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Profile Implementation Conformance Statement (ICS);
Part 1: Portable radio Termination (PT)

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Contents

Foreword

This draft European Telecommunication Standard (ETS) has been produced by the Radio Equipment and Systems (RES) Technical Committee of the European Telecommunications Standards Institute (ETSI), and is now submitted for the Public Enquiry phase of the ETSI standards approval procedure.

The meaning of the abbreviation DECT has been changed to Digital Enhanced Cordless Telecommunications (DECT) by the decision of the 23rd ETSI Technical Assembly (TA), 7th November 1995.

The Digital Enhanced Cordless Telecommunications/Global System for Mobile communications (DECT/GSM) Interworking Profile (IWP) Implementation Conformance Statement (ICS) standard comprises two parts:

Part 1:　　**"Portable radio Termination (PT)";**

Part 2:　　"Fixed radio Termination (FT)".

Annex A contains the requirement lists for the PT DECT/GSM IWP.

Annex B contains the profile specific ICS proforma for the FT DECT/GSM IWP.

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

This draft European Telecommunication Standard (ETS) provides the Profile ICS proforma for the DECT/GSM IWP at the Portable radio Termination (PT) as defined in ETS 300 370 [4] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [11].

The supplier of an implementation which is claimed to conform to ETS 300 370 [4] is required to complete:

- a copy of the PICS proforma ETS 300 476 Parts 1, 2, 3 and 7 [5] [6] [7] [8], updated with the requirements from ETS 300 474-1 [9], and with the replacements from annex A; and

- a copy of the Profile specific ICS proforma provided in the annex B; and

- a copy of the PICS proforma ETS 300 476 parts 1, 2, 3 and 7 [5] [6] [7] [8], updated with the requirements from ETS 300 474-1 [9].

    NOTE: All DECT speech applications will also conform to the minimum requirements of ETS 300 444 [2].

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

[2]   ETS 300 444: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Generic Access Profile (GAP)".

[3]   ETS 300 466: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications/Global System for Mobile Communications (DECT/GSM) interworking profile; General description of service requirements; Functional capabilities and information flows".

[4]   ETS 300 370: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications/Global System for Mobile communications (DECT/GSM) interworking profile; Access and mapping (Protocol/procedure description for 3,1 kHz speech service)".

[5]   prETS 300 476-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 1: Network (NWK) layer - Portable radio Termination (PT)".

[6]   prETS 300 476-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 2: Data Link Control (DLC) layer - Portable radio Termination (PT)".

[7]   prETS 300 476-3: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 3: Medium Access Control (MAC) layer - Portable radio Termination (PT)".

[8]   prETS 300 476-7: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 7: Physical layer".

[9]   prETS 300 474-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile requirement list and profile specific Implementation Conformance Statement (ICS) proforma; Part 1: Portable radio Termination (PT)".

[10]   ISO/IEC 9646-1 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts". (See also CCITT Recommendation X.290 (1991)).

[11]   ISO/IEC 9646-7 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation conformance statement".

3   Definitions and abbreviations

3.1   Definitions

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

a)   the terms defined in ISO/IEC 9646-7 [11];

b)   the definitions in ETS 300 370 [4];

c)   the definitions in ETS 300 466 [3]; and

d)   the following terms defined in ISO/IEC 9646-1 [10]:

-       PICS proforma;
-       Profile Implementation Conformance Statement (Profile ICS).

3.2   Abbreviations

For the purposes of this ETS, the abbreviations defined in ISO/IEC 9646-1 [10], the abbreviations defined in ETS 300 466 [3], ETS 300 370 [4], ETS 300 175-5 [1], and ETS 300 444 [2], apply.

4   Conformance requirement concerning Profile ICS

The supplier of a protocol implementation which is claimed to conform to the PT specific requirements of ETS 300 370 [4] shall verify that the protocol implementation meets the profile Requirements Lists (RLs) DECT Network (NWK) protocol layer, contained in annex A of this ETS, shall complete a copy of the Profile specific ICS proforma provided in annex B, and shall provide the information necessary to identify both the supplier and the implementation.

Annex A (normative): Requirement lists for DECT PT

A.1 General

The supplier of a protocol implementation which is claimed to conform to the PT specific requirements of ETS 300 370 [4] shall verify that the protocol implementation meets the profile RL.

For this, the supplier shall complete a copy of:

a)   the NWK layer PICS proforma contained in annex A of ETS 300 476-1 [5] updated with the GAP requirements for NWK layer from ETS 300 474-1 [9], and, updated with the requirements for the NWK layer from this annex;

b)   the DLC layer PICS proforma contained in annex A of ETS 300 476-2 [6] updated with the GAP requirements for DLC layer from ETS 300 474-1 [9];

c)   the MAC layer PICS proforma contained in annex A of ETS 300 476-3 [7] updated with the GAP requirements for MAC layer from ETS 300 474-1 [9];

d)   the PHL layer PICS proforma contained in annex A of ETS 300 476-7 [8] updated with the GAP requirements for PHL layer from ETS 300 474-1 [9].

A.1.1 Profile Requirement List (Profile RL)

The Profile RL for the NWK layer as defined in this annex is based on ETS 300 476-1 [5] and ETS 300 474-1 [9]. For every capability, the profile requirements are expressed by restriction upon allowed support answers in ETS 300 474-1 [9] depending on whether the implementation supports only ARI class D or ARI class D and any of ARI classes A, B or C. The Profile RL is produced by copying selected tables and/or table rows from ETS 300 474-1 [9] or ETS 300 476-1 [5] (e.g. if a table is not present in ETS 300 474-1 [9] because of having the same status as in ETS 300 476-1 [5]), removing the column(s) to be completed by the supplier, and adding a new set of columns giving the new profile requirements, both in terms of the status and allowed values.

Profile status column

A profile status column is provided - for PPs in association with ARI class D.

The standardised symbols for the status column are as follows:

m or M   mandatory - the capability is required to be supported.

o or O   optional - the capability may be supported or not.

n/a or N/A   not applicable - in the given context, it is impossible to use the capability.

x or X   prohibited (excluded) - there is a requirement not to use this capability in the given context.

o.i or O.i   qualified optional - for mutually exclusive or selectable options from a set. "i" is an integer which identifies an unique group of related optional items and the logic of their selection which is defined immediately following the table.

ci or Ci   conditional - the requirement on the capability ("m", "o", "x" or "n/a") depends on the support of other optional or conditional items. "i" is an integer identifying an unique conditional status expression which is defined immediately following the table or which is defined in the general condition table below.

i or I   out-of-scope - this capability is outside the scope of the given specification, and hence irrelevant and not subject to conformance testing. This status is in particular applicable for data fields which are reserved for future use. The structure of such fields has to be supported, but the value is undefined and thus to be ignored.

Reference column

The reference column gives reference to ETS 300 370 [4], except where explicitly stated otherwise.

A.1.2 General questions/assumptions

This subclause contains general assumptions that expand all over annex A.

Table A.1: General condition table

Condition identifier	Condition definition
Note 1	The status of the relevant item is exactly as the status of this item in ETS 300 474-1 [9] or ETS 300 476 Parts 1, 2, 3 and 7 [5] [6] [7] [8]. The item has been included as the Profile reference column includes reference to the profile that describes the item more in detail.

A.2 NWK - PT: Profile Requirement List (Profile RL)

A.2.1 Major capabilities

A.2.1.1 Call Control (CC) features

To express the profile requirements of ETS 300 370 [4], table A.2 indicates the change of status for support of NWK layer CC features.

> NOTE: Although the notation "features" is not an ETS 300 370 [4] notation, features have been used here as a higher level of grouping of procedures. For consistency reason some features may comprise only one procedure.

Table A.2: ETS 300 474-1 [9] Table A.3: CC features supported

Item	Call Control features	Profile reference	Profile status ARI-D
7	Dialling delimiter	6.1.1.1	m
8	Dialling delimiter request	6.1.1.1	m
10	Emergency service access request	6.1.1.2	m
11	External Handover (inter-cell)	5.4.2, 6.1.2.9	not applicable
13	Go to DTMF (infinite tone length)	-	i
14	Go to DTMF signalling (defined tone length)	-	i
15	Go to Pulse	-	i
18	Internal call	-	i
23	Partial release	-	i
24	Pause (dialling pause)	-	i
25	Register recall	-	i
28	Service call	-	i

A.2.1.2 MM features

To express the profile requirements of ETS 300 370 [4], table A.3 indicates the change of status for support of NWK layer MM features.

NOTE: Although the notation "features" is not an ETS 300 370 [4] notation, features have been used here as a higher level of grouping of procedures. For consistency reasons some features may comprise only one procedure.

Table A.3: ETS 300 474-1 [9] Table A.4: MM features supported

Item	Mobility Management features	Profile reference	Profile status ARI-D
1	Authentication of FT	5.4.2	x
2	Authentication of PT	5.4.2, 6.1.2.1	See table A.1
3	Authentication of user	5.4.2	n/a
4	Encryption activation FT initiated	5.4.2, 6.1.2.6	See table A.1
5	Encryption activation PT initiated	5.4.2	x
6	Encryption deactivation FT initiated	5.4.2, 6.1.2.6	m
7	Encryption deactivation PT initiated	5.4.2	x
8	Identification of PP	5.4.2, 6.1.2.2	See table A.1
10	Location de-registration (Detach)	5.4.2, 6.1.2.4	m
11	Location registration	5.4.2, 6.1.2.3	See table A.1
12	Multiple subscription registration	-	i
13	On air key allocation	5.4.2	n/a
14	Service class indication/assignment	-	i
16	Subscription registration procedure on-air	5.4.2	x
19	Terminate access rights FT initiated	5.4.2	n/a
20	Terminate access rights PT initiated	5.4.2	x
21	ZAP	5.4.2	n/a
22	MM Partial release	-	i
23	Temporary identity assign	5.4.2, 6.1.2.5	m

A.2.1.3 SS features (services)

To express the profile requirements of ETS 300 370 [4], table A.4 indicates the change of status for support of NWK layer SS features (services).

NOTE: Although the notation "features" is not an ETS 300 370 [4] notation, features have been used here as a higher level of grouping of procedures. For consistency reasons some features may comprise only one procedure.

Table A.4: ETS 300 474-1 [9] Table A.5: SS features (services) supported

Item	CC (CRSS) and features	Ref.	Profile status ARI-D
8	Calling Line Identification Presentation (CLIP)	-	i

A.2.1.4 LCE features

To express the profile requirements of ETS 300 370 [4], table A.5 indicates the change of status for support of NWK layer LCE features (services).

> NOTE: Although the notation "features" is not an ETS 300 370 [4] notation, features have been used here as a higher level of grouping of procedures. For consistency reasons some features may comprise only one procedure.

Table A.5: ETS 300 474-1 [9] Table A.6: LCE features supported

Item	LCE features	Profile reference	Profile status ARI-D
1	Connection oriented Link control (Link control)	6.1.3	See table A.1

A.2.1.5 Procedures

To express the profile requirements of ETS 300 370 [4], tables A.6 to A.10 indicate the change of status for support of NWK layer procedures.

Table A.6: ETS 300 474-1 [9] Table A.7: CC procedures supported

Item	CC procedures	Profile reference	Profile status ARI-D
1	cc_outgoing_normal_call_request	6.3.1.1	See table A.1
2	cc_outgoing_emergency_call_request	6.1.1.2	m
3	cc_outgoing_external_handover_request	6.1.2.9	not applicable
6	cc_outgoing_overlap_sending	6.1.1.1	See table A.1
7	cc_outgoing_call_proceeding	6.1.1.1	See table A.1
8	cc_outgoing_call_confirmation	6.1.1.1	See table A.1
9	cc_outgoing_call_connection	6.1.1.1	See table A.1
10	cc_incoming_call_request	6.1.1.3	See table A.1
15	cc_incoming_call_confirmation	6.1.1.3	See table A.1
16	cc_incoming_call_connection	6.1.1.3	See table A.1
18	cc_sending_keypad_info	6.1.1.1	See table A.1
20	cc_normal_call_release	6.1.1.4, 6.3.1.2, 6.1.1.5	See table A.1
22	cc_abnormal_call_release	6.1.1.6, 6.1.1.7, 6.3.1.2	See table A.1
35	cc_internal_call_setup	-	i
36	cc_service_call_setup	-	i
38	cc_service_call_keypad	-	i
39	cc_internal_call_keypad	-	i

Table A.7: ETS 300 474-1 [9] Table A.8: MM procedures supported

Item	Mobility Management procedures	Profile reference	Profile status ARI-D
1	mm_identification_of_pt	6.1.2.2	See table A.1
2	mm_temporary_identity_assignment	6.1.2.5	m
3	mm_authentication_of_pt	6.1.2.1	See table A.1
4	mm_authentication_of_user	-	n/a
5	mm_authentication_of_ft	-	x
6	mm_location_registration (for DECT location areas only)	6.1.2.3, note 1	o
8	mm_location_update	6.1.2.3	m
9	mm_obtain_access_rights	-	x
10	mm_pt_init_terminate_access_rights	-	x
11	mm_ft_init_terminate_access_rights	-	n/a
12	mm_key_allocation	-	n/a
15	mm_pt_init_cipher_switching	6.3.2.6	m
16	mm_ft_init_cipher_switching	6.1.2.6	See table A.1
17	mm_zap_increment	-	n/a
19	mm_dck_sending	-	n/a
20	mm_service_class_mgt	-	i
21	mm_partial_release	i	i
23	mm_timer_f_mm_ident_1_mgt	6.1.5.2	See table A.1
24	mm_timer_f_mm_access_2_mgt	-	x
25	mm_timer_f_mm_auth_1_mgt	6.1.5.2	See table A.1
26	mm_timer_f_mm_cipher_1_mgt	6.1.5.2	See table A.1
27	mm_timer_f_mm_key_1_mgt	-	n/a
28	mm_timer_f_mm_ident.2_mgt	6.1.5.2	See table A.1
29	mm_timer_f_mm_auth_2_mgt	-	x

Table A.8: ETS 300 474-1 [9] Table A.9: SS protocols supported

Item	SS protocol name	Profile reference	Profile status ARI-D
1	crss_keypad_protocol	-	i

Table A.9: ETS 300 474-1 [9] Table A.10: LCE procedures supported

Item	LCE procedures	Profile reference	Profile status ARI-D
2	lce_indirect_ft_init_link_establishment	6.1.3	See table A.1
3	lce_direct_ft_init_link_establishment	-	i

Table A.10: ETS 300 474-1 [9] Table A.11: LLME procedures supported

Item	LLME procedures	Profile reference	Profile status ARI-D
9	mgt_external_handover	6.1.2.9	not applicable

A.2.2 Messages

To express the profile requirements of ETS 300 370 [4], the tables in the following subclauses indicate the change of status for support of NWK layer messages.

Some DECT information elements can be used to convey the information carried in some GSM information elements, but the exact mapping has been considered as out of scope. Such information elements hereafter are qualified as mandatory (m) to support their existence but the mapping is application specific.

A.2.2.1 CC messages

Table A.11: ETS 300 474-1 [9] Table A.12: CC sending (P to F) messages supported

Item	CC sending (P to F) Message name	Profile reference	Profile status ARI-D
1	CC-SETUP	6.1.6.2.15, 6.1.6.2.16	See table A.1
2	CC-INFOrmation	6.1.6.2.10	See table A.1
5	CC-ALERTING	6.1.6.2.8	See table A.1
6	CC-CONNECT	6.1.6.2.9	See table A.1
8	CC-RELEASE	6.1.6.2.11, 6.1.6.2.12	See table A.1
9	CC-RELEASE-COMplete	6.1.6.2.13, 6.1.6.2.14	See table A.1

Table A.12: ETS 300 474-1 [9] Table A.13: CC receiving (F to P) messages supported

Item	CC receiving (F to P) Message name	Profile reference	Profile status ARI-D
1	CC-SETUP	6.1.6.1.11	See table A.1
2	CC-INFOrmation	-	i
3	CC-SETUP-ACKnowledge	6.1.1.1	See table A.1
4	CC-CALL-PROCeeding	6.1.6.1.9	See table A.1
5	CC-ALERTING	6.1.6.1.8	See table A.1
6	CC-CONNECT	6.1.6.1.10	See table A.1
7	CC-CONNECT-ACKnowledge	6.1.1.3	See table A.1
8	CC-RELEASE	6.1.6.1.13	See table A.1
9	CC-RELEASE-COMplete	6.1.6.1.14	See table A.1
13	CC-NOTIFY	6.1.2.7	See table A.1

Table A.13: ETS 300 474-1 [9] Table A.14: CC-SETUP sending (P to F) supported

Item	CC-SETUP sending (P to F) Information element name	Profile reference	Profile status ARI-D
4	Basic service	6.1.7.2.10	See table A.1
14	Cipher info	6.1.6.2.6, 6.1.7.2.4	m
30	Called party number	6.1.7.2.11	o
32	Sending complete	6.1.1.1	c1301

c1301: IF A.13/30 THEN o ELSE x.

Table A.14: ETS 300 474-1 [9] Table A.15: CC-SETUP receiving (F to P) supported

Item	CC-SETUP receiving (F to P) Information element name	Profile reference	Profile status ARI-D
4	Basic service	6.1.7.2.10	See table A.1
16	Facility	6.1.7.1.11	m
17	Progress Indicator	6.1.7.1.8	m
20	Signal	6.1.7.1.11	See table A.1
29	Calling party number	6.1.6.1.11	m
30	Called party number	6.1.6.1.11	m
31	Called party subaddress	6.1.6.1.11	m
33	IWU-to-IWU	6.1.6.1.11	m

Table A.15: ETS 300 474-1 [9] Table A.16: CC-INFO sending (P to F) supported

Item	CC-INFO sending (P to F) Information element name	Profile reference	Profile status ARI-D
7	Keypad (multi keypad)	6.1.6.2.10	o.1501
12	Called party number	6.1.1.1	o.1501
14	Sending complete	6.1.1.1	c1502

c1501: IF A.15/7 THEN m ELSE o
o.1501: It is mandatory to support at least one of these options.

Table A.16: ETS 300 474-1 [9] Table A.18: CC-SETUP-ACK receiving (F to P) supported

Item	CC-SETUP-ACK receiving (F to P) Information element name	Profile reference	Profile status ARI-D
15	Delimiter request	6.1.1.1	m

Table A.17: ETS 300 474-1 [9] Table A.19: CC-CALL-PROC receiving (F to P) supported

Item	CC-CALL-PROC receiving (F to P) Information element name	Profile reference	Profile status ARI-D
5	Progress indicator	6.1.7.1.8	See table A.1

Table A.18: ETS 300 474-1 [9] Table A.20: CC-ALERTING sending (P to F) supported

Item	CC-ALERTING sending (P to F) Information element name	Profile reference	Profile status ARI-D
4	Facility	6.1.6.2.8	o
12	IWU-to-IWU	6.1.6.2.8	o

Table A.19: ETS 300 474-1 [9] Table A.21: CC-ALERTING receiving (F to P) supported

Item	CC-ALERTING receiving (F to P) Information element name	Profile reference	Profile status ARI-D
4	Facility	6.1.6.1.8	m
5	Progress Indicator	6.1.7.1.8	See table A.1
12	IWU-to-IWU	6.1.6.2.8	m

Table A.20: ETS 300 474-1 [9] Table A.22: CC-CONNECT sending (P to F) supported

Item	CC-CONNECT sending (P to F) Information element name	Profile reference	Profile status ARI-D
4	Facility	6.1.6.2.9	o
12	IWU-to-IWU	6.1.6.2.9	o

Table A.21: ETS 300 474-1 [9] Table A.23: CC-CONNECT receiving (F to P) supported

Item	CC-CONNECT receiving (F to P) Information element name	Profile reference	Profile status ARI-D
4	Facility	6.1.6.1.10	m
5	Progress indicator	6.1.7.1.8	m
12	IWU-to-IWU	6.1.6.1.10	m

Table A.22: ETS 300 474-1 [9] Table A.25: CC-RELEASE sending (P to F) supported

Item	CC-RELEASE sending (P to F) Information element name	Profile reference	Profile status ARI-D
2	Release reason	6.1.6.2.11, 6.1.6.2.12, 6.1.7.2.14	m
6	IWU-to-IWU	6.1.6.2.12	o

Table A.23: ETS 300 474-1 [9] Table A.26: CC-RELEASE receiving (F to P) supported

Item	CC-RELEASE receiving (F to P) Information element name	Profile reference	Profile status ARI-D
2	Release reason	6.1.6.1.12, 6.1.7.1.9	m
3	Facility	6.1.6.1.12	m
6	IWU-to-IWU	6.1.6.1.12	m

Table A.24: ETS 300 474-1 [9] Table A.27: CC-RELEASE-COM sending (P to F) supported

Item	CC-RELEASE-COM sending (P to F) Information element name	Profile reference	Profile status ARI-D
2	Release reason	6.1.7.2.14, 6.1.6.2.13, 6.1.6.2.14	o
10	IWU-to-IWU	6.1.6.2.13, 6.1.6.2.14	o

Table A.25: ETS 300 474-1 [9] Table A.28: CC-RELEASE-COM receiving (F to P) supported

Item	CC-RELEASE-COM receiving (F to P) Information element name	Profile reference	Profile status ARI-D
2	Release reason	6.1.7.1.10	m
6	Facility	6.1.6.1.13, 6.1.6.1.14	m
10	IWU-to-IWU	6.1.6.1.13, 6.1.6.1.14	m

A.2.2.2 MM messages

Table A.26: ETS 300 474-1 [9] Table A.30: MM message sending (P to F) supported

Item	MM message sending (P to F) Information element name	Profile reference	Profile status ARI-D
3	ACCESS-RIGHTS-REQUEST	-	i
4	ACCESS-RIGHTS-TERMINATE-ACCEPT	-	i
5	ACCESS-RIGHTS-TERMINATE-REJECT	-	i
6	ACCESS-RIGHTS-TERMINATE-REQUEST	-	See table A.1
7	AUTHENTICATION-REJECT	6.1.2.1	i
8	AUTHENTICATION-REPLY	6.1.6.2.3	See table A.1
9	AUTHENTICATION-REQUEST	-	See table A.1
10	CIPHER-REJECT	6.1.2.6	i
12	CIPHER-SUGGEST	-	i
13	DETACH	6.1.6.2.4	m
14	IDENTITY-REPLY	6.1.6.2.7	See table A.1
19	LOCATE-REQUEST	6.1.6.2.1	See table A.1
22	MM-INFO-REQUEST	-	i
25	TEMPORARY-IDENTITY-ASSIGN-ACKnowledge	6.1.6.2.5	See table A.1
26	TEMPORARY-IDENTITY-ASSIGN-REJECT	6.1.2.5	i

Table A.27: ETS 300 474-1 [9] Table A.31: MM message receiving (F to P) supported

Item	MM message receiving (F to P) Information element name	Profile reference	Profile status ARI-D
1	ACCESS-RIGHTS-ACCEPT	-	i
2	ACCESS-RIGHTS-REJECT	-	i
4	ACCESS-RIGHTS-TERMINATE-ACCEPT	-	See table A.1
5	ACCESS-RIGHTS-TERMINATE-REJECT	-	See table A.1
6	ACCESS-RIGHTS-TERMINATE-REQUEST	-	i
7	AUTHENTICATE-REJECT	-	i
8	AUTHENTICATE-REPLY	-	i
9	AUTHENTICATE-REQUEST	6.1.6.1.1	See table A.1
10	CIPHER-REJECT	-	i
11	CIPHER-REQUEST	6.1.6.1.5	See table A.1
15	IDENTITY-REQUEST	6.1.6.1.3	See table A.1
16	KEY-ALLOCATE	-	i
17	LOCATE-ACCEPT	6.1.6.1.6	See table A.1
18	LOCATE-REJECT	6.1.6.1.7	See table A.1
20	MM-INFO-ACCEPT	-	See table A.1
21	MM-INFO-REJECT	-	See table A.1
23	MM-INFO-SUGGEST	6.1.2.3	See table A.1
24	TEMPORARY-IDENTITY-ASSIGN	6.1.6.1.4	m

Table A.28: ETS 300 474-1 [9] Table A.39: AUTHENTICATE-REPLY sending (P to F) supported

Item	AUTHENTICATE-REPLY sending (P to F) Information element name	Profile reference	Profile status ARI-D
4	ZAP field	-	i
5	Service class	-	i

Table A.29: ETS 300 474-1 [9] Table A.42: AUTHENTICATE-REQUEST receiving (F to P) supported

Item	AUTHENTICATE-REQUEST receiving (F to P) Information element name	Profile reference	Profile status ARI-D
5	RS	-	i

Table A.30: ETS 300 474-1 [9] Table A.45: CIPHER-REQUEST receiving (F to P) supported

Item	CIPHER-REQUEST receiving (F to P) Information element name	Profile reference	Profile status ARI-D
2	Cipher info	6.1.8.1.8	See table A.1

Table A31: ETS 300 476-1 [9] Table A.72: DETACH sending (P to F) supported

Item	DETACH sending (P to F) Information element name	Profile reference	Profile status ARI-D
2	Portable identity	6.1.7.2.6	See table A.1
3	NWK assigned identity	6.1.7.2.2	m

Table A.32: ETS 300 474-1 [9] Table A.47: IDENTITY-REPLY sending (P to F) supported

Item	IDENTITY-REPLY sending (P to F) Information element name	Profile reference	Profile status ARI-D
3	Portable identity 1	6.1.7.2.6	See table A.1
7	Fixed identity 1	-	i
11	NWK assigned identity 1	6.1.7.2.2	m

Table A.33: ETS 300 474-1 [9] Table A.48: IDENTITY-REQUEST receiving (F to P) supported

Item	IDENTITY-REQUEST receiving (F to P) Information element name	Profile reference	Profile status ARI-D
3	Identity type 1	6.1.7.1.5	See table A.1

Table A.34: ETS 300 474-1 [9] Table A.49: LOCATE-ACCEPT receiving (F to P) supported

Item	LOCATE-ACCEPT receiving (F to P) Information element name	Profile reference	Profile status ARI-D
3	Location area	6.1.7.1.4	See table A.1
4	NWK assigned identity	6.1.1.1.1	m
5	Duration	6.1.2.3	o

Table A.35: ETS 300 474-1 [9] Table A.50: LOCATE-REJECT receiving (F to P) supported

Item	LOCATE-REJECT receiving (F to P) Information element name	Profile reference	Profile status ARI-D
2	Reject reason	6.1.7.1.6	m

Table A.36: ETS 300 474-1 [9] Table A.51: LOCATE-REQUEST sending (P to F) supported

Item	LOCATE-REQUEST sending (P to F) Information element name	Profile reference	Profile status ARI-D
4	Location area	6.1.7.2.3	See table A.1
5	NWK assigned identity	6.1.7.2.2	m
6	Cipher info	6.1.7.2.4	m
8	Terminal capability	6.1.7.2.8	See table A.1

Table A.37: ETS 300 474-1 [9] Table A.52: MM-INFO-SUGGEST receiving (F to P) supported

Item	MM-INFO-SUGGEST receiving (F to P) Information element name	Profile reference	Profile status ARI-D
4	Location area	6.1.2.3, 6.1.2.9	not applicable
5	NWK assigned identity	6.1.2.3, 6.1.2.9	not applicable
6	Network parameter	6.1.2.3, 6.1.2.9	not applicable
NOTE:	All these elements can be used for external handover procedure.		

Table A.38: ETS 300 476-1 [9] Table A.83: TEMPORARY-IDENTITY-ASSIGN receiving (F to P) supported

Item	TEMPORARY-IDENTITY-ASSIGN receiving (F to P) Information element name	Profile reference	Profile status ARI-D
2	Portable identity	-	i
3	NWK assigned identity	6.1.7.1.1	m
4	Duration	6.1.2.5	See table A.1

Table A.39: ETS 300 474-1 [9] Table A.53: TEMPORARY-IDENTITY-ASSIGN-REJECT sending (P to F) supported

Item	TEMPORARY-IDENTITY-ASSIGN-REJECT sending (P to F) Information element name	Profile reference	Profile status ARI-D
2	Reject reason	6.1.2.5	See table A.1

A.2.2.3 LCE messages

Table A.40: ETS 300 474-1 [9] Table A.56: LCE message sending (P to F) supported

Item	LCE message sending (P to F) Information element name	Profile reference	Profile status ARI-D
1	LCE-PAGE-RESPONSE	6.1.6.2.2	See table A.1

Table A.41: ETS 300 474-1 [9] Table A.58: LCE-PAGE-RESPONSE sending (P to F) supported

Item	LCE-PAGE-RESPONSE sending (P to F) Information element name	Profile reference	Profile status ARI-D
2	Portable identity	6.1.7.2.1	See table A.1
3	Fixed identity	-	i
4	NWK assigned identity	6.1.3	m
5	Cipher info	6.1.7.2.4	m

A.2.3 Information elements

To express the profile requirements of ETS 300 370 [4], the tables in the following subclauses indicate the change of status for support and values allowed of NWK layer information elements. The support of each information element itself is dependent on the support of the information element in each particular message as stated in subclause A.2.2.

A.2.3.1 Fixed length information element support

Table A.42: ETS 300 474-1 [9] Table A.60: Type of service class in basic service supported

Item	Type of service class in basic service supported	Profile reference	Profile status ARI-D
2	Basic service "Internal call set-up"	-	i
3	Basic service "Emergency call set-up"		m
4	Basic service "Service call set-up"	-	i
5	Basic service "External handover call set-up"	-	not applicable

Table A.43: ETS 300 474-1 [9] Table A.61: Basic service - Normal call set-up supported

Item	Basic service - Normal call set-up Name of field	Profile reference	Profile status ARI-D	Profile value allowed
3	Basic service	6.1.8.1.20, 6.1.8.2.18	See table A.1	'0100'B

Table A.44: ETS 300 476-1 [9] Table A.138: Basic service - Emergency call set-up supported

Item	Basic service - Emergency call set-up Name of field	Profile reference	Profile status ARI-D	Profile value allowed
2	Call class	6.1.8.2.16, 6.1.8.2.19	See table A.1	'1010'B
3	Basic service	6.1.8.1.20, 6.1.8.2.18	See table A.1	'0100'B

Table A.45: ETS 300 474-1 [9] Table A.66: Release-reason supported

Item	Release-reason Name of field	Profile reference	Profile status ARI-D	Profile value allowed
2	Release reason code	6.1.8.1.23, 6.1.8.2.23	See table A.1	00H, 06H, 0FH, 10H, 11H, 12H, 14H, 15H, 18H, 34H

Table A.46: ETS 300 474-1 [9] Table A.67: Signal supported

Item	Signal Name of field	Profile reference	Profile status ARI-D	Profile value allowed
2	Signal value	6.1.8.1.24	See table A.1	'00000000'B .. '00001000'B, '00111111'B, '01001111'B

A.2.3.2 Variable length information element supported

Table A.47: ETS 300 474-1 [9] Table A.69: Auth-type supported

Item	Auth-type Name of field	Profile reference	Profile status ARI-D	Profile value allowed
3	Authentication algorithm identifier	6.1.2.1, 6.1.7.1.3	See table A.1	'01000000'B,
5	Authentication key type	6.1.2.1, 6.1.7.1.3	See table A.1	'0001'B
6	Authentication key number	6.1.2.1, 6.1.7.1.3	See table A.1	'0000'B
7	INCrement bit	6.1.2.1, 6.1.7.1.3	See table A.1	'0'B
9	TXC bit	6.1.2.1, 6.1.7.1.3	See table A.1	'0'B
10	UPC bit	6.1.2.1, 6.1.7.1.3	See table A.1	'1'B
11	Cipher key number	6.1.8.1.10	See table A.1	'0000'B .. '0110'B

Table A.48: ETS 300 476-1 [9] Table A.211: Called party number supported

Item	Called party number Name of field	Profile reference	Profile status ARI-D	Profile value allowed
4	Number type	6.1.8.2.21	See table A.1	'000'B .. '011'B
5	Numbering plan identification	6.1.8.2.22	See table A.1	'0000'B, '0001'B, '0011'B, '1000'B, '1001'B, '1111'B
6	Called party address (group of octets)	6.1.7.2.11	See table A.1	See table A.1

Table A.49: ETS 300 474-1 [9] Table A.70: Cipher info supported

Item	Cipher info Name of field	Profile reference	Profile status ARI-D	Profile value allowed
4	Cipher algorithm identifier	6.1.2.6	See table A.1	'0000001'B
6	Cipher key type	6.1.2.6	See table A.1	'1001'B
7	Cipher key number	6.1.8.2.13	See table A.1	'0000'B .. '0110'B

Table A.50: ETS 300 474-1 [9] Table A.71; Class Fixed identity supported

Item	Class Fixed identity	Profile reference	Profile status ARI-D
1	Fixed identity class A	5.4.1	i
2	Fixed identity class B	5.4.1	i
3	Fixed identity class C	5.4.1	i
4	Fixed identity class D	5.4.1	m

Table A.51: ETS 300 476-1 [9] Table A.245: Fixed identity "ARI Class D" or "PARK Class D" supported

Item	Fixed identity "ARI Class D" or "PARK Class D" Name of field	Profile reference	Profile status ARI-D	Profile value allowed
9	ARD-GOP		See table A.1	len_b: 20 val: GSM specific
10	ARD-FPN		See table A.1	len_b: 8 val: 1 - 255

Table A.52: ETS 300 476-1 [9] Table A.249: Fixed identity ARI+RPN Class D supported

Item	Fixed identity ARI+RPN Class D Name of field	Profile reference	Profile status ARI-D	Profile value allowed
8	ARC		See table A.1	'011'B
9	ARD-GOP		See table A.1	len_b: 20 val: GSM specific
10	ARD-FPN		See table A.1	len_b: 8 val: 1 - 255
11	RPN		See table A.1	len_b: 8 val: 0 .. 255

Table A.53: ETS 300 474-1 [9] Table A.72: Identity type supported

Item	Identity type	Profile reference	Profile status ARI-D
1	Identity type "Portable identity"	6.1.8.1.12	See table A.1
2	Identity type "NWK assigned identity"	6.1.8.1.12	m
3	Identity type "Fixed identity"	-	i

Table A.54: ETS 300 476-1 [9] Table A.251: Identity type Portable identity supported

Item	Identity type Portable identity Name of field	Profile reference	Profile status ARI-D	Profile value allowed
7	Type	6.1.8.1.13	See table A.1	'0000000'B, '0010000'B

Table A.55: ETS 300 476-1 [9] Table A.252: Identity type NWK assigned identity supported

Item	Identity type NWK assigned identity Name of field	Profile reference	Profile status ARI-D	Profile value allowed
7	Type	6.1.8.1.13	See table A.1	'1110100'B

Table A.56: ETS 300 474-1 [9] Table A.73: Info type supported

Item	Identity type NWK assigned identity Name of field	Profile reference	Profile status ARI-D	Profile value allowed
4	Parameter coding	6.1.2.1, 6.1.2.3	See table A.1	'0000000'B, '0000100'B

Table A.57: ETS 300 474-1 [9] Table A.74: Location area info types supported

Item	Location area info types supported	Profile reference	Profile status ARI-D
1	Location area "No ELI"	6.1.2.3	c5701
2	Location area "With ELI no GSM info indicated"	-	i
3	Location area "With ELI GSM info indicated"	6.3.2.3, 6.1.7.1.4, 6.1.7.2.3	m

c5701: IF A.7/6 THEN m ELSE i

Table A.58: ETS 300 476-1 [9] Table A.263: Location area With ELI GSM info included supported

Item	Location area With ELI GSM info included Name of field	Profile reference	Profile status ARI-D	Profile value allowed
3	Location Information (LI) type	6.3.2.3	See table A.1	'11'B
5	Extended Location Information (ELI) type coding	6.3.2.3	m	'1111'B
6	MCC digit 3 (GSM)	6.1.8.1.11, 6.1.8.2.12	m	'0000'B .. '1001'B
7	MCC digit 2 (GSM)	6.1.8.1.11, 6.1.8.2.12	See table A.1	'0000'B .. '1001'B
8	MCC digit 1 (GSM)	6.1.8.1.11, 6.1.8.2.12	See table A.1	'0000'B .. '1001'B
9	MNC digit 2 (GSM)	6.1.8.1.11, 6.1.8.2.12	See table A.1	'0000'B .. '1001'B, '1111'B
10	MNC digit 1 (GSM)	6.1.8.1.11, 6.1.8.2.12	See table A.1	'0000'B .. '1001'B
11	LAC (GSM)	6.1.8.1.11, 6.1.8.2.12	See table A.1	00H .. FFH
12	LAC (continue) (GSM)	6.1.8.1.11, 6.1.8.2.12	See table A.1	00H .. FFH
13	CI (GSM)	6.1.8.1.11, 6.1.8.2.12	See table A.1	i
14	CI (continue) (GSM)	6.1.8.1.11, 6.1.8.2.12	See table A.1	i

Table A.59: ETS 300 476-1 [9] Table A.265: Multi-keypad supported

Item	Multi-keypad Name of field	Profile reference	Profile status ARI-D	Profile value allowed
3	Keypad information (group of octets)	6.1.7.2.12, 6.1.7.2.13	See table A.1	len_o: 1 .. 61 val: IA5 characters (20H .. 7FH)

Table A.60: ETS 300 476-1 [9] Table A.266: Type of NWK assigned identity supported

Item	Type of NWK assigned identity Identity name	Profile reference	Profile status ARI-D
1	GSM-TMSI	6.1.7.1.1	m
2	Proprietary	-	i

Table A.61: ETS 300 476-1 [9] Table A.267: Network assigned identity GSM-TMSI supported

Item	Network assigned identity GSM-TMSI Name of field	Profile reference	Profile status ARI-D	Profile value allowed
6	Length of identity value	6.1.7.1.1	See table A.1	32
7	TMSI value (Identity value)	6.1.2.3, 6.1.8.1.7, 6.1.8.2.11	See table A.1	len_o: 4 val: '00000000000000000000000000000000'B .. '11111111111111111111111111111110'B

Table A.62: ETS 300 474-1 [9] Table A.84: Type of portable identity supported

Item	Type of portable identity Identity name	Profile reference	Profile status ARI-D
1	IPEI	6.1.7.2.6, 6.1.8.2.15	See table A.1
2	IPUI-N	-	i
3	IPUI-S	-	i
4	IPUI-O	-	i
5	IPUI-T	-	i
6	IPUI-P	-	i
7	IPUI-Q	-	i
8	IPUI-U	-	i
9	IPUI-R	5.4.2, 6.1.8.2.15	See table A.1
10	TPUI-default	6.1.2.3, 6.1.2.5, 6.1.3	See table A.1
11	TPUI-assigned individual	6.1.2.3, 6.1.2.5, 6.1.3	See table A.1

Table A.63: ETS 300 476-1 [9] Table A.277: Portable identity - type of IPUI-R supported

Item	Portable identity - type of IPUI-R Name of field	Profile reference	Profile status ARI-D	Profile value allowed
7	Portable User Type (PUT)	6.1.8.2.8	See table A.1	'0100'B
8	PUN-IMSI	6.1.8.2.9	See table A.1	len_b: 60 val: 0 .. ((2**60)-1)

Table A.64: ETS 300 474-1 [9] Table A.86: Progress indicator supported

Item	Progress indicator Name of field	Profile reference	Profile status ARI-D	Profile value allowed
4	Coding standard	6.1.8.1.18	See table A.1	'00'B .. '10'B
6	Location	6.1.8.1.21	See table A.1	'0000'B .. '0010'B, '0100'B, '0101'B, '1010'B
8	Progress description	6.1.8.1.22	See table A.1	'0000001'B .. '0000100'B, '0001000'B

Table A.65: ETS 300 476-1 [9] Table A.290: Reject reason supported

Item	Reject reason Name of field	Profile reference	Profile status ARI-D	Profile value allowed
3	Reject reason code	6.1.8.1.17, 6.1.8.1.26	See table A.1	02H, 06H, 08H, 0AH, 0FH, 34H, 76H, 80H

A.2.4 GAP specific

To express the profile requirements of ETS 300 370 [4], the tables in the following subclauses indicates the change of status for support of GAP specific requirements.

A.2.4.1 General requirements

Table A.66: ETS 300 474-1 [9] Table B.11: General requirements supported

Item	Requirement	Profile reference	Profile status ARI-D
1	Transaction identifier assignment	6.1.8.1.2	See table A.1
2	Length of NWK layer message	6.1.1.9	i

A.2.4.2 Application features

Table A.67: ETS 300 474-1 [9] Table B.12: Application features supported

Item	Name of feature	Profile reference	Profile status ARI-D
1	AC_bitstring_mapping	-	i

A.2.4.3 Management procedures

Table A.68: ETS 300 474-1 [9] Table B.14: Management procedure support

Item	Name of procedure	Profile reference	Profile status ARI-D
1	Location registration initiation	-	i
5	Storage of subscription related data	-	i
6	DCK management	-	i

Annex B (normative): DECT/GSM IWP Profile-specific ICS proforma for PT

B.1 Introduction for completing the Profile- specific ICS proforma

B.1.1 Purposes and structure

The purpose of this Profile specific ICS proforma is to provide a mechanism whereby a supplier of an implementation of the PT specific requirements of ETS 300 370 [4] may provide information about the implementation in a standardized manner.

The Profile-specific ICS proforma is subdivided into subclauses for the following categories of information:

- instructions for completing the ICS proforma;

- identification of the implementation;

- identification of ETS 300 370 [4];

- ICS proforma tables:

    - global statement of conformance;
    - functional groups and procedures;
    - timers and protocol parameters;
    - messages;
    - information elements;
    - negotiation capabilities;
    - protocol error handling;
    - multilayer dependencies.

The ICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7 [11].

Item column: The item column contains a number which identifies the item in the table.

Item description column: The item description column describes in free text each respective item (e.g. parameters, timers, etc.). It implicitly means "is <item description> supported by the implementation?".

Status column: The following notations, defined in ISO/IEC 9646-7 [11], are used for the status column:

m or M   mandatory - the capability is required to be supported.

o or O   optional - the capability may be supported or not.

n/a or N/A   not applicable - in the given context, it is impossible to use the capability.

x or X   prohibited (excluded) - there is a requirement not to use this capability in the given context.

o.i or O.i   qualified optional - for mutually exclusive or selectable options from a set. "i" is an integer which identifies an unique group of related optional items and the logic of their selection which is defined immediately following the table.

ci or Ci   conditional - the requirement on the capability ("m", "o", "x" or "n/a") depends on the support of other optional or conditional items. "i" is an integer identifying an unique conditional status expression which is defined immediately following the table or which is defined in the general condition table below.

i or I   out-of-scope - this capability is outside the scope of the given specification, and hence irrelevant and not subject to conformance testing. This status is in particular applicable for data fields which are reserved for future use. The structure of such fields has to be supported, but the value is undefined and thus to be ignored.

Reference column: The reference column gives reference to ETS 300 370 [4], except where explicitly stated otherwise.

Support column: The support column shall be filled in by the supplier of the implementation. The following common notations, defined in ISO/IEC 9646-7 [11], are used for the support column:

Y or y   supported by the implementation

N or n   not supported by the implementation

N/A, n/a or -   no answer required (allowed only if the status is n/a, directly or after evaluation of a conditional status)

In each context, the kind of "non-support" which is implemented at the receipt may be additionally indicated such as:

-      Err   the item is treated as a protocol error;

-      Ig   the item is received and ignored (i.e. processed syntactically, but not semantically);

-      rj   the item is received and rejected.

       NOTE: As stated in ISO/IEC 9646-7 [11], support for a PDU requires the ability to parse all valid parameters of that PDU. Supporting a PDU while having no ability to parse a valid parameter is non-conformant. Support for a parameter on a PDU means that the semantics of that parameter are supported.

Values allowed column: The values allowed column contains the values or the ranges of values allowed.

Values supported column: The values supported column shall be filled in by the supplier of the implementation. In this column, the values or the ranges of values supported by the implementation shall be indicated.

Prerequisite line: A prerequisite line takes the form: Prerequisite: <predicate>.

A prerequisite line before a clause or table title indicates that the whole clause or the whole table is not required to be completed if the predicate is FALSE.

B.1.2   Instructions for completing the Profile specific ICS

The supplier of the implementation shall complete the Profile specific ICS proforma in each of the spaces provided using the notation described in subclause B.1.1. Specific instruction is provided in the text which precedes each table.

B.2   Identification of the implementation

B.2.1   Date of statement

The supplier of the implementation shall enter the date of this statement in the box below.

Table B.1: Date of statement

Date of statement		
Day	**Month**	**Year**

B.2.2   Identification of the implementation

The supplier of the implementation shall enter information necessary to uniquely identify the implementation and the system(s) in which it may reside, in the box below.

Table B.2: Identification of implementation

Identification of implementation	
Name of Implementation	
Name of System	International Portable Equipment Identity (IPEI):

B.2.3   Contact person

The supplier of the implementation shall provide information on whom to contact if there are any queries concerning the content of the ICS, in the box below.

Table B.3: Contact person identification

Contact person	
Name	
Address	
Phone No.	
Fax No.	

B.2.4   Relationship with the System Conformance Statement (SCS)

The supplier of the implementation shall provide information which describes the relationship between the Profile ICS and the SCS for the system, in the box below.

Table B.4: Relationship with SCS

B.3   Identification of the profile

The supplier of the implementation shall enter the title, reference number and date of the publication of the ETS DECT Profile specification to which conformance is claimed, in the box below.

Table B.5: Identification of protocol

Identification of profile	
Title of specification	
Reference no.	
Date of Publication	

B.3.1   Defect report numbers and amendments implemented

The supplier of the implementation shall enter the reference number of implementation defect reports or corresponding amendment documents which modify the specification to ETS 300 370 [4], in the box below.

Table B.6: Defect report and amendments number

Modification of specification	
Defect report no.	**Amendment no.**

B.3.2   Addenda implemented

The supplier of the implementation shall enter the titles and the reference number of implemented addenda to ETS 300 370 [4], in the box below.

Table B.7: Addenda implemented

Addenda implemented	
Title	**Reference no.**

B.4   Global statement of conformance

The supplier of the implementation shall state whether of not all mandatory capabilities are implemented for ETS 300 370 [4].

Table B.8   Global statement of conformance

Are all mandatory capabilities implemented?	

NOTE: Answering "No" to this question indicates non-conformance to the protocol specification. Non-supported mandatory capabilities are to be identified in the ICS, with an explanation of why the implementation is non-conforming.

B.5 Capabilities

B.5.1 NWK Profile-specific ICS proforma for PT

B.5.1.1 General requirements

The supplier of the implementation shall state the support of the implementation for all of the following general requirements as specified in ETS 300 370 [4].

Table B.9: General requirements supported

Item	Requirement	Profile reference	Profile status ARI-D	Support
1	Basic interworking rules	5.4.2	m	
2			m	
3	Exception handling	6.1.5	m	
4	Connection type definitions	7.1	m	

Table B.10: Broadcast attribute coding supported

Item	Broadcast attribute coding	Profile reference	Profile status ARI-D	Profile value ARI-D allowed
1	a32 - ADPCM/G.721 Voice service	5.4.4	m	'1'B
2	a33 - GAP and/or PAP basic speech	5.4.4	m	'0'B
3	a34 - Non-voice circuit switched service	5.4.4	i	i
4	a35 - Non-voice packet switched service	5.4.4	i	i
5	a36 - Standard authentication required	5.4.4	i	i
6	a37 - Standard ciphering supported	5.4.4	m	"1'B
7	a38 - Location registration supported	5.4.4	m	'1'B
8	a39 - SIM services available	5.4.4	m	'1'B
9	a40 - Non-static Fixed Part (FP)	5.4.4	i	i
10	a41 - CISS services available	5.4.4	i	i
11	a42 - CLMS service available	5.4.4	i	i
12	a43 - COMS service available	5.4.4	i	i
13	a44 - Access rights requests supported	5.4.4	m	'0'B
14	a45 - External handover supported	5.4.4	m	not applicable
15	a46 - Connection handover supported	5.4.4	m	'0'B, '1'B
16	a47 - Reserved	5.4.4	i	i

B.5.1.2 Procedures

The supplier of the implementation shall state the support of the implementation for all of the following procedures as specified in ETS 300 370 [4].

Table B.11: DECT/GSM specific procedures supported

Item	Procedures	Profile reference	Profile status ARI-D	Support
1	IWU Authentication of PP	6.3.2.1	m	
2	IWU Identity of PP	6.3.2.2	m	
3	IWU Location registration	6.3.2.3	m	
4	IWU Detach	6.3.2.4	m	
5	IWU Temporary identity assignment	6.3.2.5	m	
6	IWU Ciphering	6.3.2.6	m	
7	IWU External handover	6.3.2.7	not applicable	
8	IWU paging	6.3.3	m	
9	Derivation of DECT DCK	Annex A	m	
10	Deletion of the GSM Kc, CKSN, TMSI and LAI	Annex B	m	

B.5.1.3 Multi-keypad

When the PP is associated with ARI class-D, ETS 300 474-1 [9] tables A.76 to A.83 inclusive are not applicable.

B.5.1.4 Mapping

The supplier of the implementation shall state the support of the implementation for all of the mappings requirements as specified in ETS 300 370 [4].

B.5.1.4.1 Information elements and fields

The supplier of the implementation shall state whether the implementation supports the mapping to the DAM GA of the following information elements and information element fields.

Table B.12: Information element/field mapping to DAM GA Elementary Files (EF) supported

Item	DECT information element/field	DAM GA Element	DAM EF	Profile reference	Profile status ARI-D	Support
1	<<Portable identity>> (IPUI type R)	IMSI	EF IMSI	6.3.5	m	
2	<<NWK assigned identity>>	TMSI	EF LOCI	6.3.5	m	
3	<<Location area>> <ELI information>	Location Area identification	EF LOCI	6.3.5	m	
4	<<Cipher info>> <Cipher key number>	Cipher key sequence number	EF Kc	6.3.5	m	
5	-	Cipher key Kc	EF Kc	6.3.5	m	
6	ARI class-D (forbidden)	PLMN (forbidden)	EF FPLMN	6.3.5	m	

History

Document history		
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