.	

5.5.1.3 LC/BV/LS

Test subgroup objectives:

To check the IUT's valid behaviour of connection oriented link suspend and resume procedures.

Test purposes:

There are no test purposes defined for this group in this ETS.

5.5.1.4 LC/BV/LL

Test subgroup objectives:

To check the IUT's valid behaviour of connectionless link control procedures.

Test purposes:

There are no test purposes defined for this group in this ETS.

5.5.2 LC/BI

Test group objectives:

To check the LC entity of the IUT in response to invalid messages.

TP/PT/LC/BI-01	Reference: ETS 300 175-5 subclause 17.1			
N_1830	ETS 300 444 [11], subclause 6.9.4			
	DEL. 2 Part 6.1 (see annex A), subclause 5.3.1			
	Initial state: T-00			
	Verify that the IUT ignores a message containing a protocol discriminator			
	value that indicates a service that is not supported by the IUT.			
TP/PT/LC/BI-03	Reference: ETS 300 175-5 [5], subclause 17.3.1			
N_1850	ETS 300 444 [11], subclause 6.9.4			
	DEL. 2 Part 6.1 (see annex A), subclause 5.3.2.1			
	Verify that the IUT ignores an {IDENTITY-REQUEST} message containing			
	illegal transaction identifier.			

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5.5.3 LC/TI

Test group objectives:

To check the IUT's properly reacting to an expiry of one of the timers.

Test purposes:

TP/PT/LC/TI-01	Reference: ETS 300 175-5 [5], subclause 14.2.7		
New	ETS 300 444 [11], subclause 8.34.2.1		
	Verify that the IUT handles the expiry of timer <lce.01> correctly.</lce.01>		
	NOT TESTABLE		
TP/PT/LC/TI-02	Reference: ETS 300 175-5 [5], subclause 14.2.7		
New	ETS 300 444 [11], subclause 8.36		
	Initial state: T-00		
	Verify that the IUT, after termination of an MM procedure, maintains the link		
	for a period of <lce.02>. ± 5%.</lce.02>		

5.6 IS

Subgroups:

- BV

5.6.1 IS/BV

Test group objectives:

To verify the behaviour of the CISS entity of the IUT.

TP/PT/IS/BV-01	Reference:	Reference: ETS 300 175-5 [5], subclause 14.2.1 and 14.2.3			
N-317	ETS 300 323-1 [9], subclause 5.3.6.6				
N_1506		DEL. 2 Part 6.1 (see annex A), subclause 5.2.3			
	Initial state: T-00				
	To test the IU	T's capability to operating of a CISS outgoing call containing a			
	<< Feature Activate>> information element.				
TP/PT/IS/BV-02	Reference:	ETS 300 175-5 [5], subclause 14.2.1 and 14.2.3			
N_316,		ETS 300 323-1 [9], subclause 5.3.6.5			
N_1505		DEL. 2 Part 6.1 (see annex A), subclause 5.2.3			
	Initial state: T-00				
	To test the IUT's capability of operating a CISS outgoing call containing a				
	< <keypad>></keypad>	information element.			
TP/PT/IS/BV-03	Reference:	ETS 300 175-5 [5], subclause 14.2.1 and 14.2.3			
N-318		ETS 300 323-1 [9], subclause 5.3.6.7			
N_1501, N_1502		DEL. 2 Part 6.1 (see annex A), subclause 5.2.3			
	Initial state: T-00				
		T's capability of operating a CISS outgoing call containing a			
	< <facility>> ii</facility>	nformation element.			
TP/PT/IS/BV-04	Reference:	ETS 300 175-5 [5], subclause 14.2.1 and 14.2.3			
N-319		ETS 300 323-1 [9], subclause 5.3.6.7			
N_1503, N_1504		DEL. 2 Part 6.1 (see annex A), subclause 5.2.3			
	Initial state: T-00				
		T's capability of operating a CISS incoming call containing			
	< <facility>> information element.</facility>				

5.7 MO

There are no test purposes defined for this group in this ETS.

5.8 CL

Subgroups:

- BV.

5.8.1 CL/BV

Test group objectives:

To verify the behaviour of the CLMS entity of the IUT.

TP/PT/CL/BV-01 N 350,	Reference:	ETS 300 175-5 [5], subclause 14.2.1 and 14.2.3 ETS 300 323-1 [9], subclause 5.3.5.1	
N 2706,7	DEL. 2 Part 6.1 (see annex A), subclause 5.2.5		
_ '	Initial state: T-00		
	To test the IUT the FT.	's capability of processing a CLMS-FIXED message sent by	
TP/PT/CL/BV-02	Reference:	ETS 300 175-5 [5], subclause 14.2.1 and 14.2.3	
N_351,		ETS 300 323-1 [9], subclause 5.3.5.2	
N_1700-3		DEL. 2 Part 6.1 (see annex A), subclause 5.2.5	
	Initial state: T-00		
	To test the IUT's capability to send a CLMS-VARIABLE.		
TP/PT/CL/BV-03	Reference:	ETS 300 175-5 [5], subclause 14.2.1 and 14.2.3	
N_352,		ETS 300 323-1 [9], subclause 5.3.5.2	
N_1704,5		DEL. 2 Part 6.1 (see annex A), subclause 5.2.5	
	Initial state: T-00		
	To test the IUT	's capability to process a CLMS-VARIABLE message.	

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Annex A (informative): Bibliography

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History

Document history					
August 1996	First Edition				
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