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First Edition

Radio Equipment and Systems (RES);
Digital Enhanced Cordless Telecommunications/
Integrated Services Digital Network (DECT/ISDN)
interworking for end system configuration;
Profile Implementation Conformance Statement (ICS);
Part 2: Fixed radio Termination (FT)

ETSI

European Telecommunications Standards Institute

ETSI Secretariat

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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.

This ETS comprises two parts:

Part 1: "Portable radio Termination (PT)".

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

Annex A of this ETS contains the System Conformance Statement (SCS) proforma for the DECT FT ISDN Aaccess Profile (IAP).

Annex B of this ETS contains the requirement lists for the DECT FT IAP.

Annex C of this ETS contains the specific ICS proforma for the DECT FT IAP.

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 Implementation Conformance Statement (Profile ICS) proforma for the Digital Enhanced Cordless Telecommunications DECT/ISDN inter-working for end system configuration Profile at the Fixed Termination as defined in ETS 300 434-1 ETS 300 434-1 [10], and ETS 300 434-2 [11] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [18].

The supplier of an implementation which is claimed to conform to ETS 300 434-1 [10] and ETS 300 434-2 [11] is required to complete a copy of the PICS proforma ETS 300 476 parts 4, 5, 6 and 7 [12], [13], [14] and [15], with the replacements provided by the requirement lists given in annex B of this ETS, as well as a copy of the specific ICS proforma provided in the annex C of this ETS.

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 Digital European Cordless Telecommunications Common Interface Part 1: Overview".

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

[3]   ETS 300 175-3 (1992): "Radio Equipment and Systems Digital European Cordless Telecommunications Common Interface Part 3: Medium Access Control Layer".

[4]   ETS 300 175-4 (1992): "Radio Equipment and Systems Digital European Cordless Telecommunications Common Interface Part 4: Data Link Control Layer".

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

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

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

[8]   ETS 300 175-8 (1992): "Radio Equipment and Systems Digital European Cordless Telecommunications Common Interface Part 8: Speech Coding and Transmission".

[9]   ETS 300 175-9 (1992): "Radio Equipment and Systems Digital European Cordless Telecommunications Common Interface Part 9: Public Access Profile".

[10]   ETS 300 434-1: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) and Integrated Services Digital Network (ISDN) interworking for end system configuration Part 1: Interworking specification".

[11]   ETS 300 434-2: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) DECT/ISDN Interworking for End System Part 2: Access Profile".

[12]   ETS 300 476-4: "Radio Equipment and Systems; Digital European Cordless Telecommunications (DECT), Common Interface, Protocol Implementation Conformance Statement (PICS), Network layer - Fixed Termination (FT)".

[13]   ETS 300 476-5 (1995): "Radio Equipment and Systems; Digital European Cordless Telecommunications (DECT), Common Interface, Protocol Implementation Conformance Statement (PICS), Data Link Control layer - Fixed Termination (FT)".

[14]   ETS 300 476-6 (1995): "Radio Equipment and Systems; Digital European Cordless Telecommunications (DECT), Common Interface, Protocol Implementation Conformance Statement (PICS), Medium Access Control layer - Fixed Termination (FT)".

[15]   ETS 300 476-7 (1995): "Radio Equipment and Systems; Digital European Cordless Telecommunications (DECT), Common Interface, Protocol Implementation Conformance Statement (PICS), Physical layer".

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

[17]   ISO/IEC 9646-6 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework -Part 6: Protocol Profile Test Specification".

[18]   ISO/IEC 9646-7 (1992): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework -Part 7: Implementation Conformance Statements (Working draft for CD 9646-7)".

[19]   ETS 300 406 (1994): "Methods for Testing and Specification (MTS); Protocol and profile conformance testing specifications Standardisation methodology".

[20]   ETS 300 403-1: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) User-network interface layer 3 - Specifications for basic call control".

[21]   ETS 300 403-3: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) User-network interface layer 3 specification for basic call control Part 3: Protocol Implementation Conformance Statement (PICS) proforma".

[22]   ETS 300 402-2: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) User-network interface data link layer Part 2: General application protocol specification".

[23]   ETS 300 402-4: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) User-network interface data link layer Part 4: General application protocol Protocol Implementation Conformance Statement (PICS) proforma".

[24]   ETS 300 011 (1992): "Integrated Services Digital Network (ISDN); Primary rate user-network interface; Layer 1 specification and test principles".

[25]   ETS 300 011/A2: "Integrated Services Digital Network (ISDN); Primary rate user-network interface; Layer 1 specification and test principles" (Amendment 2).

[26]   ETS 300 012 (1992): "Integrated Services Digital Network (ISDN); Basic user-network interface; Layer 1 specification and test principles".

[27]   ETS 300 012/A2: "Integrated Services Digital Network (ISDN); Basic user-network interface; Layer 1 specification and test principles" (Amendment 2).

[28]   ETS 300 196-1: "Integrated Services Digital Network (ISDN) Generic functional protocol for the support of supplementary services - Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[29]   ETS 300 196-2: "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

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 [18];

b)   the definitions in ETS 300 434-1 [10] and ETS 300 434-2 [11]; and

c)   the following terms defined in ISO/IEC 9646-1 [16]:

-        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 [16], the abbreviations defined in ETS 300 434-1 [10] and ETS 300 434-2 [11] apply.

4   Conformance requirement concerning Profile ICS

The supplier of a protocol implementation which is claimed to conform to the Fixed Termination specific requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] shall:

-        verify that his protocol implementation meets the Profile Requirements Lists (Profile RLs) for each DECT protocol layer, contained in annex B of this ETS;

-        complete a copy of the Profile specific ICS proforma provided in annex C;

-        complete a copy of the System Conformance Statement (SCS) proforma provided in annex A; and

-        provide the information necessary to identify both the supplier and the implementation.

Tables 1 and 2 provide guidance to indicate how to fulfil the PICS proforma required for the profile.

Table 1: DECT PICS proforma table

PICS	Tables	Change
ETS 300 476-4 [12]	A.12	Status colunm updated by RL subclause B.2.1.1
	A.13 to A.16	Status colunm updated by RL subclause B.2.1.2
	A.18 to A.20	Status colunm updated by RL subclause B.2.1.3
	A.23 to A.24	Status colunm updated by RL subclause B.2.1.3
	A.25 to A.26	Status colunm updated by RL subclause B.2.1.4.1
	A.51 to A.55	Status colunm updated by RL subclause B.2.1.4.2
	A.58	Status colunm updated by RL subclause B.2.1.4.2
	A.61 to A.71	Status colunm updated by RL subclause B.2.1.4.2
	A.73 to A.74	Status colunm updated by RL subclause B.2.1.4.2
	A.76 to A.78	Status colunm updated by RL subclause B.2.1.4.2
	A.82	Status colunm updated by RL subclause B.2.1.4.2
	A.85	Status colunm updated by RL subclause B.2.1.4.2
	A.86 to A.87	Status colunm updated by RL subclause B.2.1.4.3
	A.126 to A.129	Status colunm updated by RL subclause B.2.1.4.4
	A.27 to A.41	Tables remplaced by annex D subclause D.2
	A.88 to A.89	Tables remplaced by annex D subclause D.2
	A.95	Tables remplaced by annex D subclause D.2
	A.101 to A.105	Tables remplaced by annex D subclause D.2
	A.209	Tables remplaced by annex D subclause D.3
	A.258	Tables remplaced by annex D subclause D.3
	A.285	Tables remplaced by annex D subclause D.3
	A.314	Tables remplaced by annex D subclause D.4
	All other tables	Unchanged
ETS 300 476-5 [13]	A.9 to A.12	Status colunm updated by RL subclause B.2.2.1
	A.13 to A.14	Status colunm updated by RL subclause B.2.2.2
	A.16 to A.17	Status colunm updated by RL subclause B.2.2.2
	A.28 to A.29	Status colunm updated by RL subclause B.2.2.2
	A.32	Status colunm updated by RL subclause B.2.2.2
	A.38	Status colunm updated by RL subclause B.2.2.3
	A.54	Status colunm updated by RL subclause B.2.2.4
	All other tables	Unchanged
ETS 300 476-6 [14]	A.9 to A.12	Status colunm updated by RL subclause B.2.3.1
	A.14 to A.15	Status colunm updated by RL subclause B.2.3.1
	A.19 to A.25	Status colunm updated by RL subclause B.2.3.1
	A.26 to A.28	Status colunm updated by RL subclause B.2.3.2
	A.30 to A.33	Status colunm updated by RL subclause B.2.3.2
	A.36 to A.37	Status colunm updated by RL subclause B.2.3.2
	A.38 to A.39	Status colunm updated by RL subclause B.2.3.3
	A.50 to A.51	Status colunm updated by RL subclause B.2.3.4
	A.57 to A.60	Status colunm updated by RL subclause B.2.3.4
	A.69 to A.70	Status colunm updated by RL subclause B.2.3.4
	A.88	Status colunm updated by RL subclause B.2.3.5
	All other tables	Unchanged
ETS 300 476-7 [15]	A.15	Status colunm updated by RL subclause B.2.4
	All other tables	Unchanged

Table 2: ISDN PICS proforma table

PICS	Tables	Change
ETS 300 403-3 [21]	All tables	Unchanged
ETS 300 402-4 [23]	All tables	Unchanged
ETS 300 011/A2 [25]	All tables	Unchanged
ETS 300 012/A2 [27]	All tables	Unchanged
ETS 300 196-2 [29]	All tables	Unchanged

Annex A (normative): System Conformance Statement (SCS) proforma for DECT FT IAP

Notwithstanding the provisions of the copyright clause related to the text of this ETS, ETSI grants that users of this ETS may freely reproduce the SCS proforma in this annex so that it can be used for its intended purposes and may further publish the completed SCS.

A.1 Identification

A.1.1 Description of the system

Table A.1: Description of the system

Product name:	
Hardware version number:	
Software version number:	
CPU Type:	
Bus-System:	
Operating System Name:	
Operating System version number:	
Additional:	

A.1.2 Supplier of the system

Table A.2: Supplier of the system

Company:	
Street:	
Postal Code / City:	
Country:	

A.1.3 Client identification

If different from the supplier.

Table A.3: Client identification

Company:	
Street:	
Postal Code / City:	
Country:	

A.1.4 Contact person identification

Table A.4: Contact person identification

Name:	
Telephone:	
Fax:	
Telex:	
E-Mail:	

A.1.5 Signature of the client or of the supplier

Table A.5: Signature of the client or of the supplier

Name:	
Position:	
Signature:	
Date:	

A.2   Protocol identification

This table identifies the protocols that have to be supported. The PCTR Reference column may be used to refer to any PCTR that have been obtained for these protocols in this system.

Table A.6: Protocol identification

Item	Protocol name	Specification reference	PICS reference	PCTR reference
Pr1	ISDN L3 layer	ETS 300 403-1 [20]	ETS 300 403-3 [21]	
Pr2	ISDN L2 layer	ETS 300 402-2 [22]	ETS 300 402-4 [23]	
Pr3	ISDN L1 layer	ETS 300 011 [24] ETS 300 012 [26]	ETS 300 011/A2 [25] ETS 300 012/A2 [27]	
Pr4	ISDN Generic Functional	ETS 300 196 [28]	ETS 300 196-2 [29]	
Pr5	DECT NWK layer	ETS 300 175-5 [5]	ETS 300 476-4 [12]	
Pr6	DECT DLC layer	ETS 300 175-4 [4]	ETS 300 476-5 [13]	
Pr7	DECT MAC layer	ETS 300 175-3 [3]	ETS 300 476-6 [14]	
Pr8	DECT PH layer	ETS 300 175-2 [2]	ETS 300 476-7 [15]	

A.3   Profile identification

This table identifies the profiles that have to be supported. The SCTR Reference column may be used to refer to any SCTR that have been obtained for these profiles in this system.

Table A.7: Profile identification

Item	Profile identifier	Specification reference	Profile specific ICS reference	SCTR reference
Po1	Generic Access Profile (GAP)	ETS 300 444	ETS 300 474	
Po2	ISDN Access Profile (IAP)	ETS 300 434	DE/RES-03045	

A.4   Combination description table

This clause identifies which combinations of protocols are allowed cause of supporting these profiles, and which combinations not covered by the profile are also supported.

Table A.8: Combination table

Item	Profile	Protocol
c1	Po1	Pr5, Pr6, Pr7, Pr8
c2	Po2	Po1, Pr1, Pr2, Pr3, Pr4

A.5   Configurability table

This clause identifies what kind of configuration or reconfiguration is needed in order to use each of the identified combinations.

Table A.9: Configurability table

Combination	Available always?	Available by dynamic reconfiguration?	Available by static reconfiguration?
c1			
c2			

A.6   Additional information

Any additional information which is relevant for the product may be given here (e.g. information that is needed for further certification: quality system used, available certificates, etc.).
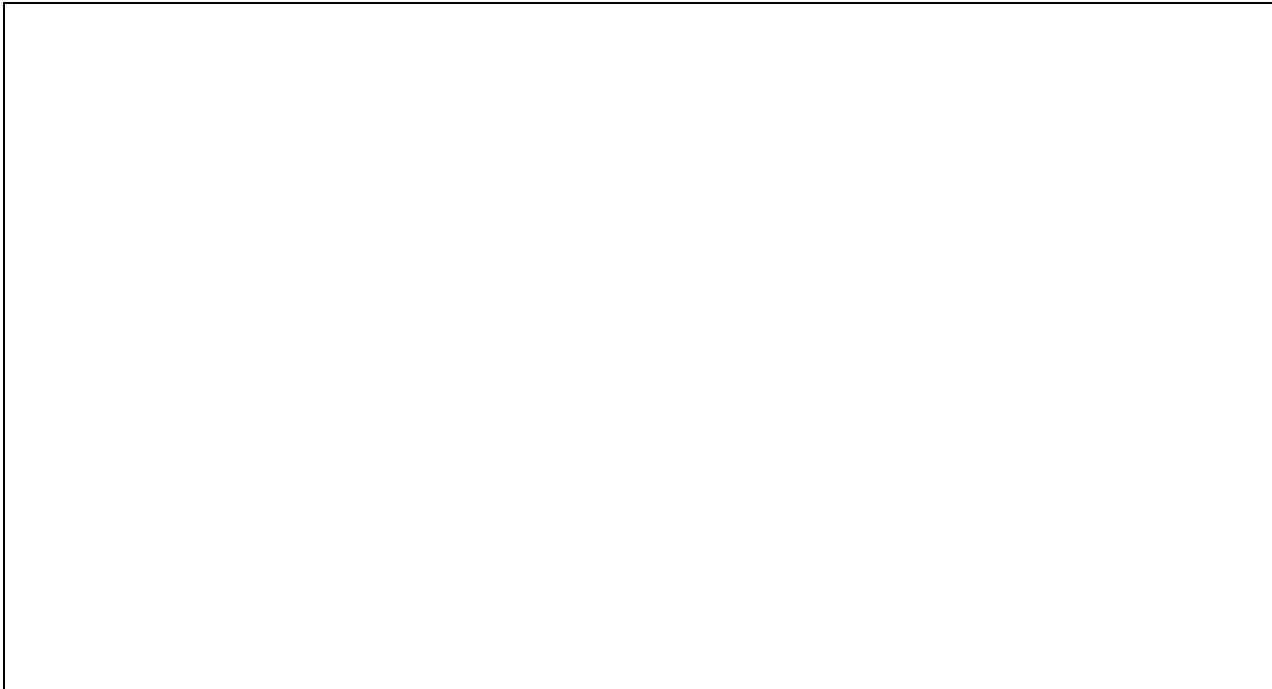
Annex B (normative): Requirement lists for DECT FT IAP

B.1 General

The supplier of a protocol implementation which is claimed to conform to the FT specific requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] shall verify that his particular (NWK, DLC, MAC and PHL) layer protocol implementation meets the Profile RL for this layer. For this, he shall complete a copy of the corresponding layer PICS proforma contained in annex A of ETS 300 476 parts 4, 5, 6 and 7 [12], [13], [14], and [15] updated with the requirements from this annex.

B.1.1 Profile Requirement List (Profile RL)

The profile requirement list (profile RL) for the NWK, DLC, MAC and PHL layers as defined in this annex is based on ETS 300 476 Parts 4, 5, 6 and 7 [12], [13], [14] and [15]. For every capability listed in ETS 300 476 Parts 4, 5, 6 and 7 [12], [13], [14] and [15], the profile requirements are expressed by restriction upon allowed support answers in ETS 300 476 Parts 4, 5, 6 and 7 [12], [13], [14] and [15]. The Profile RL is produced by copying selected tables from ETS 300 476 Parts 4, 5, 6 and 7 [12], [13], [14] and [15], 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. The tables are referenced by preceding it with the relevant reference standard.

Profile status column

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 300 434-1 [10] or ETS 300 434-2 [11] stated by using the reference standard preceding the number of the subclause, except where explicitly stated otherwise.

B.1.2 General conditions

Table B.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 300 476 Parts 4, 5, 6 and 7 [12], [13], [14] and [15]. The item has been included as the Profile reference column include reference to the profile that describes the item more in details.

B.2 Requirement lists on DECT protocols

B.2.1 Requirement list on DECT NWK layer

B.2.1.1 Network entities

To express the profile requirements of ETS 300 434-1 [10] or ETS 300 434-2 [11], the following table indicates the change of status for support of entities.

Table B.2: ETS 300 476-4 [12] Table A.12 Entity

Item	Entity name	Profile reference	Profile status
1	Call control (CC)	ETS 300 434-1 [10], 5.2.4.1	m
2	Call Independent Supplementary Services (CISS)	ETS 300 434-1 [10], 5.2.4.1	o
3	Connection oriented message services (COMS)	GAP	i
4	Connectionless message services (CLMS)	GAP	i
5	Mobility management (MM)	GAP	m
6	Link control entity (LCE)	ETS 300 434-2 [11], 5.2	m
7	Management (LLME)	GAP	m

B.2.1.2   Network features

B.2.1.2.1   CC features

To express the profile requirements of ETS 300 434-1 [10] or ETS 300 434-2 [11], the following table indicates the change of status for support of features.

Table B.3: ETS 300 476-4 [12] Table A.13 CC features

Item	Feature name	Profile reference	Profile status
1	Bell off (Alerting)	GAP	m
2	Bell on (Alerting)	GAP	m
3	Control of supervisory tones	ETS 300 434-2 [11], 4.1.9	o
4	Dial tone detection indication	GAP	i
5	Dialled digits (basic)	ETS 300 434-2 [11], 4.1.5	m
6	Dialled digits additional	ETS 300 434-2 [11], 4.1.6	o
7	Dialling delimiter	ETS 300 434-2 [11], 4.1.7	o
8	Dialling delimiter request	GAP	i
9	Display control characters	GAP	o
10	Emergency service access request	GAP	i
11	External Handover (inter-cell)	GAP	i
12	Fixed part/portable part capability exchange	GAP	i
13	Go to DTMF (infinite tone length)	GAP	o
14	Go to DTMF signalling (defined tone length)	GAP	m
15	Go to Pulse	GAP	o
16	Group address	GAP	i
17	Incoming call	ETS 300 434-2 [11], 4.1.8	m
18	Internal call	GAP	o
19	Off hook	ETS 300 434-2 [11], 4.1.3	m
20	On hook (full release)	ETS 300 434-2 [11], 4.1.4	m
21	Outgoing call	GAP	m
22	Packet mode	GAP	i
23	Partial release	GAP	o
24	Pause (dialling pause)	GAP	m
25	Register recall	GAP	m
26	Signalling of display characters	ETS 300 434-2 [11], 4.1.10	o
27	Selection of bearer service	ETS 300 434-2 [11], 4.1.12	m
28	Service call	GAP	o
29	Service change	GAP	i

B.2.1.2.2 MM features

To express the profile requirements of ETS 300 434-1 [10] or ETS 300 434-2 [11], the following table indicates the change of status for support of MM features.

Table B.4: ETS 300 476-4 [12] Table A.14 MM features

Item	Feature name	Profile ref.	Profile status
1	Authentication of FT	GAP	o
2	Authentication of PT	GAP	m
3	Authentication of user	GAP	m
4	Encryption activation FT initiated	GAP	m
5	Encryption activation PT initiated	GAP	o
6	Encryption deactivation FT initiated	GAP	o
7	Encryption deactivation PT initiated	GAP	o
8	Identification of PP	GAP	m
9	Inter-operator roaming registration	GAP	i
10	Location de-registration	GAP	i
11	Location registration	GAP	m
12	Multiple subscription registration	GAP	m
13	On air key allocation	GAP	m
14	Service class indication/assignment	GAP	m
15	Silent polling	GAP	i
16	Subscription registration procedure on-air	GAP	m
17	Subscription registration user procedure with DECT authentication module	GAP	i
18	Subscription registration user procedures keypad (digit entry only)	GAP	i
19	Terminate access rights FT initiated	GAP	m
20	Terminate access rights PT initiated	GAP	i
21	ZAP	GAP	m
22	MM Partial release (Link control)	GAP	m
23	Temporary identity assign	GAP	i

B.2.1.2.3 SS features (services)

To express the profile requirements of ETS 300 434-1 [10] or ETS 300 434-2 [11], the following table indicates the change of status for support of supplementary services.

Table B.5: ETS 300 476-4 [12] Table A.15 SS features (services)

Item	Feature name	Profile ref.	Profile status
1	Advice of charge (AOC)	ETS 300 434-2 [11], 4.1.27	o
2	Advice of tariff request	GAP	i
3	Call Deflection (CD)	ETS 300 434-2 [11], 4.1.31	o
4	Call Forwarding Busy (CFB)	ETS 300 434-2 [11], 4.1.39	o
5	Call Forwarding No Reply (CFNR)	ETS 300 434-2 [11], 4.1.39	o
6	Call Forwarding Unconditional (CFU)	ETS 300 434-2 [11], 4.1.39	o
7	Call Waiting (CW)	ETS 300 434-2 [11], 4.1.24	o
8	Calling Line Identification Presentation (CLIP)	ETS 300 434-2 [11], 4.1.17	o
9	Calling Line Identification Restriction (CLIR)	ETS 300 434-2 [11], 4.1.18	o
10	Closed User Group (CUG)	ETS 300 434-2 [11], 4.1.26	o
11	Completion of Calls to Busy Subscriber (CCBS)	ETS 300 434-2 [11], 4.1.36	o
12	Call Hold(CH)	ETS 300 434-2 [11], 4.1.25	o
13	CONFerence call add-on (CONF)	ETS 300 434-2 [11], 4.1.29	o
14	COnnected Line identification Presentation (COLP)	ETS 300 434-2 [11], 4.1.19	o
15	COnnected Line identification Restriction (COLR)	ETS 300 434-2 [11], 4.1.20	o
16	Control of echo control functions	GAP	i
18	Credit agency public access service	GAP	i
17	Cost information	GAP	i
19	Credit public access service	GAP	i
20	Debit public access service	GAP	i
21	Direct Dialling In (DDI)	ETS 300 434-2 [11], 4.1.22	o
22	Explicit Call Transfer (ECT)	ETS 300 434-2 [11], 4.1.35	o
23	Forced re-connection of held call	GAP	i
24	FreePHone (FPH)	ETS 300 434-2 [11], 4.1.37	o
25	Hold call (FT to PT)	GAP	i
26	Hold call (PT to FT)	ETS 300 434-2 [11], 4.1.14	o
27	Indication of teleservice available request	GAP	i
28	Indication of teleservices available	GAP	i
29	Malicious Call Identification (MCID)	ETS 300 434-2 [11], 4.1.28	o

(continued)

Table B.5 (concluded): ETS 300 476-4 [12] Table A.15 SS features (services)

Item	Feature name	Profile ref.	Profile status
30	Multiple Subscriber Number (MSN)	ETS 300 434-2 [11], 4.1.21	o
31	On-demand (hot bill) public access service- CRSS	GAP	i
32	Queue management	GAP	i
33	Re-connection of held call (FT to PT)	GAP	i
34	Re-connection of held call (PT to FT)	ETS 300 434-2 [11], 4.1.39	o
35	Request for indication of temporary subscriber number- CRSS	GAP	i
36	Selection of required teleservice	ETS 300 434-2 [11], 4.1.11	o
37	Single step Call Transfer (SCT)	GAP	i
38	Specific trunk carrier selection	GAP	i
39	SUBaddressing (SUB)	ETS 300 434-2 [11], 4.1.23	o
40	Terminal Portability (TP)	ETS 300 434-1 [10], 5.2.2.5.8	i
41	Tree ParTY (3TPY)	ETS 300 434-2 [11], 4.1.30	o
42	User to User Signalling UUS	ETS 300 434-2 [11], 4.1.32, 4.1.33, 4.1.34	o
43	CISS Partial release	GAP	i
44	Feature key	GAP	i
45	Indication of subscriber number	GAP	i
46	Register recall	GAP	i
47	Specific line selection	GAP	i
48	External handover switch	GAP	i

B.2.1.2.4   LCE features

To express the profile requirements of ETS 300 434-1 [10] or ETS 300 434-2 [11], the following table indicates the change of status for support of LCE features.

Table B.6: ETS 300 476-4 [12] Table A.16 LCE features

Item	Feature name	Profile reference	Profile status
1	Connection oriented Link control (Link control)	ETS 300 434-2 [11], 5.2	m
2	Connectionless oriented Link control	GAP	i

B.2.1.3 Procedures

To express the profile requirements of ETS 300 434-1 [10] or ETS 300 434-2 [11], the following table indicates the change of status for support of the procedures.

Table B.7: ETS 300 476-4 [12] Table A.18 CC procedures

Item	Procedure name	Profile reference	Profile status
1	cc_outgoing_normal_call_request	ETS 300 434-2 [11], 5.2	m
4	cc_outgoing_selection_of_lower_layer_resources	GAP	i
5	cc_outgoing_connection_of_U_plane	ETS 300 434-2 [11], 5.2	m
6	cc_outgoing_overlap_sending	GAP ETS 300 434-2 [11], 5.2	m
7	cc_outgoing_call_proceeding	ETS 300 434-2 [11], 5.2	m
8	cc_outgoing_call_confirmation	ETS 300 434-2 [11], 5.2	m
9	cc_outgoing_call_connection	ETS 300 434-2 [11], 5.2	m
10	cc_incoming_call_request	GAP	m
11	cc_incoming_selection_of_lower_layer_resources	GAP	i
12	cc_incoming_connection_of_U_plane	ETS 300 434-2 [11], 5.2	m
13	cc_incoming_overlap_receiving	GAP	i
14	cc_incoming_call_proceeding	GAP	i
15	cc_incoming_call_confirmation	GAP ETS 300 434-2 [11], 5.2	m
16	cc_incoming_call_connection	ETS 300 434-2 [11], 5.2	m
17	cc_sending_terminal_capability	ETS 300 434-2 [11], 5.2	o
18	cc_sending_keypad_info	GAP	m
19	cc_call_information	GAP ETS 300 434-2 [11], 5.2	m
20	cc_normal_call_release	ETS 300 434-2 [11], 5.2	m
21	cc_partial_release	GAP	see table B.1
22	cc_abnormal_call_release	ETS 300 434-2 [11], 5.2	m
23	cc_release_collisions	ETS 300 434-2 [11], 5.2	m
31	cc_timer_p_cc_02_mgt	GAP	m
32	cc_timer_p_cc_03_mgt	ETS 300 434-2 [11], 5.2	m
33	cc_timer_p_cc_04_mgt	ETS 300 434-2 [11], 5.2	see table B.1
34	cc_timer_p_cc_05_mgt	GAP	m
35	cc_internal_call_setup	GAP	see table B.1
36	cc_service_call_setup	GAP	see table B.1
38	cc_service_call_keypad	GAP	see table B.1
39	cc_internal_call_keypad	GAP	see table B.1
40	pt_alerting	GAP	m
41	display	GAP	see table B.1

Table B.8: ETS 300 476-4 [12] Table A.19 MM procedures

Item	Procedure name	Profile reference	Profile status
1	mm_identification_of_pt	GAP	m
2	mm_temporary_identity_assignment	GAP	i
3	mm_authentication_of_pt	GAP	m
4	mm_authentication_of_user	GAP	m
5	mm_authentication_of_ft	GAP	see table B.1
6	mm_location_registration	GAP	m
8	mm_location_update	GAP	m
9	mm_obtain_access_rights	GAP	m
10	mm_pt_init_terminate_access_rights	GAP	i
11	mm_ft_init_terminate_access_rights	GAP	m
12	mm_key_allocation	GAP	m
13	mm_pt_init_parameter_retrieval	GAP	i
14	mm_ft_init_parameter_retrieval	GAP	i
15	mm_pt_init_cipher_switching	GAP	see table B.1
16	mm_ft_init_cipher_switching	GAP	m
17	mm_zap_increment	GAP	m
18	mm_dck_storing	GAP	m
19	mm_dck_sending	GAP	i
20	mm_service_class_mgt	GAP	m
21	mm_partial_release	GAP	m
23	mm_timer_p_mm_access_1_mgt	GAP	m
24	mm_timer_p_mm_access_2_mgt	GAP	i
25	mm_timer_p_mm_auth_1_mgt	GAP	m
26	mm_timer_p_mm_cipher_2_mgt	GAP	see table B.1
27	mm_timer_p_mm_locate_1_mgt	GAP	m
28	mm_timer_p_mm_wait_mgt	GAP	i

Table B.9: ETS 300 476-4 [12] Table A.20 SS protocols

Item	SS protocol name	Profile reference	Profile status
1	crss_keypad_protocol	GAP ETS 300 434-1 [10], 5.2.2.1	m
2	crss_feature_key_mgt_protocol	GAP	i
3	crss_functional_protocol_smc	ETS 300 434-1 [10], 5.2.2.3	m
4	ciss_keypad_protocol	ETS 300 434-1 [10], 5.2.2.2	i
5	ciss_feature_key_mgt_protocol	GAP	i
6	ciss_partial_release	GAP	i
7	crss_functional_protocol_ciec	ETS 300 434-1 [10], 5.2.2.3	m
8	ciss_functional_protocol_ciec	ETS 300 434-1 [10], 5.2.2.4.1	o

Table B.10: ETS 300 476-4 [12] Table A.23 LCE procedures

Item	Procedure name	Profile reference	Profile status
1	lce_direct_pt_init_link_establishment	ETS 300 434-2 [11], 5.2	m
2	lce_indirect_ft_init_link_establishment	ETS 300 434-2 [11], 5.2	m
3	lce_direct_ft_init_link_establishment	ETS 300 434-2 [11], 5.2	o
4	lce_link_maintenance	ETS 300 434-2 [11], 5.2	m
5	lce_link_suspend	GAP	i
6	lce_link_resume	GAP	i
7	lce_link_release	ETS 300 434-2 [11], 5.2	m
8	lce_link_partial_release	GAP	m
9	lce_cl_message_routing	GAP	i
10	lce_cl_broadcast_announce	GAP	i
11	lce_timer_lce_01_mgt	GAP	m
12	lce_timer_lce_02_mgt	GAP	m
13	lce_timer_lce_04_mgt	GAP	i

Table B.11: ETS 300 476-4 [12] Table A.24 LLME procedures

Item	Procedure name	Profile reference	Profile status
1	mgt_prioritised_list_negotiation	GAP	i
2	mgt_exchanged_attribute_negotiation	GAP	i
3	mgt_operating_parameter_negotiation	GAP	i
4	mgt_service_modification	GAP	i
5	mgt_mm_procedures_prioriry_mgt	GAP	m
6	mgt_mm_cc_coexistance	GAP	m
7	mgt_mm_coms_coexistance	GAP	i
9	mgt_external_handover	GAP	i
10	mgt_test_call_back	GAP	i
11	mgt_test_hook_control	GAP	i
12	mgt_upper_tester	GAP	i

B.2.1.4 Messages

To express the profile requirements of ETS 300 434-1 [10] or ETS 300 434-2 [11], the following tables indicate the change of status for support of messages.

B.2.1.4.1 CC messages

Table B.12: ETS 300 476-4 [12] Table A.25 CC receiving (P to F) messages

Item	CC receiving (P to F) Message name	Profile reference	Profile status
1	CC-SETUP	ETS 300 434-1 [10], 5.2.4.2	m
2	CC-INFOrmation	ETS 300 434-1 [10], 5.2.4.2	m
5	CC-ALERTING	ETS 300 434-1 [10], 5.2.4.2	m
6	CC-CONNECT	ETS 300 434-1 [10], 5.2.4.2	m
8	CC-RELEASE	ETS 300 434-1 [10], 5.2.4.2	m
9	CC-RELEASE-COMplete	ETS 300 434-1 [10], 5.2.4.2	m
14	IWU-INFOrmation	ETS 300 434-1 [10], 5.2.4.2	i

Table B.13: ETS 300 476-4 [12] Table A.26 CC sending (F to P) messages

Item	CC sending (F to P) Message name	Profile reference	Profile status
1	CC-SETUP	ETS 300 434-1 [10], 5.2.4.1	m
2	CC-INFOrmation	ETS 300 434-1 [10], 5.2.4.1	m
3	CC-SETUP-ACKnowledge	ETS 300 434-1 [10], 5.2.4.1	m
4	CC-CALL-PROCeeding	ETS 300 434-1 [10], 5.2.4.1	m
5	CC-ALERTING	ETS 300 434-1 [10], 5.2.4.1	m
6	CC-CONNECT	ETS 300 434-1 [10], 5.2.4.1	m
7	CC-CONNECT-ACKnowledge	ETS 300 434-1 [10], 5.2.4.1	m
8	CC-RELEASE	ETS 300 434-1 [10], 5.2.4.1	m
9	CC-RELEASE-COMplete	ETS 300 434-1 [10], 5.2.4.1	m
13	CC-NOTIFY	GAP	m
14	IWU-INFOrmation	GAP	i

B.2.1.4.2 MM messages

Table B.14   ETS 300 476-4 [12] Table A.51 MM message receiving (P to F)

Item	MM message receiving (P to F) Information element name	Profile reference	Profile status
3	ACCESS-RIGHTS-REQUEST	GAP	m
4	ACCESS-RIGHTS-TERMINATE-ACCEPT	GAP	m
5	ACCESS-RIGHTS-TERMINATE-REJECT	GAP	m
6	ACCESS-RIGHTS-TERMINATE-REQUEST	GAP	i
7	AUTHENTICATION-REJECT	GAP	m
8	AUTHENTICATION-REPLY	GAP	m
9	AUTHENTICATION-REQUEST	GAP	m
10	CIPHER-REJECT	GAP	m
12	CIPHER-SUGGEST	GAP	see table B.1
13	DETACH	GAP	i
14	IDENTITY-REPLY	GAP	m
19	LOCATE-REQUEST	GAP	m
22	MM-INFO-REQUEST	GAP	i
25	TEMPORARY-IDENTITY-ASSIGN-ACKNOWLEDGE	GAP	m
26	TEMPORARY-IDENTITY-ASSIGN-REJECT	GAP	m

Table B.15: ETS 300 476-4 [12] Table A.52 MM message sending (F to P)

Item	MM message sending (F to P) Information element name	Profile reference	Profile status
1	ACCESS-RIGHTS-ACCEPT	GAP	m
2	ACCESS-RIGHTS-REJECT	GAP	m
4	ACCESS-RIGHTS-TERMINATE-ACCEPT	GAP	i
5	ACCESS-RIGHTS-TERMINATE-REJECT	GAP	i
6	ACCESS-RIGHTS-TERMINATE-REQUEST	GAP	m
7	AUTHENTICATE-REJECT	GAP	m
8	AUTHENTICATE-REPLY	GAP	m
9	AUTHENTICATE-REQUEST	GAP	m
10	CIPHER-REJECT	GAP	m
11	CIPHER-REQUEST	GAP	m
15	IDENTITY-REQUEST	GAP	m
16	KEY-ALLOCATE	GAP	m
17	LOCATE-ACCEPT	GAP	m
18	LOCATE-REJECT	GAP	m
20	MM-INFO-ACCEPT	GAP	i
21	MM-INFO-REJECT	GAP	i
23	MM-INFO-SUGGEST	GAP	m
24	TEMPORARY-IDENTITY-ASSIGN	GAP	i

Table B.16: ETS 300 476-4 [12] Table A.53 ACCESS-RIGHTS-ACCEPT sending (F to P)

Item	ACCESS-RIGHTS-ACCEPT sending (F to P) Information element name	Profile reference	Profile status
3	Repeat indicator "non-prioritised"	GAP	i
5	Fixed identity (PARK) 2	GAP	i
6	Fixed identity (PARK) 3	GAP	i
7	Fixed identity (PARK) 4	GAP	i
8	Fixed identity (PARK) 5	GAP	i
9	Location area	GAP	i
10	Auth-type	GAP	i
11	Cipher-info	GAP	i
12	ZAP field	GAP	m
13	Service class	GAP	m
14	IWU-to-IWU	GAP	i

Table B.17: ETS 300 476-4 [12] Table A.54 ACCESS-RIGHTS-REJECT sending (F to P)

Item	ACCESS-RIGHTS-REJECT sending (F to P) Information element name	Profile reference	Profile status
2	Reject reason	GAP	i
3	Duration	GAP	i

Table B.18: ETS 300 476-4 [12] Table A.55 ACCESS-RIGHTS-REQUEST receiving (P to F)

Item	ACCESS-RIGHTS-REQUEST receiving (P to F) Information element name	Profile reference	Profile status
3	Auth-type	GAP	m
4	Cipher-info	GAP	i
5	Terminal Capability	GAP	m
6	IWU-to-IWU	GAP	i

Table B.19: ETS 300 476-4 [12] Table A.58 ACCESS-RIGHTS-TERMINATE-REJECT receiving (P to F)

Item	ACCESS-RIGHTS-TERMINATE-REJECT receiving (P to F) Information element name	Profile reference	Profile status
2	Reject reason	GAP	i

Table B.20: ETS 300 476-4 [12] Table A.61 ACCESS-RIGHTS-TERMINATE-REQUEST sending (F to P)

Item	ACCESS-RIGHTS-TERMINATE-REQUEST sending (F to P) Information element name	Profile reference	Profile status
3	Repeat indicator "non-prioritised"	GAP	i
4	Fixed identity (PARK) 1	GAP	m
5	Fixed identity (PARK) 2	GAP	i
6	Fixed identity (PARK) 3	GAP	i
7	IWU-to-IWU	GAP	i

Table B.21: ETS 300 476-4 [12] Table A.62 AUTHENTICATE-REJECT receiving (P to F)

Item	AUTHENTICATE-REJECT receiving (P to F) Information element name	Profile reference	Profile status
2	Repeat indicator "prioritised"	GAP	i
3	Auth-type 1	GAP	i
4	Auth-type 2	GAP	i
5	Auth-type 3	GAP	i
6	Reject reason	GAP	i

Table B.22: ETS 300 476-4 [12] Table A.63 AUTHENTICATE-REJECT sending (F to P)

Item	AUTHENTICATE-REJECT sending (F to P) Information element name	Profile reference	Profile status
2	Repeat indicator "prioritised"	GAP	i
3	Auth-type 1	GAP	i
4	Auth-type 2	GAP	i
5	Auth-type 3	GAP	i
6	Reject reason	GAP	i

Table B.23: ETS 300 476-4 [12] Table A.64 AUTHENTICATE-REPLY receiving (P to F)

Item	AUTHENTICATE-REPLY receiving (P to F) Information element name	Profile reference	Profile status
4	ZAP field	GAP	see table B.1
5	Service class	GAP	see table B.1
6	Key	GAP	i
7	IWU-to-IWU	GAP	i

Table B.24: ETS 300 476-4 [12] Table A.65 AUTHENTICATE-REPLY sending (F to P)

Item	AUTHENTICATE-REPLY sending (F to P) Information element name	Profile reference	Profile status
7	IWU-to-IWU	GAP	i

Table B.25: ETS 300 476-4 [12] Table A.66 AUTHENTICATE-REQUEST receiving (P to F)

Item	AUTHENTICATE-REQUEST receiving (P to F) Information element name	Profile reference	Profile status
6	Cipher info	GAP	i
7	IWU-to-IWU	GAP	i

Table B.26: ETS 300 476-4 [12] Table A.67 AUTHENTICATE-REQUEST sending (F to P)

Item	AUTHENTICATE-REQUEST sending (F to P) Information element name	Profile reference	Profile status
6	Cipher info	GAP	i
7	IWU-to-IWU	GAP	i

Table B.27: ETS 300 476-4 [12] Table A.68 CIPHER-REJECT receiving (P to F)

Item	CIPHER-REJECT receiving (P to F) Information element name	Profile reference	Profile status
2	Repeat indicator "prioritised"	GAP	i
3	Cipher info 1	GAP	i
4	Cipher info 2	GAP	i
5	Cipher info 3	GAP	i
6	Reject reason	GAP	i

Table B.28: ETS 300 476-4 [12] Table A.69 CIPHER-REJECT sending (F to P)

Item	CIPHER-REJECT sending (F to P) Information element name	Profile reference	Profile status
2	Repeat indicator "prioritised"	GAP	i
3	Cipher info 1	GAP	i
4	Cipher info 2	GAP	i
5	Cipher info 3	GAP	i
6	Reject reason	GAP	i

Table B.29: ETS 300 476-4 [12] Table A.70 CIPHER-REQUEST sending (F to P)

Item	CIPHER-REQUEST sending (F to P) Information element name	Profile reference	Profile status
3	Call identity	GAP	i
4	Connection identity	GAP	i
5	IWU-to-IWU	GAP	i

Table B.30: ETS 300 476-4 [12] Table A.71 CIPHER-SUGGEST receiving (P to F)

Item	CIPHER-SUGGEST receiving (P to F) Information element name	Profile reference	Profile status
3	Call identity	GAP	i
4	Connection identity	GAP	i
5	IWU-to-IWU	GAP	i

Table B.31: ETS 300 476-4 [12] Table A.73 IDENTITY-REPLY receiving (P to F)

Item	IDENTITY-REPLY receiving (P to F) Information element name	Profile reference	Profile status
2	Repeat Indicator "non-prioritised"	GAP	i
3	Portable identity 1	GAP	m
4	Portable identity 2	GAP	i
5	Portable identity 3	GAP	i
6	Repeat Indicator "non-prioritised"	GAP	i
7	Fixed identity 1	GAP	m
8	Fixed identity 2	GAP	i
9	Fixed identity 3	GAP	i
10	Repeat Indicator "non-prioritised"	GAP	i
11	NWK assigned identity 1	GAP	i
12	NWK assigned identity 2	GAP	i
13	NWK assigned identity 3	GAP	i
14	IWU-to-IWU	GAP	i

Table B.32: ETS 300 476-4 [12] Table A.74 IDENTITY-REQUEST sending (F to P)

Item	IDENTITY-REQUEST sending (F to P) Information element name	Profile reference	Profile status
2	Repeat indicator	GAP	i
4	Identity type 2	GAP	i
5	Identity type 3	GAP	i
6	IWU-to-IWU	GAP	i

Table B.33: ETS 300 476-4 [12] Table A.76 LOCATE-ACCEPT sending (F to P)

Item	LOCATE-ACCEPT sending (F to P) Information element name	Profile reference	Profile status
4	NWK assigned identity	GAP	i
5	Duration	GAP	i
6	IWU-to-IWU	GAP	i

Table B.34: ETS 300 476-4 [12] Table A.77 LOCATE-REJECT sending (F to P)

Item	LOCATE-REJECT sending (F to P) Information element name	Profile reference	Profile status
2	Reject reason	GAP	i
3	Duration	GAP	i

Table B.35: ETS 300 476-4 [12] Table A.78 LOCATE-REQUEST receiving (P to F)

Item	LOCATE-REQUEST receiving (P to F) Information element name	Profile reference	Profile status
5	NWK assigned identity	GAP	i
6	Cipher info	GAP	i
7	Setup capability	GAP	i
8	Terminal capability	GAP	m
9	IWU-to-IWU	GAP	i

Table B.36: ETS 300 476-4 [12] Table A.82 MM-INFO-SUGGEST sending (F to P)

Item	MM-INFO-SUGGEST sending (F to P) Information element name	Profile reference	Profile status
3	Fixed identity	GAP	i
4	Location area	GAP	i
5	NWK assigned identity	GAP	i
6	Network parameter	GAP	i
7	IWU-to-IWU	GAP	i

Table B.37: ETS 300 476-4 [12] Table A.85 TEMPORARY-IDENTITY-ASSIGN-REJECT receiving (P to F)

Item	TEMPORARY-IDENTITY-ASSIGN-REJECT receiving (P to F) - Information element name	Profile reference	Profile status
2	Reject reason	GAP	i

B.2.1.4.3 CRSS and CISS messages

Table B.38: ETS 300 476-4 [12] Table A.86 CRSS & CISS messages receiving (P to F)

Item	CRSS & CISS messages receiving (P to F) Message name	Profile reference	Profile status
1	FACILITY	ETS 300 434-2 [11], 5.2.4.2	o
2	HOLD	ETS 300 434-2 [11], 5.2.4.2	c3801
3	HOLD-ACKnowledge	GAP	i
4	HOLD-REJECT	GAP	i
5	RETRIEVE	ETS 300 434-2 [11], 5.2.4.2	c3801
6	RETRIEVE-ACKnowledge	GAP	i
7	RETRIEVE-REJECT	GAP	i
8	CISS-REGISTER	ETS 300 434-2 [11], 5.2.4.2	o
9	CISS-RELEASE-COMplete	ETS 300 434-2 [11], 5.2.4.2	o

c3801: IF [12] Table A.15/12 THEN m ELSE o

Table B.39: ETS 300 476-4 [12] Table A.87 CRSS & CISS messages sending (F to P)

Item	CRSS & CISS messages sending (F to P) Message name	Profile reference	Profile status
1	FACILITY	ETS 300 434-2 [11], 5.2.4.1	o
2	HOLD	GAP	i
3	HOLD-ACKnowledge	ETS 300 434-2 [11], 5.2.4.1	c3901
4	HOLD-REJECT	ETS 300 434-2 [11], 5.2.4.1	c3901
5	RETRIEVE	GAP	i
6	RETRIEVE-ACKnowledge	ETS 300 434-2 [11], 5.2.4.1	c3901
7	RETRIEVE-REJECT	ETS 300 434-2 [11], 5.2.4.1	c3901
8	CISS-REGISTER	ETS 300 434-2 [11], 5.2.4.1	o
9	CISS-RELEASE-COMplete	ETS 300 434-2 [11], 5.2.4.1	o

c3901: IF [12] Table A.15/12 THEN m ELSE o

B.2.1.4.4 LCE messages

Table B.40: ETS 300 476-4 [12] Table A.126 LCE message receiving (P to F)

Item	LCE message receiving (P to F)	Profile reference	Profile status
1	LCE-PAGE-RESPONSE	ETS 300 434-1 [10], figure 22	m

Table B.41: ETS 300 476-4 [12] Table A.127 LCE message sending (F to P)

Item	LCE message sending (F to P)	Profile reference	Profile status
2	LCE-PAGE-REJECT	GAP	m
3	LCE-REQUEST-PAGE short	GAP ETS 300 434-1 [10], figure 22	m
4	LCE-REQUEST-PAGE long	ETS 300 434-1 [10], figure 22	m

Table B.42: ETS 300 476-4 [12] Table A.128 LCE-PAGE-RESPONSE receiving (P to F)

Item	LCE-PAGE-RESPONSE receiving (P to F) Information element name	Profile reference	Profile status
3	Fixed identity	GAP	m
4	NWK assigned identity	GAP	i
5	Cipher info	GAP	i

Table B.43: ETS 300 476-4 [12] Table A.129 LCE-PAGE-REJECT sending (F to P)

Item	LCE-PAGE-REJECT sending (F to P) Information element name	Profile reference	Profile status
4	Fixed identity	GAP	i
5	Reject reason	GAP	i

B.2.2 Requirement list on DECT DLC layer

B.2.2.1 Services

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of data link services.

Table B.44: ETS 300 476-5 [13] Table A.9 Data link services

Item	Data link services	Profile Ref.	Profile Status
1	C-plane services	ETS 300 434-1 [10], 5.2	m
2	U-plane services	ETS 300 434-1 [10], 5.4	m

B.2.2.1.1 C-plane services

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of C-plane services.

Table B.45: ETS 300 476-5 [13] Table A.10 C-plane services

Item	C-plane services	Profile Ref.	Profile Status
1	Class U service	GAP	i
2	Class A service	ETS 300 434-2 [11], 6.1.1	m
3	Class B service	GAP	i
4	Broadcast service	ETS 300 434-2 [11], 6.1.2	m

B.2.2.1.2 U-plane services

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of U-plane services.

Table B.46: ETS 300 476-5 [13] Table A.11 U-plane services

Item	U-plane services	Profile Ref.	Profile Status
1	LU1 - Transparent Unprotected service	GAP	m
2	LU2 - Frame Relay service (FREL)	GAP	i
3	LU3 - Frame Switching service (FSWI)	GAP	i
4	LU4 - Forward error correction service (FEC)	GAP	i
5	LU5 - Basic Rate Adaptation (BRAT) protected service	GAP	i
6	LU5 - Basic Rate Adaptation (BRAT) unprotected service	GAP	i
7	LU6 - Secondary Rate Adaptation service (SRAT)	GAP	i
8	LU7 - 64kbit/s data bearer service	ETS 300 434-2 [11], 6.2	c4601
9	LU16 - Escape for non-standard family (ESC)	GAP	i

c4601: IF C.9/3 THEN m ELSE o

B.2.2.1.3 Management services

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of management services.

Table B.47: ETS 300 476-5 [13] Table A.12 Management services

Item	Management services	Profile Ref.	Profile Status
4	Connection handover management (Intracell/intercell voluntary)	GAP	Intra-cell: m
		GAP	Inter-cell: m
5	Connection ciphering management (Encryption activation/deactivation)	GAP	Encryption activation: m
		GAP	Encryption deactivation: c4701

c4701: IF [12] A.14/5 OR [12] A.14/7 THEN m ELSE i

B.2.2.2 Procedures

B.2.2.2.1 Generic signalling procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of Generic signalling procedures.

Table B.48: ETS 300 476-5 [13] Table A.13 Generic signalling procedures

Item	Generic signalling procedures	Profile Ref.	Profile Status
2	C_S channel fragmentation and recombination	ETS 300 434-2 [11], 6.1.1	m
3	C_F channel fragmentation and recombination	ETS 300 434-2 [11], 6.1.1	m

B.2.2.2.2 Class A procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of Class A procedures.

Table B.49: ETS 300 476-5 [13] Table A.14 Class A procedures

Item	Class A procedures	Profile Ref.	Profile Status
1	Class A link establishment	GAP	m
2	Class A acknowledged information transfer	GAP	m
3	Class A link release	GAP	m
4	Class A link re-establishment	GAP	m
5	Class A connection handover	GAP	m

B.2.2.2.3 Broadcast procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of Broadcast procedures.

Table B.50: ETS 300 476-5 [13] Table A.16 Broadcast procedures

Item	Broadcast procedures	Profile Ref.	Profile Status
1	Normal operation	GAP	m
2	Expedited operation	GAP	i

B.2.2.2.4 LU1 procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of LU1 procedures.

Table B.51: ETS 300 476-5 [13] Table A.17 LU1 procedures

Item	LU1 procedures	Profile Ref.	Profile Status
1	Class 0/min_delay	ETS 300 434-2 [11], 6.2	m
2	Class 0	GAP	i
3	FU1 frame operation	ETS 300 434-2 [11], 6.2	see table B.1

B.2.2.2.5 Management procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11]the following table indicates the change of status for support of Management procedures.

Table B.52: ETS 300 476-5 [13] Table A.28 Management procedures

Item	Management procedures	Profile Ref.	Profile Status
1	MAC connection management	GAP	m
3	DLC U-plane management	GAP	m
4	Connection handover management	GAP	m
5	Connection ciphering management	GAP	m

Table B.53: ETS 300 476-5 [13] Table A.29 MAC connection management procedures

Item	MAC connection management procedures	Profile Ref.	Profile Status
5	Selection of logical channels	GAP	m

Table B.54: ETS 300 476-5 [13] Table A.32 Connection ciphering management procedures

Item	Connection ciphering management procedures	Profile Ref.	Profile Status
1	Providing a key to the MAC layer	GAP	see table B.1
2	Starting and stopping the ciphering	GAP	see table B.1
3	Connection handover of ciphered connection	GAP	see table B.1

B.2.2.3 Parameters

B.2.2.3.1 LU1 parameters

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of LU1 Connection types.

Table B.55: ETS 300 476-5 [13] Table A.38 LU1 Connection types

Item	Connection types	Profile Ref.	Profile Status
1	I_N / min delay - Half slot (10 octets)	GAP	i
2	I_N / normal delay - Half slot (10 octets)	GAP	i
3	I_N / min delay - Full slot (40 octets)	ETS 300 434-2 [11], 6.2	m
4	I_N / normal delay - Full slot (40 octets)	GAP	i
5	I_N / min delay - Double slot (100 octets)	GAP	i
6	I_N / normal delay - Double slot (100 octets)	ETS 300 434-2 [11], 6.2	c5501

c5501: IF C.9/3 THEN m ELSE o

B.2.2.4 Messages

B.2.2.4.1 C-plane PDUs

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of Broadcast service frame structure.

Table B.56: ETS 300 476-5 [13] Table A.54 Broadcast service frame structure (Sending F to P)

Item	Frame elements	Profile Ref.	Profile Status
1	Short frame format (3 octets)	ETS 300 434-2 [11], 6.1.2	m
2	Long frame format (5 octets)	ETS 300 434-2 [11], 6.1.2	m

B.2.3 Requirement list on DECT MAC layer

B.2.3.1 Services

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of services.

Table B.57: ETS 300 476-6 [14] Table A.9 Service groups supported

Item	Name of service	Profile Ref.	Profile Status
1	Connection oriented control	ETS 300 434-2 [11], 7.1.1	m
2	Broadcast control	ETS 300 434-2 [11], 7.1.2	m
3	Connectionless control	GAP	i
4	Multipexing	GAP	see table B.1
5	Management	GAP	see table B.1

B.2.3.1.1 Connection oriented control services

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of connection oriented services.

Table B.58: ETS 300 476-6 [14] Table A.10 Connection oriented control services

Item	Connection oriented control services	Profile Ref.	Profile Status
1	Basic connections	ETS 300 434-2 [11], 7.1.1	m
2	Advanced symmetric connections	ETS 300 434-2 [11], 7.1.1	c5801
3	Advanced asymmetric connections	GAP	i

c5801: IF C.9/3 THEN m ELSE o

Table B.59: ETS 300 476-6 [14] Table A.11 Connection services

Item	Connection services	Profile Ref.	Profile Status
1	Connection setup	ETS 300 434-2 [11], 7.2.1.1	see table B.1
3	Connection data transfer	GAP	see table B.1
4	Connection handover	GAP	m
5	Connection release	GAP	see table B.1

Table B.60: ETS 300 476-6 [14] Table A.12 Symmetric connection oriented services

Item	Symmetric connection oriented services	Profile Ref.	Profile Status
1	Type 1 IN_minimum_delay	GAP	m
2	Type 2 IN_normal_delay	ETS 300 434-2 [11], 7.2.1.1	c6001
3	Type 3 IP_error_detection	GAP	i
4	Type 4 IP_error_correction	GAP	i

c6001: IF C.9/3 THEN m ELSE o

Table B.61: [14] Table A.14 C-plane connection services

Item	C-plane connection services	Profile Ref.	Profile Status
1	Only C_S channel supported	GAP	m
2	C_S and C_F channels supported	ETS 300 434-2 [11], 7.3.1	c6101
3	Only C_F channel supported	GAP	i

c6101: IF C.9/3 THEN m ELSE o

B.2.3.1.2 Broadcast control services

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of Broadcast services.

Table B.62: ETS 300 476-6 [14] Table A.15 Broadcast control services

Item	Broadcast services	Profile Ref.	Profile Status
1	Continuous broadcast	ETS 300 434-2 [11], 7.1.2	see table B.1
2	Non-continuous broadcast	GAP	i
3	Paging broadcast	ETS 300 434-2 [11], 6.1.2	m

B.2.3.1.3 Multiplexing services

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of Multiplexing services.

Table B.63: ETS 300 476-6 [14] Table A.19 CSF multiplexing services

Item	CSF multiplexing services	Profile Ref.	Profile Status
1	D-MAP	GAP	see table B.1
2	A-MAP	GAP	see table B.1
3	B-MAP	GAP	m
4	T-MUX	GAP	see table B.1
5	E/U-MUX	GAP	m
6	C-MUX	GAP	m
7	Encryption activation	GAP	m
8	Encryption deactivation	GAP	c6301
9	Scrambling	GAP	see table B.1
10	Error control R-CRC	GAP	m
11	Error control X-CRC	GAP	m

c6301: IF A.14/7 THEN m ELSE i

Table B.64: ETS 300 476-6 [14] Table A.20 D-MAP services

Item	D-MAP	Profile Ref.	Profile Status
1	D-field MAP D80	ETS 300 434-2 [11], 7.1.1	c6401
2	D-field MAP D32	GAP	m
3	D-field MAP D08	GAP	i
4	D-field MAP D00	GAP	m

c6401: IF C.9/3 THEN m ELSE o

Table B.65: ETS 300 476-6 [14] Table A.21 B-MAP services

Item	B-MAP	Profile Ref.	Profile Status
1	B-field MAP unprotected format	ETS 300 434-2 [11], 7.1.1	m
2	B-field MAP protected format	GAP	i

Table B.66: ETS 300 476-6 [14] Table A.22 E/U mux services

Item	E/U MUX	Profile Ref.	Profile Status
1	E/U-mux E type	ETS 300 434-2 [11], 7.3.1	c6601
2	E/U-mux U type	GAP	m

c6601: IF C.9/3 THEN m ELSE o

Table B.67: ETS 300 476-6 [14] Table A.23 C mux mapping services

Item	Time multiplexers - C mux	Profile Ref.	Profile Status
1	C-mux double slot	ETS 300 434-2 [11], 8.1	c6701
2	C-mux full slot	GAP	m
3	C-mux half slot	GAP	i

c6701: IF C.9/3 THEN m ELSE o

B.2.3.1.4　　　　Management services

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of Management services.

Table B.68　　　ETS 300 476-6 [14] Table A.24 Management services

Item	Management services	Profile Ref.	Profile Status
5	In-connection quality control	GAP	see table B.1
9	SARI support	GAP	m

Table B.69: ETS 300 476-6 [14] Table A.25 Handover services management

Item	Handover services	Profile Ref.	Profile Status
1	Connection handover (intra/inter cell)	GAP	intra-cell: m
		GAP	inter-cell: m
2	Bearer handover (intra/inter cell)	GAP	intra-cell: m
		GAP	inter-cell: o

B.2.3.2　　　Procedures

B.2.3.2.1　　　Connection setup procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of Connection setup procedures.

Table B.70: ETS 300 476-6 [14] Table A.26 C/O single bearer setup procedures

Item	Name of procedure	Profile Ref.	Profile Status
1	Basic setup, single bearer basic connection of known service	ETS 300 434-2 [11], 7.2.1.1	m
2	Normal setup, single bearer duplex connection known service	GAP	i
3	Fast setup, single bearer duplex connection known service	GAP	i

Table B.71: ETS 300 476-6 [14] Table A.27 C/O multi-bearer symmetric setup procedures

Item	Name of procedure	Profile Ref.	Profile Status
1	Normal setup, multi-bearer symmetric connection	ETS 300 434-2 [11], 7.2.1.1	c7101
2	Fast setup, multi-bearer symmetric connection	GAP	i

c7101: IF C.9/3 THEN m ELSE o

Table B.72: ETS 300 476-6 [14] Table A.28 C/O bearer setup procedures

Item	Name of procedure	Profile Ref.	Profile Status
1	Basic bearer setup	ETS 300 434-2 [11], 7.2.1.1	m
3	PT initiated - B-field single bearer setup	ETS 300 434-2 [11], 7.2.1.1	c7201

c7201: IF C.9/3 THEN m ELSE o

B.2.3.2.2 Connection data transfer procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of C/O data transfer procedures.

Table B.73: ETS 300 476-6 [14] Table A.30 C/O data transfer procedures

Item	Name of procedure	Profile Ref.	Profile Status
2	Cs - channel data	GAP	m
3	Q1/Q2 setting for sliding collision / A-,B-field check (FT to PT) (Sliding collision detection)	GAP	o
4	Antenna diversity (React on Q1 bit in direction PT to FT)	GAP	m
5	Q2 bit settings	GAP	m

B.2.3.2.3 Connection handover procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of connection handover procedures.

Table B.74: ETS 300 476-6 [14] Table A.31 C/O connection handover procedures

Item	Name of procedure	Profile Ref.	Profile Status
1	Connection handover (request)	GAP	m
2	Duplex bearer handover (request)	GAP	m
3	Double simplex bearer handover	GAP	i

B.2.3.2.4 Connection release procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of connection release procedures.

Table B.75: ETS 300 476-6 [14] Table A.32 C/O connection release procedures

Item	Name of procedure	Profile Ref.	Profile Status
1	Unacknowledged bearer release	ETS 300 434-2 [11], 7.2.1.1	m

B.2.3.2.5 Broadcast procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of broadcast procedures.

Table B.76: ETS 300 476-6 [14] Table A.33 Broadcast procedures

Item	Name of procedure	Profile Ref.	Profile Status
1	Normal paging (Paging broadcast)	ETS 300 434-2 [11], 7.3.2.3	m
2	Fast paging	GAP	i
3	Downlink broadcast	GAP	m

B.2.3.2.6 CSF multiplexing procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of CSF multiplexing procedures.

Table B.77: ETS 300 476-6 [14] Table A.36 CSF multiplexing procedures

Item	CSF multiplexing procedures	Profile Ref.	Profile Status
1	Encryption	GAP	Encryption process - init. and synchro.: m
		GAP	Encryption mode control: m
		GAP	Handover encryption process: m
2	Scrambling	GAP	m
3	R-CRC generation	GAP	m
4	R-CRC checking	GAP	m
5	X-CRC generation	ETS 300 434-2 [11], 7.3.3	m
6	X-CRC checking	ETS 300 434-2 [11], 7.3.3	m

B.2.3.2.7 Layer management procedures

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of Layer management procedures.

Table B.78: ETS 300 476-6 [14] Table A.37 Layer management procedures

Item	Name of procedure	Profile Ref.	Profile Status
1	Extented system information PP request	GAP	i
3	Double simplex bearer physical channel selection	GAP	i
4	Simplex bearer physical channel selection	GAP	i
5	RFPI handshake	GAP	see table B.1
7	RFP idle receiver scan sequence	GAP	m
8	Test message procedures	ETS 300 434-2 [11], 7.3.2.4	o

B.2.3.3 Other capabilities

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of extended RF carriers.

Table B.79: ETS 300 476-6 [14] Table A.38 Extended RF carriers supported

Item	Extended RF Carriers	Profile Ref.	Profile Status
1	Extended RF carriers	GAP	m

Table B.80: ETS 300 476-6 [14] Table A.39 Operation modes in Idle_locked state supported

Item	Operation mode	Profile Ref.	Profile Status
2	High duty cycle Idle_locked mode	GAP	i
3	Normal cycle Idle_locked mode	GAP	m
4	Low duty cycle Idle_locked mode	ETS 300 434-2 [11], 7.3.2.3	o

B.2.3.4 Messages

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of messages.

B.2.3.4.1 A - field header - B-field identification

Table B.81: ETS 300 476-6 [14] Table A.50 B-field identification (Receipt P to F)

Item	B-field identification	Profile Ref.	Profile Status
1	U-type, IN, SIN or IP packet number 0	ETS 300 434-2 [11], 7.3.1	m
2	U-type, IP error detect or IP packet number 1	GAP	i
3	E-type, all CF or CLF, packet number 0	ETS 300 434-2 [11], 7.3.1	c8101
4	E-type, all CF, packet number 1	ETS 300 434-2 [11], 7.3.1	c8101
5	E-type, not all CF or CLF; packet number 0	ETS 300 434-2 [11], 7.3.1	c8101
6	E-type, not all CF; CF packet number 1	ETS 300 434-2 [11], 7.3.1	c8101
7	E-type, all MAC control (unnumbered)	ETS 300 434-2 [11], 7.3.1	c8101
8	No B-field	ETS 300 434-2 [11], 7.3.1	m

c8101: IF C.9/3 THEN m ELSE o

Table B.82: ETS 300 476-6 [14] Table A.51 B-field identification (Sending F to P)

Item	B-field identification	Profile Ref.	Profile Status
1	U-type, IN, SIN or IP packet number 0	ETS 300 434-2 [11], 7.3.1	m
2	U-type, IP error detect or IP packet number 1	GAP	i
3	E-type, all CF or CLF, packet number 0	ETS 300 434-2 [11], 7.3.1	c8201
4	E-type, all CF, packet number 1	ETS 300 434-2 [11], 7.3.1	c8201
5	E-type, not all CF or CLF; packet number 0	ETS 300 434-2 [11], 7.3.1	c8201
6	E-type, not all CF; CF packet number 1	ETS 300 434-2 [11], 7.3.1	c8201
7	E-type, all MAC control (unnumbered)	ETS 300 434-2 [11], 7.3.1	c8201
8	No B-field	ETS 300 434-2 [11], 7.3.1	m

c8201: IF C.9/3 THEN m ELSE o

B.2.3.4.2 Paging tail messages supported

Table B.83: ETS 300 476-6 [14] Table A.57 Paging tail (P_T) messages (Sending F to P)

Item	Paging tail messages	Profile Ref.	Profile Status
1	Full page format	ETS 300 434-2 [11], 7.3.2.3	m
2	Long page format	GAP	i
3	Short page format	ETS 300 434-2 [11], 7.3.2.3	m
4	Zero length page format	GAP	m

B.2.3.4.3 P_T messages information type

Table B.84: ETS 300 476-6 [14] Table A.58 P_T messages information supported (Sending F to P)

Item	P_T messages information type	Profile Ref.	Profile Status
1	0000 - fill bits	GAP	m
2	0001 - blind full slot	GAP	m
3	0010 - other bearer	GAP	i
4	0011 - recommended other bearer	GAP	i
5	0100 - good RFP bearer	GAP	i
6	0101 - dummy or C/L bearer position	GAP	i
7	0110 - RFP identity	GAP	i
8	0111 - escape	GAP	i
9	1000 - dummy or C/L bearer marker	GAP	i
10	1001 - bearer handover information	GAP	i
11	1010 - RFP status	GAP	i

B.2.3.4.4   MAC control messages supported

Table B.85: ETS 300 476-6 [14] Table A.59 MAC control (M_T) messages (Receipt P to F)

Item	MAC control (M_T) messages	Profile Ref.	Profile Status
1	Basic connection control	ETS 300 434-2 [11], 7.3.2.4	m
2	MAC layer test messages	ETS 300 434-2 [11], 7.3.2.4	o
3	Advanced connection control	ETS 300 434-2 [11], 7.3.2.4	c8501
4	Quality control	GAP	i
5	Broadcast and connectionless services	GAP	m
6	Encryption control	GAP	m
7	B-field setup, first PT transmission	ETS 300 434-2 [11], 7.3.2.4	c8501
8	MAC control escape	GAP	i
9	TARI	GAP	i

c8501: IF C.9/3 THEN m ELSE o

Table B.86: ETS 300 476-6 [14] Table A.60 MAC control (M_T) messages (Sending F to P)

Item	MAC control (M_T) messages	Profile Ref.	Profile Status
1	Basic connection control	ETS 300 434-2 [11], 7.3.2.4	m
2	MAC layer test messages	ETS 300 434-2 [11], 7.3.2.4	o
3	Advanced connection control	ETS 300 434-2 [11], 7.3.2.4	c8601
4	Quality control	GAP	i
5	Broadcast and connectionless services	GAP	m
6	Encryption control	GAP	m
7	B-field setup, first PT transmission	ETS 300 434-2 [11], 7.3.2.4	x
8	MAC control escape	GAP	i
9	TARI	GAP	i

c8601: IF C.9/3 THEN m ELSE o

B.2.3.4.5 Broadcast and ConnectionLess (BCL) messages

Table B.87: ETS 300 476-6 [14] Table A.69 BCL messages (Receipt P to F)

Item	MAC control (M_T) messages - Broadcast and connectionless services	Profile Ref.	Profile Status
7	C/L single transmissions, no CF or CLS	GAP	i
8	CLS service, first transmissions	GAP	i
9	change dummy bearer position	GAP	i
10	extended system info., A-field procedure	GAP	i
11	extended system info., B-field procedure	GAP	i

Table B.88: ETS 300 476-6 [14] Table A.70 BCL messages (Sending F to P)

Item	MAC control (M_T) messages - Broadcast and connectionless services	Profile Ref.	Profile Status
10	extended system info., A-field procedure	GAP	i
11	extended system info., B-field procedure	GAP	i

B.2.3.5 MAC messages format and field value

B.2.3.5.1 QT - Fixed part capability

Table B.89: ETS 300 476-6 [14] Table A.88 QT - Fixed part capability (Sending F to P)

Item	QT - Fixed part capability	Profile Ref.	Profile Status	Profile Value Allowed
22	Higher layer info.	ETS 300 434-1 [10], A.1	m	c8901

c8901: IF C.9/3 THEN 15 bits value followed by 1 bit set to 1 ELSE 16 bits value

B.2.4 Requirement list on DECT PHL layer

To express the profile requirements of ETS 300 434-1 [10] and ETS 300 434-2 [11] the following table indicates the change of status for support of procedures.

Table B.90: ETS 300 476-7 [15] Table A.15 Physical layer procedures

Item	Procedure name	Profile Ref.	Profile Status
2	Addition of Z-field	GAP	m
4	Receipt of Z-field	GAP	m
9	Basic physical channel R32 management	GAP	m
10	The low-rate physical channel R08j management	GAP	i
11	The high capacity physical channel R80 management	ETS 300 434-2 [11], 7.1.1	m
12	Sliding collision detection	GAP	m

B.2.5 Requirement list on ISDN L3 layer tables

B.2.5.1 ISDN L3 layer primary access tables

No specific requirements.

B.2.5.2 ISDN L3 layer basic access tables

No specific requirements.

B.2.6   Requirement list on ISDN L2 layer tables

B.2.6.1   ISDN L2 layer primary access tables

No specific requirements.

B.2.6.2   ISDN L2 layer basic access tables

No specific requirements.

B.2.7   Requirement list on ISDN L1 layer tables

B.2.7.1   ISDN L1 layer primary access tables

No specific requirements.

B.2.7.2   ISDN L1 layer basic access tables

No specific requirements.

Annex C (normative): Profile specific ICS proforma for DECT FT IAP

C.1 Guidance for completing the profile specific proforma

C.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 FT specific requirements of ETS 300 434-1 and 2 [10] and [11] 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 300 434-1 and -2 [10] and [11];

- 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 [18].

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 [18], 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 300 434-1 [10] or ETS 300 434-2 [11], 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 [18], 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 [18], 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.

C.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 C.1.1. Specific instruction is provided in the text which precedes each table.

C.2 Identification of the implementation

C.2.1 Date of statement

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

Table C.1: Date of statement

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

C.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 table below.

Table C.2: Identification of implementation

Identification of implementation	
Name of Implementation	
Name of System	

C.2.3 Contact person identification

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 table below.

Table C.3: Contact person identification

Contact person	
Name	
Address	
Phone No.	
Fax No.	

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

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

Table C.4: Relationship with SCS

C.3 Identification of the profile

Table C.5: Identification of profile

Identification of profile	
Title of specification	Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) and Integrated Services Digital Network (ISDN) interworking for end system configuration Part 1: Interworking specification and Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) DECT/ISDN Interworking for End System Part 2: Access Profile
Reference no.	ETS 300 434-1 and ETS 300 434-2 [10] and [11]
Date of Publication	1994

C.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, in the table below.

Table C.6: Defect report and amendments number

Modification of specification	
Defect report no.	Amendment no.

C.3.2 Addenda implemented

The supplier of the implementation shall enter the titles and the reference number of implemented addenda, in the table below.

Table C.7: Addenda implemented

Addenda implemented	
Title	Reference no.

C.4 Profile ICS proforma tables

C.4.1 Global statement of conformance

The supplier of the implementation shall state whether of not all mandatory capabilities are implemented.

Table C.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.

C.4.2 Profile ICS features tables

The supplier of the implementation shall state the support of the implementation for all of the following requirements, in the table below.

Table C.9: Features support

Item	Features support	Ref.	Status	Supp.
1	Duplex speech - 32 kbit/s ADPC	ETS 300 434-2 [11], 5.1	o.901	
2	Voice band data capability	ETS 300 434-2 [11], 5.1	o.901	
3	64 kbps unrestricted digital information	ETS 300 434-2 [11], 5.1	o.901	

o.901: It is mandatory to support at least one of these features

C.4.3 Profile ICS IWU tables

C.4.3.1 IWU procedures

The supplier of the implementation shall state the support of the implementation for all of the following requirements, in the tables below.

Table C.10: IWU procedures support

Item	IWU procedures support	Ref.	Status	Supp.
1	Call Control (CC) - Call establishment procedures	ETS 300 434-1 [10], 5.2.1.1	m	
2	Call Control (CC) - Call Information Procedures	ETS 300 434-1 [10], 5.2.1.2.	m	
3	Call Control (CC) - Call Release Procedures	ETS 300 434-1 [10], 5.2.1.3	m	
4	Keypad Protocol Procedures for CRSS	ETS 300 434-1 [10], 5.2.2.1	m	
5	Keypad Protocol Procedures for CISS	ETS 300 434-1 [10], 5.2.2.2	i	
6	Functional protocol IWU procedures for CRSS	ETS 300 434-1 [10], 5.2.2.3	m	
7	Functional protocol IWU procedures for CISS	ETS 300 434-1 [10], 5.2.2.4	o	
8	Specific procedures for supplementary services	ETS 300 434-1 [10], 5.2.2.5	c1001	
9	Error handling for supplementary services	ETS 300 434-1 [10], 5.2.2.6	m	
10	Identity mapping procedures	ETS 300 434-1 [10], 5.2.3.2	m	

c1001: IF [11] Table A.15/4 OR [11] Table A.15/5 OR [11] Table A.15/6 THEN m ELSE n/a

Table C.11: Call establishment (CC) IWU procedures

Prerequisite: C.10/1				
Item	Call establishment (CC) IWU procedures	Ref.	Status	Supp.
1	Outgoing Call	ETS 300 434-1 [10], 5.2.1.1.1	m	
2	Incoming Call	ETS 300 434-1 [10], 5.2.1.1.2	m	
3	Fall-back procedures	ETS 300 434-1 [10], 5.2.1.1.3	m	

Table C.12: Call Release (CC) IWU procedures

Prerequisite: C.10/3				
Item	**Call Release (CC) IWU procedures**	**Ref.**	**Status**	**Supp.**
1	Call release initiated by the DPS	ETS 300 434-1 [10], 5.2.1.3.1	m	
2	Call release initiated by the NT	ETS 300 434-1 [10], 5.2.1.3.2	m	

Table C.13: Functional protocol procedures for CRSS

Prerequisite: C.10/6				
Item	**Functional protocol procedures for CRSS**	**Ref.**	**Status**	**Supp.**
1	Common information element approach: Messages for outgoing call control, Messages for incoming call control, Active call messages, Call release messages, Additional CRSS messages	ETS 300 434-1 [10], 5.2.2.3.1, 5.2.2.3.2, 5.2.2.3.3, 5.2.2.3.4, 5.2.2.3.5	c1301	
2	Separate message approach	ETS 300 434-1 [10], 5.2.2.3.7	o	
3	Generic notification mapping procedures: Outgoing call messages, Incoming call messages, Active call messages, Call release messages, Additional CRSS messages	ETS 300 434-1 [10], 5.2.2.3.8, 5.2.2.3.9, 5.2.2.3.10, 5.2.2.3.11, 5.2.2.3.12	c1302	

c1301: IF one of [11] Table A.15/items 1, 3, 10, 11, 13, 22, 24, 29, 41, 42 THEN m ELSE o
c1302: IF [11] Table A.15/12 THEN m ELSE o

Table C.14: Functional protocol procedures for CISS

Prerequisite: C.10/7				
Item	**Functional protocol procedures for CISS**	**Ref.**	**Status**	**Supp.**
1	Connection-oriented	ETS 300 434-1 [10], 5.2.2.4.1	m	
2	Connectionless	ETS 300 434-1 [10], 5.2.2.4.2	m	

Table C.15: Specific procedures for supplementary services

Item	Specific procedures for supplementary services	Ref.	Status	Supp.
Prerequisite: C.10/8				
1	Calling Line Identification Presentation (CLIP)	ETS 300 434-1 [10], 5.2.2.5.1	c1501	
2	Calling Line Ident. presentation Restriction (CLIR)	ETS 300 434-1 [10], 5.2.2.5.2	c1502	
3	COnnected Line identification Presentation (COLP)	ETS 300 434-1 [10], 5.2.2.5.3	c1503	
4	COnnected Line ident. presentation Restriction (COLR)	ETS 300 434-1 [10], 5.2.2.5.4	c1504	
5	SUBaddressing (SUB)	ETS 300 434-1 [10], 5.2.2.5.7	c1505	
6	Terminal Portability (TP)	ETS 300 434-1 [10], 5.2.2.5.8	i	
7	Call Waiting (CW)	ETS 300 434-1 [10], 5.2.2.5.9	c1506	
8	User to User Service 1 (UUS1)	ETS 300 434-1 [10], 5.2.2.5.17	c1507	
9	User to User Service 2 (UUS2)	ETS 300 434-1 [10], 5.2.2.5.18	c1508	
10	User to User Service 3 (UUS3)	ETS 300 434-1 [10], 5.2.2.5.19	c1509	
11	Call Completion on Busy Subscribers (CCBS)	ETS 300 434-1 [10], 5.2.2.5.21	c1510	

c1501: IF [11] Table A.15/8 THEN m ELSE x
c1502: IF [11] Table A.15/9 THEN m ELSE x
c1503: IF [11] Table A.15/14 THEN m ELSE x
c1504: IF [11] Table A.15/15 THEN m ELSE x
c1505: IF [11] Table A.15/39 THEN m ELSE x
c1506: IF [11] Table A.15/7 THEN m ELSE o
c1507: IF [11] Table A.15/42 THEN m ELSE x
c1508: IF [11] Table A.15/42 THEN m ELSE x
c1509: IF [11] Table A.15/42 THEN m ELSE x
c1510: IF [11] Table A.15/11 THEN m ELSE x

Table C.16: Error handling for supplementary services

Item	Error handling for supplementary services	Ref.	Status	Supp.
Prerequisite: C.10/9				
1	Error handling procedures at the DECT CI	ETS 300 434-1 [10], 5.2.2.6.1	m	
2	IWU Error handling procedures - information from the NT	ETS 300 434-1 [10], 5.2.2.6.2	m	
3	IWU Error handling procedure - information from the DPS	ETS 300 434-1 [10], 5.2.2.6.3	c1601	

c1601: IF C.13/1 OR 13/2 THEN m ELSE n/a

C.4.3.2 IWU messages mapping

The supplier of the implementation shall state the support of the implementation for all of the following requirements, in the tables below.

Table C.17: Messages mapping - ISDN to DECT

Item	Messages mapping - ISDN to DECT	Ref.	Status	Supp.
1	ALERTING - CC-ALERTING	ETS 300 434-1 [10], 5.2.4.1.1	m	
2	CALL-PROC - CC-CALL-PROC	ETS 300 434-1 [10], 5.2.4.1.2	m	
3	CISS-RELEASE - CISS-RELEASE-COM	ETS 300 434-1 [10], 5.2.4.1.3	o	
4	CISS-RELEASE-COM - CISS-RELEASE-COM	ETS 300 434-1 [10], 5.2.4.1.4	o	
5	CONGESTION-CONTROL - CC-INFO	ETS 300 434-1 [10], 5.2.4.1.5	c1701	
6	CONNECT - CC-CONNECT	ETS 300 434-1 [10], 5.2.4.1.6	m	
7	CONNECT-ACK - CC-CONNECT-ACK	ETS 300 434-1 [10], 5.2.4.1.7	m	
8	DISCONNECT - CC-RELEASE	ETS 300 434-1 [10], 5.2.4.1.8	c1702	
9	FACILITYciss - FACILITYciss	ETS 300 434-1 [10], 5.2.4.1.9	o	
10	FACILITYcrss - FACILITYcrss	ETS 300 434-1 [10], 5.2.4.1.10	o	
11	HOLD-ACK - HOLD-ACK	ETS 300 434-1 [10], 5.2.4.1.11	c1703	
12	HOLD-REJ - HOLD-REJ	ETS 300 434-1 [10], 5.2.4.1.12	c1703	
13	INFORMATION - CC-INFO(F-02, F-03, F-04, F-07, F-10)	ETS 300 434-1 [10], 5.2.4.1.13	o	
14	INFORMATION - CC-SETUP	ETS 300 434-1 [10], 5.2.4.1.14	o	
15	NOTIFY - CC-INFO	ETS 300 434-1 [10], 5.2.4.1.15	o	
16	PROGRESS - CC-INFO	ETS 300 434-1 [10], 5.2.4.1.16	m	
17	REGISTER - CISS-REGISTER	ETS 300 434-1 [10], 5.2.4.1.17	o	
18	RELEASE - CC-RELEASE-COM	ETS 300 434-1 [10], 5.2.4.1.18	m	
19	RELEASE-COM - CC-RELEASE-COM	ETS 300 434-1 [10], 5.2.4.1.19	m	
20	RETRIEVE-ACK - RETRIEVE-ACK	ETS 300 434-1 [10], 5.2.4.1.20	c1703	
21	RETRIEVE-REJ - RETRIEVE-REJ	ETS 300 434-1 [10], 5.2.4.1.21	c1703	
22	SETUP - CC-SETUP	ETS 300 434-1 [10], 5.2.4.1.22	m	
23	SETUP-ACK without <<progress indicator>> IE - CC-SETUP-ACK	ETS 300 434-1 [10], 5.2.4.1.24	m	
24	SETUP-ACK with <<progress indicator>> IE - CC-SETUP-ACK + CC-INFO	ETS 300 434-1 [10], 5.2.4.1.23	m	
25	USER-INFORMATION - CC-INFO	ETS 300 434-1 [10], 5.2.4.1.25	c1704	

c1701: IF UUS3 THEN m ELSE o
c1702: IF 64 kbit/s unrestricted THEN m ELSE o
c1703: IF CH THEN m ELSE o
c1704: IF UUS2 OR UUS3 THEN m ELSE o

Table C.18: Messages mapping - DECT to ISDN

Item	Messages mapping - DECT to ISDN	Ref.	Status	Supp.
1	CC-ALERTING - ALERTING	ETS 300 434-1 [10], 5.2.4.2.1	m	
2	CC-CONNECT - CONNECT	ETS 300 434-1 [10], 5.2.4.2.2	m	
3	CC-INFO(F-02) - INFORMATION (U2)	ETS 300 434-1 [10], 5.2.4.2.3	m	
4	CC-INFO(F-02) - SETUP	ETS 300 434-1 [10], 5.2.4.2.4	m	
5	CC-INFO(F-03, F-04, F-07, F-10, F-19) - INFORMATION	ETS 300 434-1 [10], 5.2.4.2.5	o	
6	CC-INFO - FACILITY-crss	ETS 300 434-1 [10], 5.2.4.2.6	c1801	
7	CC-INFO - USER-INFORMATION	ETS 300 434-1 [10], 5.2.4.2.7	c1801	
8	CC-RELEASE - DISCONNECT	ETS 300 434-1 [10], 5.2.4.2.8	m	
9	CC-RELEASE-COM - RELEASE	ETS 300 434-1 [10], 5.2.4.2.9	m	
10	CC-RELEASE-COM - DISCONNECT	ETS 300 434-1 [10], 5.2.4.2.10	m	
11	CC-SETUP - SETUP	ETS 300 434-1 [10], 5.2.4.2.11	m	
12	CISS-REGISTER - REGISTER	ETS 300 434-1 [10], 5.2.4.2.12	o	
13	CISS-RELEASE-COM - CISS-RELEASE	ETS 300 434-1 [10], 5.2.4.2.13	o	
14	FACILITYciss - FACILITYciss	ETS 300 434-1 [10], 5.2.4.2.14	o	
15	FACILITYcrss - FACILITYcrss	ETS 300 434-1 [10], 5.2.4.2.15	o	
16	HOLD - HOLD	ETS 300 434-1 [10], 5.2.4.2.16	c1802	
17	RETREIVE - RETREIVE	ETS 300 434-1 [10], 5.2.4.2.17	c1802	

c1801: IF mapping of {CC-INFO} is called up by item 3, 4, 5 THEN m ELSE x
c1802: IF CH THEN m ELSE o

Table C.19: ISDN information element to DECT information element

Item	ISDN information element to DECT information element	Ref.	Status	Supp.
1	ISDN Bearer-capability to DECT Basic-service	ETS 300 434-1 [10], 5.2.5.1.1	m	
2	ISDN toDECT: Calling-party-number	ETS 300 434-1 [10], 5.2.5.1.2.	c1902	
3	ISDN to DECT: Called-party-number	ETS 300 434-1 [10], 5.2.5.1.3.	o	
4	ISDN to DECT: Called-party-subaddress	ETS 300 434-1 [10], 5.2.5.1.4.	c1903	
5	ISDN to DECT: Display	ETS 300 434-1 [10], 5.2.5.1.5.	o	
6	ISDN Bearer-capability to DECT End-to-end-compatibiliy	ETS 300 434-1 [10], 5.2.5.1.6.	c1901	
7	ISDN to DECT: Facility	ETS 300 434-1 [10], 5.2.5.1.8.	m	
8	ISDN Bearer-capability to DECT Iwu-attributes	ETS 300 434-1 [10], 5.2.5.1.9	c1901	
9	ISDN to DECT: Progress-indicator	ETS 300 434-1 [10], 5.2.5.1.15.	m	
10	ISDN Cause to DECT Reject-reason	ETS 300 434-1 [10], 5.2.5.1.16	o	
11	ISDN to DECT: Sending-complete	ETS 300 434-1 [10], 5.2.5.1.18	o	

c1901: IF Bearer Capability is not equal to "default set-up attributes" THEN M ELSE X
c1902: IF CLIP THEN M ELSE O
c1903: IF SUB THEN M ELSE O

Table C.20: ISDN information element to DECT iwu to iwu

Item	ISDN information element to DECT iwu to iwu	Ref.	Status	Supp.
1	redirecting number	ETS 300 434-1 [10], 5.2.5.1.11	o	
2	congestion level	ETS 300 434-1 [10], 5.2.5.1.12.	m	
3	date/time	ETS 300 434-1 [10], 5.2.5.1.11.	o	
4	connected party number	ETS 300 434-1 [10], 5.2.5.1.11.	c2001	
5	connected party subaddress	ETS 300 434-1 [10], 5.2.5.1.11.	c2001	
6	cause	ETS 300 434-1 [10], 5.2.5.1.11.	o	
7	user to user	ETS 300 434-1 [10], 5.2.5.1.11.	o	
8	channel identification	ETS 300 434-1 [10], 5.2.5.1.11.	c2003	
9	network specific facil.	ETS 300 434-1 [10], 5.2.5.1.11.	o	
10	notification indicator	ETS 300 434-1 [10], 5.2.5.1.11.	m	
11	keypad facility	ETS 300 434-1 [10], 5.2.5.1.11.	o	
12	calling party subaddr.	ETS 300 434-1 [10], 5.2.5.1.11.	c2002	
13	low layer compatibility	ETS 300 434-1 [10], 5.2.5.1.11.	c2004	
14	high layer compatibility	ETS 300 434-1 [10], 5.2.5.1.11.	c2004	
15	user to user	ETS 300 434-1 [10], 5.2.5.1.11.	o	
16	more data	ETS 300 434-1 [10], 5.2.5.1.12.	m	

c2001: IF COLP THEN m ELSE o
c2002: IF SUB THEN m ELSE o
c2003: IF CW THEN m ELSE o
c2004: IF not basic-service THEN m ELSE i

Table C.21: DECT information element to ISDN information element

Item	DECT information element to ISDN information element	Ref.	Status	Supp.
1	DECT Basic-service to ISDN Bearer-capability	ETS 300 434-1 [10], 5.2.5.1.1	m	
2	DECT to ISDN: Calling-party-number	ETS 300 434-1 [10], 5.2.5.1.2	c2104	
3	DECT to ISDN: Called-party-number	ETS 300 434-1 [10], 5.2.5.1.3	m	
4	DECT to ISDN: Called-party-subaddress	ETS 300 434-1 [10], 5.2.5.1.4	c2103	
5	DECT End-to-end-compatibiliy to ISDN Bearer-capability	ETS 300 434-1 [10], 5.2.5.1.6	c2107	
6	DECT End-to-end-comp. to ISDN Lower-Layer-comp.	ETS 300 434-1 [10], 5.2.5.1.7	c2108	
7	DECT to ISDN: Facility	ETS 300 434-1 [10], 5.2.5.1.8	m	
8	DECT Iwu-attributes to ISDN Bearer-capability	ETS 300 434-1 [10], 5.2.5.1.9	c2105	
9	DECT Iwu-attributes to ISDN Lower-layer-compatibility	ETS 300 434-1 [10], 5.2.5.1.10	c2106	
10	DECT Iwu-to-iwu to ISDN-information-element	ETS 300 434-1 [10], 5.2.5.1.11	m	
11	DECT Iwu-to-iwu to ISDN-message	ETS 300 434-1 [10], 5.2.5.1.12	m	
12	DECT Keypad to ISDN Called-party-number	ETS 300 434-1 [10], 5.2.5.1.13	c2102	
13	DECT to ISDN: Keypad	ETS 300 434-1 [10], 5.2.5.1.14	c2101	
14	DECT Keypad to ISDN Facility	ETS 300 434-1 [10], 5.2.5.1.14	i	
15	DECT Release-reason to ISDN Cause	ETS 300 434-1 [10], 5.2.5.1.17	o	
16	DECT to ISDN: Sending-complete	ETS 300 434-1 [10], 5.2.5.1.18	m	

c2101: IF NOT called party number info AND NOT mapped to <<FACILITY>> THEN m ELSE x
c2102: IF called party number info THEN m ELSE x
c2103: IF SUB THEN m ELSE o
c2104: IF CLIP OR CLIR with option 'per call' and 'default override' subsribed THEN m ELSE o
c2105: IF NOT speech(default) THEN m ELSE o
c2106: IF present THEN m ELSE x
c2107: IF parameters are significant for the network THEN m ELSE x
c2108: IF parameters are significant for end to end THEN o ELSE x

Table C.22: DECT iwu to iwu to ISDN information element

Item	DECT iwu to iwu to ISDN information element	Ref.	Status	Supp.
1	connected party number	ETS 300 434-1 [10], 5.2.5.1.11	c2201	
2	connected party subaddress	ETS 300 434-1 [10], 5.2.5.1.11	o	
3	user to user	ETS 300 434-1 [10], 5.2.5.1.11	m	
4	high layer comp.	ETS 300 434-1 [10], 5.2.5.1.11	m	
5	calling party subaddress	ETS 300 434-1 [10], 5.2.5.1.11	c2202	
6	calling party number	ETS 300 434-1 [10], 5.2.5.1.11	c2203	

c2201: IF COLR with options 'per call' and 'override' is subscribed THEN m ELSE o
c2202: IF SUB THEN m ELSE o
c2203: IF MSN THEN m ELSE o

Table C.23   DECT iwu to iwu to ISDN message

Item	DECT iwu to iwu to ISDN message	Ref.	Status	Supp.
1	USER-INFOrmation	ETS 300 434-1 [10], 5.2.4.2.7	m	

Table C.24: Information element coding mappings

Item	Information element coding mappings	Ref.	Status	Supp.
1	coding-standard - coding-standard	ETS 300 434-1 [10], 5.2.6.1	m	
2	data bits coding - number of data bits	ETS 300 434-1 [10], 5.2.6.2	m	
3	duplex mode - duplex mode	ETS 300 434-1 [10], 5.2.6.3	m	
4	Flow control on reception - Flow control on reception	ETS 300 434-1 [10], 5.2.6.4	m	
5	Flow control on transmission - Flow control on transmission	ETS 300 434-1 [10], 5.2.6.5	m	
6	id-for-info-element - info-element-id	ETS 300 434-1 [10], 5.2.6.6	m	
7	info.-transfer-capability - info.-transfer-capability	ETS 300 434-1 [10], 5.2.6.7	m	
8	information-transfer-rate - information-transfer-rate	ETS 300 434-1 [10], 5.2.6.8	m	
9	intermediate rate - intermediate rate	ETS 300 434-1 [10], 5.2.6.9	m	
10	location - location	ETS 300 434-1 [10], 5.2.6.10	m	
11	length-of-contents - length-of-contents	ETS 300 434-1 [10], 5.2.6.11	m	
12	L2-protocol-identifier - user-information-layer-2-protocol	ETS 300 434-1 [10], 5.2.6.12	m	
13	L3-protocol-identifier - user-information-layer-3-protoocol	ETS 300 434-1 [10], 5.2.6.13	m	

(continued)

Table C.24 (concluded): Information element coding mappings

Item	Information element coding mappings	Ref.	Status	Supp.
14	message-type - message-type	ETS 300 434-1 [10], 5.2.6.14	m	
15	modem type - modem type	ETS 300 434-1 [10], 5.2.6.15	m	
16	negotiation - negotiation	ETS 300 434-1 [10], 5.2.6.16	m	
17	NIC on reception - NIC on reception	ETS 300 434-1 [10], 5.2.6.17	m	
18	NIC on transmission - NIC on transmission	ETS 300 434-1 [10], 5.2.6.18	m	
19	number-type - type-of-number	ETS 300 434-1 [10], 5.2.6.19	m	
20	numbering-plan - numbering-plan	ETS 300 434-1 [10], 5.2.6.20	m	
21	odd/even - odd/even-indicator	ETS 300 434-1 [10], 5.2.6.21	m	
22	parity - parity	ETS 300 434-1 [10], 5.2.6.22	m	
23	presentation-indicator - presentation-indicator	ETS 300 434-1 [10], 5.2.6.23	m	
24	progress-description - progress-description	ETS 300 434-1 [10], 5.2.6.24	m	
25	protocol-discriminator - protocol-discriminator	ETS 300 434-1 [10], 5.2.6.25	m	
26	protocol-identifier-coding - protocol-identifier-coding	ETS 300 434-1 [10], 5.2.6.26	m	
27	reject-reason-code - cause-value	ETS 300 434-1 [10], 5.2.6.27	m	
28	release-reason-code - cause-value	ETS 300 434-1 [10], 5.2.6.28	m	
29	screening-indicator - screening-indicator	ETS 300 434-1 [10], 5.2.6.29	m	
30	service-discriminator - service-discriminator	ETS 300 434-1 [10], 5.2.6.30	m	
31	stop bits coding - number of stop bits	ETS 300 434-1 [10], 5.2.6.31	m	
32	subaddress-type - type-of-subaddress	ETS 300 434-1 [10], 5.2.6.32	m	
33	synchronous/asynchronous - synchronous/asynchronous	ETS 300 434-1 [10], 5.2.6.33	m	
34	transaction-identifier - call-reference	ETS 300 434-1 [10], 5.2.6.34	m	
35	transfer-mode - transfer-mode	ETS 300 434-1 [10], 5.2.6.35	m	
36	user-protocol-identifier - user-information-layer-1-protocol	ETS 300 434-1 [10], 5.2.6.36	m	
37	user rate - user rate	ETS 300 434-1 [10], 5.2.6.37	m	

C.4.4 Profile ICS NWK layer tables

The supplier of the implementation shall state the support of the implementation for all of the following requirements, in the table below.

Table C.25: Additional IWU CC procedures

Item	Procedure name	Ref.	Status	Supp.
1	cc_incoming_call_accept	ETS 300 434-2 [11], 5.2	m	
2	cc_incoming_call_reject	ETS 300 434-2 [11], 5.2	m	

C.4.5 Profile ICS DLC layer tables

The supplier of the implementation shall state the support of the implementation for all of the following requirements, in the table below.

Table C.26: Additional DLC procedures

Item	Procedure name	Ref.	Status	Supp.
1	DLC more bit procedure	ETS 300 434-1 [10], 5.2.3.1	m	

C.4.6 Profile ICS MAC layer tables

No specific requirements.

C.4.7 Profile ICS PHL layer tables

The supplier of the implementation shall state the support of the implementation for all of the following requirements, in the table below.

Table C.27: Specific PHL requirements

Item	Requirement	Profile Ref.	Profile Status	Supp.	Allowed values	Supp. Values
1	General	GAP	m		-	
2	Minimum Normal Transmit Power (NTP)	GAP	m		> 80 mW per simultaneously active transmitter	
3	Radio receiver sensitivity	GAP	m		at least - 86 dBm	
4	Physical channel availability	GAP	m		-	
5	Synchronisation window (synchronised reference timer)	GAP	m		at least ± 4 bits	
6	Synchronisation window (not synchronised reference timer)	GAP	m		at least ± 10 bits	
7	User controlled volume control	GAP	m		RLR_H decrease < 6dB	

Annex D (normative): Messages redefinition for DECT CI FT PICS proforma

D.1 Description

This annex describes the elements of DECT NWK layer needed for use on DECT/ISDN end system configuration and not allowed in ETS 300 175-5 [5] and its corresponding PICS proforma. Further specification and PICS proforma of ETS 300 175-5 [5] may make this annex obsolete.

Additional general conditions are described in the table D.1 below.

Table D.1   Additional condition table

ident.	Definition
o.01	Repeat indicator "non-prioritised list" is present, only in case of the Facility item is a list of <<FACILITY>> information element.
o.02	Repeat indicator "non-prioritised list" is present, only in case of the IWU-to-IWU item is a list of <<IWU-to-IWU>> information element.
o.03	Repeat indicator "non-prioritised list" is present, only in case of the Progress indicator item is a list of <<PROGRESS INDICATOR>> information element.

D.2 CC messages

The new format of the messages, provided below, allows the use of facility, progress indicator and Iwu-to-Iwu information elements.

Table A.27: CC-SETUP receiving (P to F) supported

Item	CC-SETUP receiving (P to F) Information element name	Reference	Status	Support
Prerequisite: A.25/1					
1	Message header	7.2, 7.3, 7.4.1	m	
2	Portable identity	7.7.30	m	
3	Fixed identity	7.7.18	m	
4	Basic service	7.6.4	m	
5	IWU attributes	7.7.21	c2701	
6	Repeat indicator "prioritised list"	7.6.3	c2702	
7	Call attributes	7.7.5	c2701	
8	Repeat indicator "non-prioritised list"	7.6.3	c2703	
9	Connection attributes	7.7.11	c2707	
10	Cipher info	7.7.10	o	
11	Connection identity	7.7.12	o	
12	Repeat indicator "non-prioritised list"	7.6.3	o.01	
13	Facility	7.7.15	c02	
14	Repeat indicator "non-prioritised list"	7.6.3	x	
15	Progress Indicator	7.7.31	x	
16	Display	7.5.5	x	
17	Keypad	7.5.5	o	
18	Signal	7.6.8	x	
19	Feature Activate	7.7.16	c03	
20	Feature Indicate	7.7.17	x	
21	Network parameter	7.7.29	c04	
22	Terminal capability	7.7.41	o	
23	End-to-end compatibility	7.7.14	c2705	
24	Rate parameters	7.7.33	c2706	
25	Transit delay	7.7.42	c2708	
26	Window size	7.7.43	c2708	
27	Calling party number	7.7.9	o	
28	Called party number	7.7.7	o	
29	Called party subaddress	7.7.8	o	
30	Sending complete	7.6.2	c2704	
31	Repeat indicator "non-prioritised list"	7.6.3	o.02	
32	IWU-to-IWU	7.7.23	o.02	
33	IWU-PACKET	7.7.22	o	

c2701: IF A.136/3 = '1111'B THEN m ELSE x
c2702: IF A.136/3 = '1111'B THEN o ELSE n/a
c2703: IF A.24/1 THEN o ELSE n/a
c2704: IF A.13/7 AND A.27/28 THEN o ELSE n/a
c2705: IF A.251/26 = '00001'B THEN m ELSE o
c2706: IF A.251/26 = ('00001'B OR '00111'B OR '01000'B OR '01001'B) THEN m ELSE o
c2707: IF A.18/04 THEN o ELSE n/a
c2708: IF A.24/3 THEN o.2701 ELSE n/a
o.2701: It is mandatory to support at least one of these options

Table A.28: CC-SETUP sending (F to P) supported

Item	CC-SETUP sending (F to P) Information element name	Reference	Status	Support
	Prerequisite: A.26/1			
1	Message header	7.2, 7.3, 7.4.1	m	
2	Portable identity	7.7.30	m	
3	Fixed identity	7.7.18	m	
4	Basic service	7.6.4	m	
5	IWU attributes	7.7.21	c2801	
6	Repeat indicator "prioritised list"	7.6.3	c2802	
7	Call attributes	7.7.5	c2801	
8	Repeat indicator "prioritised list"	7.6.3	c2803	
9	Connection attributes	7.7.11	c2807	
10	Cipher info	7.7.10	o	
11	Connection identity	7.7.12	o	
12	Repeat indicator "non-prioritised list"	7.6.3	o.01	
13	Facility	7.7.15	c05	
14	Repeat indicator "non-prioritised list"	7.6.3	o.03	
15	Progress Indicator	7.7.31	c08	
16	Display	7.5.5	c07	
17	Keypad	7.5.5	n/a	
18	Signal	7.6.8	c015	
19	Feature Activate	7.7.16	n/a	
20	Feature Indicate	7.7.17	c06	
21	Network parameter	7.7.29	n/a	
22	Terminal capability	7.7.41	n/a	
23	End-to-end compatibility	7.7.14	c2805	
24	Rate parameters	7.7.33	c2806	
25	Transit delay	7.7.42	c2808	
26	Window size	7.7.43	c2808	
27	Calling party number	7.7.9	c2804	
38	Called party number	7.7.7	o	
29	Called party subaddress	7.7.8	o	
30	Sending complete	7.6.2	o	
31	Repeat indicator "non-prioritised list"	7.6.3	o.02	
32	IWU-to-IWU	7.7.23	o.02	
33	IWU-PACKET	7.7.22	o	

c2801: IF A.136/3 = '1111'B THEN m ELSE n/a
c2802: IF A.136/3 = '1111'B THEN m ELSE n/a
c2803: IF A.24/1 THEN m ELSE n/a
c2804: IF A.15/8 THEN m ELSE n/a
c2805: IF A.251/26 = '00001'B THEN m ELSE o
c2806: IF A.251/26 = ('00001'B OR '00111'B OR '01000'B OR '01001'B) THEN m ELSE o
c2807: IF A.18/11 THEN o ELSE n/a
c2708: IF A.24/3 THEN o.2801 ELSE n/a
o.2801: It is mandatory to support at least one of these options

Table A.29: CC-INFO receiving (P to F) supported

Item	CC-INFO receiving (P to F) Information element name	Reference	Status	Support
Prerequisite: A.25/2				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Location area	7.7.25	c04	
3	NWK assigned identity	7.7.28	c04	
4	Repeat indicator "non-prioritised list"	7.6.3	o.01	
5	Facility	7.7.15	c02	
6	Repeat indicator "non-prioritised list"	7.6.3	x	
7	Progress Indicator	7.7.31	x	
8	Display	7.5.5	x	
9	Keypad	7.5.5	c2901	
10	Signal	7.6.8	x	
11	Feature activate	7.7.16	c03	
12	Feature indicate	7.7.17	x	
13	Network parameter	7.7.29	c04	
14	Called party number	7.7.7	c2901	
15	Called party subaddress	7.7.8	c2902	
16	Sending complete	7.6.2	c2903	
17	Test hook control	7.6.10	x	
18	Repeat indicator "non-prioritised list"	7.6.3	o.02	
19	IWU-to-IWU	7.7.23	o.02	
20	IWU-packet	7.7.22	o	

c2901: IF A.18/6 THEN o.2901 ELSE o
c2902: IF A.29/14 THEN o ELSE n/a
c2903: IF A.13/7 AND A.29/14 THEN m ELSE n/a
o.2901: It is mandatory to support exactly one of these options

Table A.30: CC-INFO sending (F to P) supported

Item	CC-INFO sending (F to P) Information element name	Reference	Status	Support
Prerequisite: A.26/2				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Location area	7.7.25	n/a	
3	NWK assigned identity	7.7.28	n/a	
4	Repeat indicator "non-prioritised list"	7.6.3	o.01	
5	Facility	7.7.15	c05	
6	Repeat indicator "non-prioritised list"	7.6.3	o.03	
7	Progress Indicator	7.7.31	c08	
8	Display	7.5.5	c07	
9	Keypad	7.5.5	n/a	
10	Signal	7.6.8	c015	
11	Feature activate	7.7.16	n/a	
12	Feature indicate	7.7.17	c06	
13	Network parameter	7.7.29	n/a	
14	Called party number	7.7.7	o	
15	Called party subaddress	7.7.8	o	
16	Sending complete	7.6.2	o	
17	Test hook control	7.6.10	o	
18	Repeat indicator "non-prioritised list"	7.6.3	o.02	
19	IWU-to-IWU	7.7.23	o.02	
20	IWU-packet	7.7.22	o	

Table A.31: CC-SETUP-ACK sending (F to P) supported

Item	CC-SETUP-ACK sending (F to P) Information element name	Reference	Status	Support
Prerequisite: A.26/3
1	Message header	7.2, 7.3, 7.4.1	m	
2	Info type	7.7.20	c04	
3	Portable identity	7.7.30	o	
4	Fixed identity	7.7.18	o	
5	Location area	7.7.25	o	
6	Call attributes	7.7.5	c01	
7	Connection identity	7.7.12	o	
8	Repeat indicator "non-prioritised list"	7.6.3	o.01	
9	Facility	7.7.15	c05	
10	Repeat indicator "non-prioritised list"	7.6.3	o.03	
11	Progress indicator	7.7.31	c08	
12	Display	7.5.5	c07	
13	Signal	7.6.8	c015	
14	Feature indicate	7.7.17	c06	
15	Transit delay	7.7.42	c09	
16	Window size	7.7.43	c10	
17	Delimiter request	7.6.2	c3101	
18	Repeat indicator "non-prioritised list"	7.6.3	o.02	
19	IWU-to-IWU	7.7.23	o.02	
20	IWU-packet	7.7.22	o	

c3101: IF A.13/8 THEN m ELSE n/a

Table A.32: CC-CALL-PROC sending (F to P) supported

Item	CC-CALL-PROC sending (F to P) Information element name	Reference	Status	Support
Prerequisite: A.26/4
1	Message header	7.2, 7.3, 7.4.1	m	
2	Call attributes	7.7.11	c01	
3	Connection identity	7.7.12	o	
4	Repeat indicator "non-prioritised list"	7.6.3	o.01	
5	Facility	7.7.15	c05	
6	Repeat indicator "non-prioritised list"	7.6.3	o.03	
7	Progress indicator	7.7.31	c08	
8	Display	7.5.5	c07	
9	Signal	7.6.8	c015	
10	Feature indicate	7.7.17	c06	
11	Transit delay	7.7.42	c09	
12	Window size	7.7.43	c10	
13	Repeat indicator "non-prioritised list"	7.6.3	o.02	
14	IWU-to-IWU	7.7.23	o.02	
15	IWU-PACKET	7.7.22	o	

Table A.33: CC-ALERTING receiving (P to F) supported

Item	CC-ALERTING receiving (P to F) Information element name	Reference	Status	Support
... Prerequisite: A.25/5				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Call attributes	7.7.11	c01	
3	Connection identity	7.7.12	o	
4	Repeat indicator "non-prioritised list"	7.6.3	x	
5	Facility	7.7.15	o	
6	Repeat indicator "non-prioritised list"	7.6.3	x	
7	Progress Indicator	7.7.31	x	
8	Display	7.5.5	x	
9	Signal	7.6.8	x	
10	Feature indicate	7.7.17	x	
11	Terminal capability	7.7.41	o	
12	Transit delay	7.7.42	c11	
13	Window size	7.7.43	c12	
14	Repeat indicator "non-prioritised list"	7.6.3	x	
15	IWU-to-IWU	7.7.23	o	
16	IWU-PACKET	7.7.22	o	

Table A.34: CC-ALERTING sending (F to P) supported

Item	CC-ALERTING sending (F to P) Information element name	Reference	Status	Support
... Prerequisite: A.26/5				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Call attributes	7.7.11	c01	
3	Connection identity	7.7.12	o	
4	Repeat indicator "non-prioritised list"	7.6.3	o.01	
5	Facility	7.7.15	c05	
6	Repeat indicator "non-prioritised list"	7.6.3	o.03	
7	Progress Indicator	7.7.31	c08	
8	Display	7.5.5	c07	
9	Signal	7.6.8	c015	
10	Feature indicate	7.7.17	c06	
11	Terminal capability	7.7.41	n/a	
12	Transit delay	7.7.42	c09	
13	Window size	7.7.43	c10	
14	Repeat indicator "non-prioritised list"	7.6.3	o.02	
15	IWU-to-IWU	7.7.23	o.02	
16	IWU-PACKET	7.7.22	o	

Table A.35: CC-CONNECT receiving (P to F) supported

Item	CC-CONNECT receiving (P to F) Information element name	Reference	Status	Support
Prerequisite: A.25/6				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Call attributes	7.7.11	c01	
3	Connection identity	7.7.12	o	
4	Repeat indicator "non-prioritised list"	7.6.3	x	
5	Facility	7.7.15	c02	
6	Repeat indicator "non-prioritised list"	7.6.3	x	
7	Progress indicator	7.7.31	x	
8	Display	7.5.5	x	
9	Signal	7.6.8	x	
10	Feature indicate	7.7.17	x	
11	Terminal capability	7.7.41	o	
12	Transit delay	7.7.42	c11	
13	Window size	7.7.43	c12	
14	Repeat indicator "non-prioritised list"	7.6.3	x	
15	IWU-to-IWU	7.7.23	o	
16	IWU-PACKET	7.7.22	o	

Table A.36: CC-CONNECT sending (F to P) supported

Item	CC-CONNECT sending (F to P) Information element name	Reference	Status	Support
Prerequisite: A.26/6				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Call attributes	7.7.11	c01	
3	Connection identity	7.7.12	o	
4	Repeat indicator "non-prioritised list"	7.6.3	o.01	
5	Facility	7.7.15	c05	
6	Repeat indicator "non-prioritised list"	7.6.3	o.03	
7	Progress indicator	7.7.31	c08	
8	Display	7.5.5	c07	
9	Signal	7.6.8	c015	
10	Feature indicate	7.7.17	c06	
11	Terminal capability	7.7.41	n/a	
12	Transit delay	7.7.42	c09	
13	Window size	7.7.43	c10	
14	Repeat indicator "non-prioritised list"	7.6.3	o.02	
15	IWU-to-IWU	7.7.23	o.02	
16	IWU-PACKET	7.7.22	o	

Table A.37: CC-CONNECT-ACK sending (F to P) supported

Item	CC-CONNECT-ACK sending (F to P) Information element name	Reference	Status	Support
Prerequisite: A.26/7				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Display	7.5.5	c07	
3	Feature indicate	7.7.17	c06	
4	Repeat indicator "non-prioritised list"	7.6.3	o.02	
5	IWU-to-IWU	7.7.23	o.02	
6	IWU-PACKET	7.7.22	o	

Table A.38: CC-RELEASE receiving (P to F) supported

Item	CC-RELEASE receiving (P to F) Information element name	Reference	Status	Support
Prerequisite: A.25/8			
1	Message header	7.2, 7.3, 7.4.1	m	
2	Release reason	7.6.7	c13	
3	Repeat indicator "non-prioritised list"	7.6.3	x	
4	Facility	7.7.15	x	
5	Repeat indicator "non-prioritised list"	7.6.3	x	
6	Progress indicator	7.7.31	c08	
7	Display	7.5.5	x	
8	Feature indicate	7.7.17	x	
9	Repeat indicator "non-prioritised list"	7.6.3	x	
10	IWU-to-IWU	7.7.23	o	
11	IWU-PACKET	7.7.22	o	

Table A.39: CC-RELEASE sending (F to P) supported

Item	CC-RELEASE sending (F to P) Information element name	Reference	Status	Support
Prerequisite: A.26/8			
1	Message header	7.2, 7.3, 7.4.1	m	
2	Release reason	7.6.7	c13	
3	Repeat indicator "non-prioritised list"	7.6.3	o.01	
4	Facility	7.7.15	c05	
5	Repeat indicator "non-prioritised list"	7.6.3	o.03	
6	Progress indicator	7.7.31	c08	
7	Display	7.5.5	c07	
8	Feature indicate	7.7.17	c06	
9	Repeat indicator "non-prioritised list"	7.6.3	o.02	
10	IWU-to-IWU	7.7.23	o.02	
11	IWU-PACKET	7.7.22	o	

Table A.40: CC-RELEASE-COM receiving (P to F) supported

Item	CC-RELEASE-COM receiving (P to F) Information element name	Reference	Status	Support
Prerequisite: A.25/9			
1	Message header	7.2, 7.3, 7.4.1	m	
2	Release reason	7.6.7	o	
3	Identity type	7.7.19	x	
4	Location area	7.7.25	x	
5	IWU attributes	7.7.21	c4001	
6	Repeat indicator "non-prioritised list"	7.6.3	x	
7	Facility	7.7.15	x	
8	Display	7.5.5	x	
9	Feature indicate	7.7.17	x	
10	Network parameter	7.7.29	x	
11	Repeat indicator "non-prioritised list"	7.6.3	x	
12	IWU-to-IWU	7.7.23	o	
13	IWU-PACKET	7.7.22	o	

c4001: IF A.24/2 THEN m ELSE n/a

Table A.41: CC-RELEASE-COM sending (F to P) supported

Item	CC-RELEASE-COM sending (F to P) Information element name	Reference	Status	Support
Prerequisite: A.26/9				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Release reason	7.6.7	o	
3	Identity type	7.7.19	c14	
4	Location area	7.7.25	c14	
5	IWU attributes	7.7.21	c4101	
6	Repeat indicator "non-prioritised list"	7.6.3	o.01	
7	Facility	7.7.15	c05	
8	Display	7.5.5	c07	
9	Feature indicate	7.7.17	c06	
10	Network parameter	7.7.29	c14	
11	Repeat indicator "non-prioritised list"	7.6.3	o.02	
12	IWU-to-IWU	7.7.23	o.02	
13	IWU-PACKET	7.7.22	o	

D.3 Connection Related Supplementary Service (CRSS) and Connection Independent Supplementary Service (CISS) messages

The new format of the messages, provided below, allows the use of facility, progress indicator and Iwu-to-Iwu information elements.

Table A.88: FACILITY-ciss receiving (P to F) supported

Item	FACILITY-ciss receiving (P to F) Information element name	Reference	Status	Support
Prerequisite: A.86/1				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Repeat indicator "non-prioritised list"	7.6.3	x	
3	Facility	7.7.15	o	
4	Display	7.5.5	x	
5	Keypad	7.5.5	o	
6	Feature activate	7.7.16	o	
7	Feature indicate	7.7.17	x	
8	Repeat indicator "non-prioritised list"	7.6.3	x	
9	IWU to IWU	7.7.23	o	

Table A.89: FACILITY-ciss sending (F to P) supported

Item	FACILITY-ciss sending (F to P) Information element name	Reference	Status	Support
Prerequisite: A.87/1				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Repeat indicator "non-prioritised list"	7.6.3	o.01	
3	Facility	7.7.15	o.01	
4	Display	7.5.5	o	
5	Keypad	7.5.5	n/a	
6	Feature activate	7.7.16	n/a	
7	Feature indicate	7.7.17	o	
8	Repeat indicator "non-prioritised list"	7.6.3	o.02	
9	IWU to IWU	7.7.23	o.02	

Table A.95: HOLD-REJECT sending (F to P) supported

Item	HOLD-REJECT sending (F to P) Information element name	Reference	Status	Support
Prerequisite: A.87/4				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Display	7.5.5	o	
3	Reject reason	7.7.34	o	
4	Repeat indicator "non-prioritised list"	7.6.3	o.02	
5	IWU to IWU	7.7.23	o.02	

Table A.101: RETRIEVE-REJECT sending (F to P) supported

Item	RETRIEVE-REJECT sending (F to P) Information element name	Reference	Status	Support
Prerequisite: A.87/7				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Display	7.5.5	o	
3	Reject reason	7.7.34	o	
4	Repeat indicator "non-prioritised list"	7.6.3	o.02	
5	IWU to IWU	7.7.23	o.02	

Table A.102: CISS-REGISTER receiving (P to F) supported

Item	CISS-REGISTER receiving (P to F) Information element name	Reference	Status	Support
Prerequisite: A.86/8				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Repeat indicator "non-prioritised list"	7.6.3	x	
3	Facility	7.7.15	o	
4	Display	7.5.5	x	
5	Keypad	7.5.5	o	
6	Feature activate	7.7.16	o	
7	Feature indicate	7.7.17	x	

Table A.103: CISS-REGISTER sending (F to P) supported

Item	CISS-REGISTER sending (F to P) Information element name	Reference	Status	Support
Prerequisite: A.87/8				
1	Message header	7.2, 7.3, 7.4.1	m	
2	Repeat indicator "non-prioritised list"	7.6.3	o.01	
3	Facility	7.7.15	o.01	
3	Display	7.5.5	o	
4	Keypad	7.5.5	n/a	
5	Feature activate	7.7.16	n/a	
6	Feature indicate	7.7.17	o	

Table A.104: CISS-RELEASE-COM receiving (P to F) supported

Item	CISS-RELEASE-COM receiving (P to F) Information element name	Reference	Status	Support
	Prerequisite: A.86/9			
1	Message header	7.2, 7.3, 7.4.1	m	
2	Release reason	7.6.7	o	
3	Repeat indicator "non-prioritised list"	7.6.3	x	
4	Facility	7.7.15	o	
5	Display	7.5.5	x	
6	Keypad	7.5.5	o	
7	Feature activate	7.7.16	o	
8	Feature indicate	7.7.17	x	

Table A.105: CISS-RELEASE-COM sending (F to P) supported

Item	CISS-RELEASE-COM sending (F to P) Information element name	Reference	Status	Support
	Prerequisite: A.87/9			
1	Message header	7.2, 7.3, 7.4.1	m	
2	Release reason	7.6.7	o	
3	Repeat indicator "non-prioritised list"	7.6.3	o.01	
4	Facility	7.7.15	o.01	
5	Display	7.5.5	o	
6	Keypad	7.5.5	n/a	
7	Feature activate	7.7.16	n/a	
8	Feature indicate	7.7.17	o	

D.4 Information elements

In table A.209, the column "Value allowed" is updated for items 11, 14, 17, 20 to allow the use of LU7 identification and FU7 frame type.

Table A.209: Call attributes supported

Item	Call attributes Name of field	Ref.	Status	Sp.	Value allowed	Value sp.
Prerequisite: A.27/7 OR A.33/2 OR A.35/2 OR A.28/7 OR A.31/6 OR A.32/2 OR A.34/2 OR A.36/2
1	ID of call attributes	7.7.1	m		'00010011'B	
2	Length of Contents (L)	7.7.5	m		c20903	
3	Oct3_ext_bit	7.7.5	m		'1'B	
4	Coding standard	7.7.5	m		'00'B	
5	Network layer attributes	7.7.5	m		'00000'B, '00001'B	
6	Oct4_ext_bit	7.7.5	m		'1'B	
7	C-plane class	7.7.5	m		'000'B, '010'B, '100'B, '101'B	
8	C-plane routing	7.7.5	m		'0000'B, '0001'B, '0010'B, '0100'B, '1100'B	
9	Oct5_ext_bit	7.7.5	m		c20901	
10	U-plane symmetry	7.7.5	m		'00'B, '10'B	
11	LU identification (P => F direction)	7.7.5	m		'00001'B .. '00111'B, '10000'B	
12	Oct5a_ext_bit	7.7.5	c20902		'1'B	
13	Oct5a_spare	7.7.5	c20902		'00'B	
14	LU identification (F => P direction)	7.7.5	c20902		'00001'B .. '00111'B, '10000'B	
15	Oct6_ext_bit	7.7.5	m		c20901	
16	U-plane class (P => F direction)	7.7.5	m		'000'B .. '010'B, '100'B .. '111'B	
17	U-plane frame type (P => F direction)	7.7.5	m		'0001'B .. '0111'B	
18	Oct6a_ext_bit	7.7.5	c20902		'1'B	
19	U-plane class (F => P direction)	7.7.5	c20902		'000'B ..' 010'B, '100'B .. '111'B	
20	U-plane frame type (F => P direction)	7.7.5	c20902		'0001'B .. '0111'B	

c20901: IF A.209/10 = '10'B THEN ('0'B, '1'B) ELSE ('0'B)
c20902: IF A.209/10 = '10'B THEN m ELSE x
c20903: IF A.209/10 = '10'B THEN (0, 4, 6) ELSE (0, 4)

In table A.258, the column "Value allowed" is updated for item 5 to allow the use of a new protocol discriminator value.

Table A.258: IWU-to-IWU supported

Prerequisite: A.27/33 OR A.29/16 OR A.33/12 OR A.35/12 OR A.38/6 OR A.40/10 OR A.49/4 OR A.55/6 OR A.60/7 OR A.64/7 OR A.66/7 OR A.71/5 OR A.72/4 OR A.73/14 OR A.78/9 OR A.81/8 OR A.108/10 OR A.110/6 OR A.114/4 OR A.116/4 OR A.118/7 OR A.122/8 OR A.28/34 OR A.30/17 OR A.32/12 OR A.34/13 OR A.36/13 OR A.37/5 OR A.39/7 OR A.41/11 OR A.50/5 OR A.53/14 OR A.70/5 OR A.74/6 OR A.76/6 OR A.79/8 OR A.82/7 OR A.83/5 OR A.109/10 OR A.111/6 OR A.115/4 OR A.117/4 OR A.119/7 OR A.123/8					
Item	**IWU-to-IWU Name of field**	**Ref.**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	ID of IWU-to-IWU	7.7.1	m		'01110111'B	
2	Length of Contents (L)	7.7.23	m		0, A.258/6.len_o + 1	
3	Oct3_ext_bit	7.7.23	m		'1'B	
4	Send/reject	7.7.23	m		'0'B, '1'B	
5	Protocol Discriminator	7.7.23	m		'000000'B, '000001'B, '000010'B, '000100'B, '000111'B, '001000'B, '001001'B, '001010'B, '010000'B, '010001'B, '111111'B	
6	IWU to IWU information (group of octets)	7.7.23	m		len_o: 1 .. 254 val: '00000000'B .. '11111111'B	

In table A.285, the column "Value allowed" is updated for item 6 to allow the use of a new code point for "international network" ("10100"B).

Table A.285: Progress indicator supported

Item	Progress indicator Name of field	Ref.	Stat.	Sp.	Value allowed	Value sp.
Prerequisite: A.28/17 OR A.30/5 OR A.31/9 OR A.32/5 OR A.34/5 OR A.36/5						
1	ID of progress indicator	7.7.1	m		'00011110'B	
2	Length of contents (L)	7.7.31	m		0, 2	
3	Oct3_ext_bit	7.7.31	m		'1'B	
4	Coding standard	7.7.31	m		'00'B .. '11'B	
5	Oct3_subfield	7.7.31	m		'0'B	
6	Location	7.7.31	m		'0000'B, .. '0010'B, '0100'B, '0101'B, '0111'B, '1010'B, '1111'B	
7	Oct4_ext_bit	7.7.31	m		'1'B	
8	Progress description	7.7.31	m		'0000001'B, '0000010'B, '0000011'B, '0000100'B, '0001000'B, '0001001'B	

D.5   Timers and constants support

In table A.314, the column "Value allowed" is updated for item 2 to increase the value of the CC_02 timer from 30 to 36 s.

Table A.314: Timers and constants supported

Item	Timers and constants	Reference	Status	Support	Value allowed	Value supported
1	CC.01	A.1	n/a		-	
2	CC.02	A.1	c31401		36 sec	
3	CC.03	A.1	c31402		20 sec	
4	CC.04	A.1	c31403		100 sec	
5	CC.05	A.1	c31404		10 sec	
6	COMS.00	A.3	c31405		5 sec	
7	COMS.01	A.3	c31406		2 sec	
8	COMS.02	A.3	c31407		10 sec	
9	COMS.03	A.3	c31408		10 sec	
10	CLMS.00	A.4	c31409		5 sec	
11	MM_access.1	A.5	c31410		60 sec	
12	MM_access.2	A.5	c31411		20 sec	
13	MM_auth.1	A.5	c31412		10 sec	
14	MM_auth.2	A.5	n/a		-	
15	MM_cipher.1	A.5	n/a		-	
16	MM_cipher.2	A.5	c31413		10 sec	
17	MM_ident.1	A.5	n/a		-	
18	MM_ident.2	A.5	n/a		-	
19	MM_key.1	A.5	n/a		-	
20	MM_locate.1	A.5	c31414		20 sec	
21	MM_wait	A.5	c31415		5 min	
22	LCE.01	A.6	c31416		5 sec	
23	LCE.02	A.6	c31417		10 sec	
24	LCE.03	A.6	n/a		-	
25	LCE.04	A.6	c31418		5 sec	
26	N300	A.7	n/a		-	

c31401: IF A.18/31 THEN m ELSE n/a
c31402: IF A.18/32 THEN m ELSE n/a
c31403: IF A.18/33 THEN o ELSE n/a
c31404: IF A.18/34 THEN m ELSE n/a
c31405: IF A.21/10 THEN m ELSE n/a
c31406: IF A.21/11 THEN m ELSE n/a
c31407: IF A.21/12 THEN m ELSE n/a
c31408: IF A.21/13 THEN m ELSE n/a
c31409: IF A.22/3 THEN m ELSE n/a
c31410: IF A.19/22 THEN m ELSE n/a
c31411: IF A.19/23 THEN m ELSE n/a
c31412: IF A.19/24 THEN m ELSE n/a
c31413: IF A.19/25 THEN m ELSE n/a
c31414: IF A.19/26 THEN m ELSE n/a
c31415: IF A.19/27 THEN m ELSE n/a
c31416: IF A.23/11 THEN m ELSE n/a
c31417: IF A.23/12 THEN m ELSE n/a
c31418: IF A.23/13 THEN m ELSE n/a

History

Document history		
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