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Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Public Access Profile (PAP) test specification Part 4: PT PIXIT proforma

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Contents

Foreword

This European Telecommunication Standard (ETS) has been produced by the Radio Equipment and Systems (RES) Technical Committee of the European Telecommunications Standards Institute (ETSI).

Details of the DECT Common Interface may be found in ETS 300 175 Parts 1 to 9 [1] to [9].

Further details of the DECT system may be found in the ETSI Technical Reports, ETR 015, ETR 043, and ETR 056.

The PAP test specification document comprises seven parts:

Part 1:	Overview.
Part 2:	Portable radio Termination (PT) Abstract Test Suite (ATS) - versions available in both ISO9646 TTCN.MP format (electronic) and TTCN.GR format (paper).
Part 3:	Portable radio Termination (PT) Protocol Implementation Conformance Statement (PICS) proforma.
Part 4:	**Portable radio Termination (PT) Protocol Implementation eXtra Information for Testing (PIXIT) proforma.**
Part 5:	Fixed radio Termination (FT) Abstract Test Suite (ATS) - versions available in both ISO9646 TTCN.MP format (electronic) and TTCN.GR format (paper).
Part 6:	Fixed radio Termination (FT) Protocol Implementation Conformance Statement (PICS) proforma.
Part 7:	Fixed radio Termination (FT) Protocol Implementation eXtra Information for Testing (PIXIT) proforma.

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1 Scope

This European Telecommunication Standard (ETS) specifies the Portable radio Termination (PT) Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the Digital European Cordless Telecommunications (DECT) Public Access Profile (PAP) test specification.

The Abstract Test Suite (ATS) describes a set of tests which can be converted using commonly available tools into an executable test suite. For the protocol tests, it consists of TTCN tables comprising an overview section, a declarations section, a constraints section and a dynamic behaviour section. For the non-protocol tests (real-effects), it describes the test method using natural language. The real effects test procedures are contained in ETS 300 323-1 [26], Annex C.

The Protocol Implementation Conformance Statement (PICS) proforma shows a checklist of all mandatory, optional and conditional features, elements of procedure, parameters, options, timers, multi-layer dependencies and other capabilities identified in the protocol specification. Once completed by the manufacturer, this shows which parts of the PAP static conformance requirements the manufacturer has implemented.

The Protocol Implementation eXtra Information for Testing (PIXIT) proforma is a questionnaire for the manufacturer to complete showing all the detailed information required by the test laboratory, e.g. methods of feature invocation, real timer values and identities.

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 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 1: Overview".

[2] ETS 300 175-2 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 2: Physical layer".

[3] ETS 300 175-3 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 3: Medium access control layer".

[4] ETS 300 175-4 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 4: Data link control layer".

[5] ETS 300 175-5 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 5: Network layer".

[6] ETS 300 175-6 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 6: Identities and addressing".

[7] ETS 300 175-7 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 7: Security features".

[8] ETS 300 175-8 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 8: Speech coding and transmission".

[9] ETS 300 175-9 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Common Interface Part 9: Public access profile".

[10] TBR 6: "General Attachment Requirements for Terminal Equipment for Digital European Telecommunications (DECT)".

[11] TBR 10: "Attachment Requirements for Terminal Equipment for Digital European Telecommunications (DECT): Telephony Applications".

[12] I-ETS 300 176 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications Approval Test Specification".

[13] Reserved for future ETS version of [12].

[14] ISO/IEC 9646-1: "Information Technology-OSI Conformance Testing Methodology and Framework, Part 1: General Concepts".

[15] ISO/IEC 9646-2: "Information Technology-OSI Conformance Testing Methodology and Framework, Part 2: Abstract Test Suite Specification".

[16] ISO/IEC 9646-3: "Information Technology-OSI Conformance Testing Methodology and Framework, Part 3: The Tree and Tabular Combined Notation".

[17] ISO/IEC 9646-6: "Information Technology-OSI Conformance Testing Methodology and Framework, Part 6: Protocol Profile Test Specification".

[18] ISO 7498: "Information processing systems - Open Systems Interconnection - Basic Reference Model".

[19] ISO/TR 8509: "Information processing systems - Open Systems Interconnection - Service conventions".

[20] ETS 300 323-4: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT), Public Access Profile Test Specification Part 4: Portable Radio Termination Protocol Implementation eXtra Information for Testing (PIXIT) proforma".

[21] ETS 300 323-2: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT), Public Access Profile Test Specification Part 2: Portable Radio Termination Abstract Test Suite".

[22] ETS 300 323-3: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT), Public Access Profile Test Specification Part 3: Portable Radio Termination Protocol Implementation Conformance Statement (PICS) proforma".

[23] ETS 300 323-5: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT), Public Access Profile Test Specification Part 5: Fixed Radio Termination Abstract Test Suite".

[24] ETS 300 323-6: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT), Public Access Profile Test Specification Part 6: Fixed Radio Termination Protocol Implementation Conformance Statement (PICS) proforma".

[25] ETS 300 323-7: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT), Public Access Profile Test Specification Part 7: Fixed Radio Termination Protocol Implementation eXtra Information for Testing (PIXIT) proforma".

[26] ETS 300 323-1: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT), Public Access Profile Test Specification Part 1: Overview".

3 Definitions and abbreviations

3.1 DECT definitions

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

Fixed Part (DECT Fixed Part) (FP): a physical grouping that contains all of the elements in the DECT network between the local network and the DECT air interface.

NOTE 1: A DECT fixed part contains the logical elements of at least one fixed radio termination, plus additional implementation specific elements.

Fixed radio Termination (FT): a logical group of functions that contains all of the DECT processes and procedures on the fixed side of the DECT air interface.

NOTE 2: A fixed radio termination only includes elements that are defined in the DECT CI standard. This includes radio transmission elements together with a selection of layer 2 and layer 3 elements.

Handover: the process of switching a call in progress from one physical channel to another physical channel. These processes can be internal (see internal handover) or external (see external handover).

NOTE 3: There are two physical forms of handover, intra-cell handover and inter-cell handover. Intra-cell handover is always internal. Inter-cell handover can be internal or external.

Incoming call: a call received at a portable part.

Outgoing call: a call originating from a portable part.

Portable Part (DECT Portable Part) (PP): a physical grouping that contains all elements between the user and the DECT air interface. Portable part is a generic term that may describe one or several physical pieces.

NOTE 4: A DECT portable part is logically divided into one portable termination plus one or more portable applications.

Portable radio Termination (PT): a logical group of functions that contains all of the DECT processes and procedures on the portable side of the DECT air interface.

NOTE 5: A portable radio termination only includes elements that are defined in the DECT CI standard ETS 300 175 Parts 1 to 9 [1] to [9]. This includes radio transmission elements (layer 1) together with a selection of layer 2 and layer 3 elements.

Public Access Profile (PAP): a defined part of the DECT common interface standard (DECT CI) that ensures interoperability between fixed parts and portable parts for public access services.

3.2 ISO 9646 definitions

For the purposes of this ETS the following ISO definitions given in the relevant ISO standard apply:

Abstract Test Suite: see ISO 9646-1 [14].

Executable Test Suite: see ISO 9646-1 [14].

Implementation under Test: see ISO 9646-1 [14].

Lower Tester: see ISO 9646-1 [14].

Network Layer: see OSI Reference Model ISO 7498 [18].

Network Service: see OSI Reference Model ISO 7498 [18].

Point of Control and Observation: see ISO 9646-1 [14].

Protocol Implementation Conformance Statement: see ISO 9646-1 [14].

Protocol Implementation eXtra Information for Testing: see ISO 9646-1 [14].

System under Test: see ISO 9646-1 [14].

Tree and Tabular Combined Notation: see ISO 9646-3 [16].

3.3 DECT abbreviations

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

CC	Call Control
CI	Common Interface (standard)
CISS	Call Independent Supplementary Services
CLMS	ConnectionLess Message Service
COMS	Connection Oriented Message Service
CRSS	Call Related Supplementary Services
DAM	DECT Authentication Module
DECT	Digital European Cordless Telecommunications
DLC	Data Link Control. Layer 2b of the DECT protocol stack
DSAA	DECT Standard Authentication Algorithm
DSC	DECT Standard Ciphering
FP	Fixed Part (see definitions)
FT	Fixed radio Termination (see definitions)
LCE	Link Control Entity
LLME	Lower Layer Management Entity
MAC	Medium Access Control. Layer 2a of the DECT protocol stack
MM	Mobility Management. A NWK layer functional grouping
NWK	NetWorK. Layer 3 of the DECT protocol stack (this layer)
PAP	Public Access Profile
PP	Portable Part
PT	Portable radio Termination (see definitions)
RFP	Radio Fixed Part (see definitions)
SAP	Service Access Point
SS	Supplementary Service

3.4 ISO 9646 abbreviations

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

ATS	Abstract Test Suite
BI	Invalid Behaviour
BO	inOpportune Behaviour
BV	Valid Behaviour
CA	CApability
CCITT	International Telegraph and Telephone Consultative Committee
ETS	European Telecommunication Standard
EV	Encoding Variation
INCONC	INCONClusive
ISDN	Integrated Services Digital Network
ISO	International Organization for Standardization
IUT	Implementation Under Test
LT	Lower Tester
MSB	Most Significant Bit
OSI	Open Systems Interconnection
PC	Parameter Combination
PCO	Point of Control and Observation
PDU	Protocol Data Unit
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
PSTN	Public Switched Telephone Network
PV	Parameter Variation
SAP	Service Access Point
SE	State Event
SUT	System Under Test
TI	Timing/Timer variation
TTCN	Tree and Tabular Combined Notation

3.5 Other abbreviations

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

EWOS	European Workshop on Open Systems
PAPF	Public Access Profile Fixed radio Termination
PAPP	Public Access Profile Portable radio Termination
PR	Protocol
RE	Real Effects

4 Identification summary

Q.1 Identification summary

PIXIT number	
Test laboratory name	
Date of issue	
Issued to	
Contract references	

5 Abstract test suite summary

Q.2 ATS summary

Protocol standard	ETS 300 175-9 [9]: DECT CI PAP
ATS standard	ETS 300 323-2 [21]: "PAP test specification Part 2: portable radio termination abstract test suite".
Abstract test method	Remote single-layer embedded test method

6 Test laboratory

Q.3.1 Test laboratory identification

Test laboratory identification	
Name of test laboratory	
Address of test laboratory	
Phone No of test laboratory	
Fax No of test laboratory	

Q.3.2 Manager of test laboratory

Manager of test laboratory	

Q.3.3 Means of testing

Means of testing	

Q.3.4 SAP addresses

SAP addresses		
Type	**Address**	**Comments**

Q.3.5 Instructions for completion

Instructions for completion

7 Client

Q.4.1 Client identification

Client identification	
Name of client	
Address of client	
Phone No of client	
Fax No of client	

Q.4.2 Name of client test manager

Name of client test manager	

Q.4.3 Test facilities required

Test facilities required

8 System Under Test (SUT)

Q.5.1 SUT information

Name	
Version	
SCS number	
Machine configuration	
Operating system identification	
IUT identification	
PICS reference for IUT	

Q.5.2 Limitations of the SUT

Limitations of the SUT

Q.5.3 Environmental conditions

Environmental conditions

9 Ancillary protocols

If any ancillary protocols are used in the SUT, the client shall provide relevant information for each ancillary protocol in the following table.

Q.6 Ancillary protocols

Protocol name	Version no.	PICS ref.	PIXIT ref.	PCTR ref.

For each ancillary protocol the client should create a subsection in the following blank space and provide information for each ancillary protocol, covering addressing, parameter values, timer values and facilities as defined by the PICS for each protocol.

10 Protocol layer information for the DECT PAP PT

10.1 Protocol identification

Q.7.1 Protocol identification

Name of protocol	ETS 300 175-9 [9]: DECT CI PAP
Version	First Edition: October 1992
PICS reference	ETS 300 323-3 [22]: "Portable radio termination Protocol Implementation Conformance Statement (PICS) proforma".

10.2 IUT information

10.2.1 SAP addresses

Q.7.2.1.1 IUT SAP addresses

SAP addresses		
Type	**Address**	**Comments**

Q.7.2.1.2 Lower tester SAP addresses

SAP addresses		
Type	**Address**	**Comments**

10.2.2 Parameter Values (PV)

The client shall provide the following parameters:

Q.7.2.2 Test suite parameters

No	Name	Type	PICS Clause	Range	Value	Comments
1.	p_ipei_emc	INTEGER16BITNZ	Q.58.1/6b	1-65535		equipment manufacturer code
2.	p_ipei_psn	INTEGER20BIT	Q.58.1/7b	0-1048575		portable serial number
3.	p_facil_comp	OCTETSTRING	Q.43/4	1-254 octets		one example of the facility information element's component field, which upon receipt will cause an immediate facility information element response from the IUT

10.2.3 Timer values

Q.7.2.3 Test suite timer values

No	Name	Type	PICS Clause	Range	Value	Comments

10.2.4 Procedural information

Q.7.2.4 Procedural information

None.

Annex A (normative): Information related to the means of testing for the DECT PAP PT

A.1 Invocation mechanism descriptions (mandatory)

The client shall give detailed descriptions of how to invoke the following at the PT. The invocation mechanisms are mandatory if the procedure is supported at the IUT.

A.1.1 Enter_AC

To enter the authentication code at the PT.

Q.8.1.1 Enter_AC

Description of the invocation of Enter_AC

A.1.2 Enter_UPI

To enter the user personal identity at the PT.

Q.8.1.2 Enter_UPI

Description of the invocation of Enter_UPI

A.1.3 Invoke_af

To invoke the authentication of FT procedure at the PT using DSAA. Included parameters are left open, except shall use DSAA.

Q.8.1.3 Invoke_af

Description of the invocation of Invoke_af

A.1.4 Invoke_cp

To invoke the PT initiated cipher-switching procedure at the PT using DSC. Included parameters are left open, except shall use DSC.

Q.8.1.4 Invoke_cp

Description of the invocation of Invoke_cp

A.1.5 Invoke_detach

To invoke the detach procedure at the PT. Included parameters are left open.

Q.8.1.5 Invoke_detach

Description of the invocation of Invoke_detach

A.1.6 Invoke_oa

To invoke the obtain access rights procedure at the PT. Included parameters are left open, except shall use DSAA and DSC if auth_type and cipher_info elements included.

Q.8.1.6 Invoke_oa

Description of the invocation of Invoke_oa

A.1.7 Invoke_pp_billing

To invoke the PT initiated parameter retrieval procedure at the PT for billing. Included parameters are left open.

Q.8.1.7 Invoke_pp_billing

Description of the invocation of Invoke_pp_billing

A.1.8 Invoke_pp_debiting

To invoke the PT initiated parameter retrieval procedure at the PT for debiting. Included parameters are left open.

Q.8.1.8 Invoke_pp_debiting

Description of the invocation of Invoke_pp_debiting

A.1.9 Invoke_pp_la

To invoke the PT initiated parameter retrieval procedure at the PT for the location area. Included parameters are left open.

Q.8.1.9 Invoke_pp_la

Description of the invocation of Invoke_pp_la

A.1.10 Invoke_pp_o_fix_id

To invoke the PT initiated parameter retrieval procedure at the PT for the old fixed identity. Included parameters are left open.

Q.8.1.10 Invoke_pp_o_fix_id

Description of the invocation of Invoke_pp_o_fix_id

A.1.11 Invoke_pp_o_nwk_ass_ho_ref

To invoke the PT initiated parameter retrieval procedure at the PT for the old network assigned handover reference. Included parameters are left open.

Q.8.1.11 Invoke_pp_o_nwk_ass_ho_ref

Description of the invocation of Invoke_pp_o_nwk_ass_ho_ref

A.1.12 Invoke_pp_o_nwk_ass_id

To invoke the PT initiated parameter retrieval procedure at the PT for the old network assigned identity. Included parameters are left open.

Q.8.1.12 Invoke_pp_o_nwk_ass_id

Description of the invocation of Invoke_pp_o_nwk_ass_id

A.1.13 Invoke_pp_o_nwk_ass_la

To invoke the PT initiated parameter retrieval procedure at the PT for the old network assigned location area. Included parameters are left open.

Q.8.1.13 Invoke_pp_o_nwk_ass_la

Description of the invocation of Invoke_pp_o_nwk_ass_la

A.1.14 Invoke_tp

To invoke the PT initiated terminate access rights procedure at the PT. Included parameters are left open.

Q.8.1.14 Invoke_tp

Description of the invocation of Invoke_tp

A.1.15 Perform_a_normal_release

To perform a normal release at the PT.

Q.8.1.15 Perform_a_normal_release

Description of the invocation of Perform_a_normal_release

A.1.16 Perform_additional_digit

To perform an additional digit at the PT. The digits shall come in order "a", "b", "c", "d".

Q.8.1.16 Perform_additional_digit

Description of the invocation of Perform_additional_digit

A.1.17 Perform_basic_digit

To perform a basic digit at the PT. The digits shall come in order "0" to "9" and then "*", "#".

Q.8.1.17 Perform_basic_digit

Description of the invocation of Perform_basic_digit

A.1.18 Perform_cancel_DTMF_tone

To perform cancel_DTMF_tone at the PT.

Q.8.1.18 Perform_cancel_DTMF_tone

Description of the invocation of Perform_cancel_DTMF_tone

A.1.19 Perform_dialling_pause

To perform a dialling_pause at the PT.

Q.8.1.19 Perform_dialling_pause

Description of the invocation of Perform_dialling_pause

A.1.20 Perform_emergency_call_setup

To perform an emergency call setup at the PT, such that the basic service element indicates "emergency".

Q.8.1.20 Perform_emergency_call_setup

Description of the invocation of Perform_emergency_call_setup

A.1.21 Perform_DTMF_with_defined_tone_length

To perform a DTMF_with_defined_tone_length at the PT.

Q.8.1.21 Perform_DTMF_with_defined_tone_length

Description of the invocation of Perform_DTMF_with_defined_tone_length

A.1.22 Perform_DTMF_with_infinite_tone_length

To perform a DTMF_with_infinite_tone_length at the PT.

Q.8.1.22 Perform_DTMF_with_infinite_tone_length

Description of the invocation of Perform_DTMF_with_infinite_tone_length

A.1.23 Perform_goto_pulse

To perform a goto_pulse at the PT.

Q.8.1.23 Perform_goto_pulse

Description of the invocation of Perform_goto_pulse

A.1.24 Perform_normal_call_setup

To perform a normal_call_setup at the PT. Either piecewise or enbloc dialling can be used.

Q.8.1.24 Perform_normal_call_setup

Description of the invocation of Perform_normal_call_setup

A.1.25 Perform_enbloc_call_with_basic_digits

To perform an en-bloc_call_with_basic_digits in the called party number at the PT. The called party number shall be "1, 2, 3, 4, 5, 6, 7, 8, 9, 0, #, *".

Q.8.1.25 Perform_enbloc_call_with_basic_digits

Description of the invocation of Perform_enbloc_call_with_basic_digits

A.1.26 Perform_enbloc_call_with_pause

To perform an enbloc_call_with_pause in the called party number at the PT. The called party number shall be "1, 2, pause 3, 4".

Q.8.1.26 Perform_enbloc_call_with_pause

Description of the invocation of Perform_enbloc_call_with_pause

A.1.27 Perform_piecewise_call_with_send_compl

To perform a piecewise_call_with_sending complete at the PT.

Q.8.1.27 Perform_piecewise_call_with_send_compl

Description of the invocation of Perform_piecewise_call_with_send_compl

A.1.28 Perform_partial_release

To perform a partial_release at the PT.

Q.8.1.28 Perform_partial_release

Description of the invocation of Perform_partial_release

A.1.29 op_pt_clms_action

A description of the PT response to a received CLMS message.

Q.8.1.29 op_pt_clms_action

Description of the invocation of op_pt_clms_action

A.1.30 Invoke_pt_hold_procedure

To invoke the hold_procedure at the PT.

Q.8.1.30 Invoke_pt_hold_procedure

Description of the invocation of invoke_pt_hold_procedure

A.1.31 Invoke_pt_retrieve_procedure

To invoke the retrieve_procedure at the PT.

Q.8.1.31 Invoke_pt_retrieve_procedure

Description of the invocation of Invoke_pt_retrieve_procedure

A.1.32 Invoke_pt_reg_recall_proc

To invoke the register recall feature activation procedure at the PT.

Q.8.1.32 Invoke_pt_reg_recall_proc

Description of the invocation of Invoke_pt_reg_recall_proc

A.1.33 Invoke_pt_que_req_proc

To invoke the queue request feature activation procedure at the PT.

Q.8.1.33 Invoke_pt_que_req_proc

Description of the invocation of Invoke_pt_que_req_proc

A.1.34 Invoke_pt_sub_num_proc

To invoke the subscriber's number indication feature activation procedure at the PT.

Q.8.1.34 Invoke_pt_sub_num_proc

Description of the invocation of Invoke_pt_sub_num_proc

A.1.35 Invoke_pt_fea_key_proc

To invoke the feature key feature activation procedure at the PT.

Q.8.1.35 Invoke_pt_fea_key_proc

Description of the invocation of Invoke_pt_fea_key_proc

A.1.36 Invoke_pt_lin_sel_proc

To invoke the general line selection feature activation procedure at the PT.

Q.8.1.36 Invoke_pt_lin_sel_proc

Description of the invocation of Invoke_pt_lin_sel_proc

A.1.37 Invoke_pt_tnk_sel_proc

To invoke the general trunk carrier selection feature activation procedure at the PT.

Q.8.1.37 Invoke_pt_tnk_sel_proc

Description of the invocation of Invoke_pt_tnk_sel_proc

A.1.38 Invoke_pt_echo_ctl_proc

To invoke the echo control function feature activation procedure at the PT.

Q.8.1.38 Invoke_pt_echo_ctl_proc

Description of the invocation of Invoke_pt_echo_ctl_proc

A.1.39 Invoke_pt_cost_inf_proc

To invoke the cost information feature activation procedure at the PT.

Q.8.1.39 Invoke_pt_cost_inf_proc

Description of the invocation of Invoke_pt_cost_inf_proc

A.1.40 Invoke_pt_facility_proc

To invoke the facility functional CRSS procedure at the PT.

Q.8.1.40 Invoke_pt_facility_proc

Description of the invocation of Invoke_pt_facility_proc

A.1.41 Invoke_pt_ciss_kp_proc

To invoke the keypad CISS procedure at the PT.

Q.8.1.41 Invoke_pt_ciss_kp_proc

Description of the invocation of Invoke_pt_ciss_kp_proc

A.1.42 Invoke_pt_ciss_fa_proc

To invoke the feature activation CISS procedure at the PT.

Q.8.1.42 Invoke_pt_ciss_fa_proc

Description of the invocation of Invoke_pt_ciss_fa_proc

A.1.43 Invoke_pt_ciss_fcl_proc

To invoke the facility functional CISS procedure at the PT.

Q.8.1.43 Invoke_pt_ciss_fcl_proc

Description of the invocation of Invoke_pt_ciss_fcl_proc

A.1.44 Invoke_pt_clms_var_uplink

To invoke the CLMS-VARIABLE uplink procedure at the PT.

Q.8.1.44 Invoke_pt_clms_var_uplink

Description of the invocation of Invoke_pt_clms_var_uplink

A.1.45 Invoke_pt_coms_setup

To invoke the facility functional CISS procedure at the PT.

Q.8.1.45 Invoke_pt_coms_setup

Description of the invocation of Invoke_pt_coms_setup

A.1.46 Invoke_pt_coms_release

To invoke the COMS release procedure at the PT.

Q.8.1.46 Invoke_pt_coms_release

Description of the invocation of Invoke_pt_coms_release

A.1.47 IUT_coms_msg_rx

A description of the PT response to a received COMS alphanumeric message.

Q.8.1.47 IUT_coms_msg_rx

Description of the invocation of IUT_coms_msg_rx

A.2 Control and observation on the SUT

A.2.1 Control of PT entering test standby mode

The supplier of the implementation shall state the way of control of the SUT to enter the test standby mode in the following box.

Q.9.1 Enter test standby mode

Description of Control for SUT entering test standby mode

A.2.2 Control of PT exiting from test standby mode

The supplier of the implementation shall state the way of control of the SUT to exit from the test standby mode in the following box.

Q.9.2 Exit from test standby mode

Description of Control for SUT exiting from test standby mode

A.2.3 Control of PT reset

The supplier of the implementation shall state the way of control of the SUT reset, and describe what is initialised within the SUT, and the state entered, in the following box.

Q.9.3 Reset

Description of control for SUT reset

A.2.4 Control of PT power-up

The supplier of the implementation shall state the way of control of the SUT power-up, and describe what is initialised within the SUT, and the state entered, in the following box.

Q.9.4 Power-up

Description of control for SUT power-up

Annex B (informative): Bibliography

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