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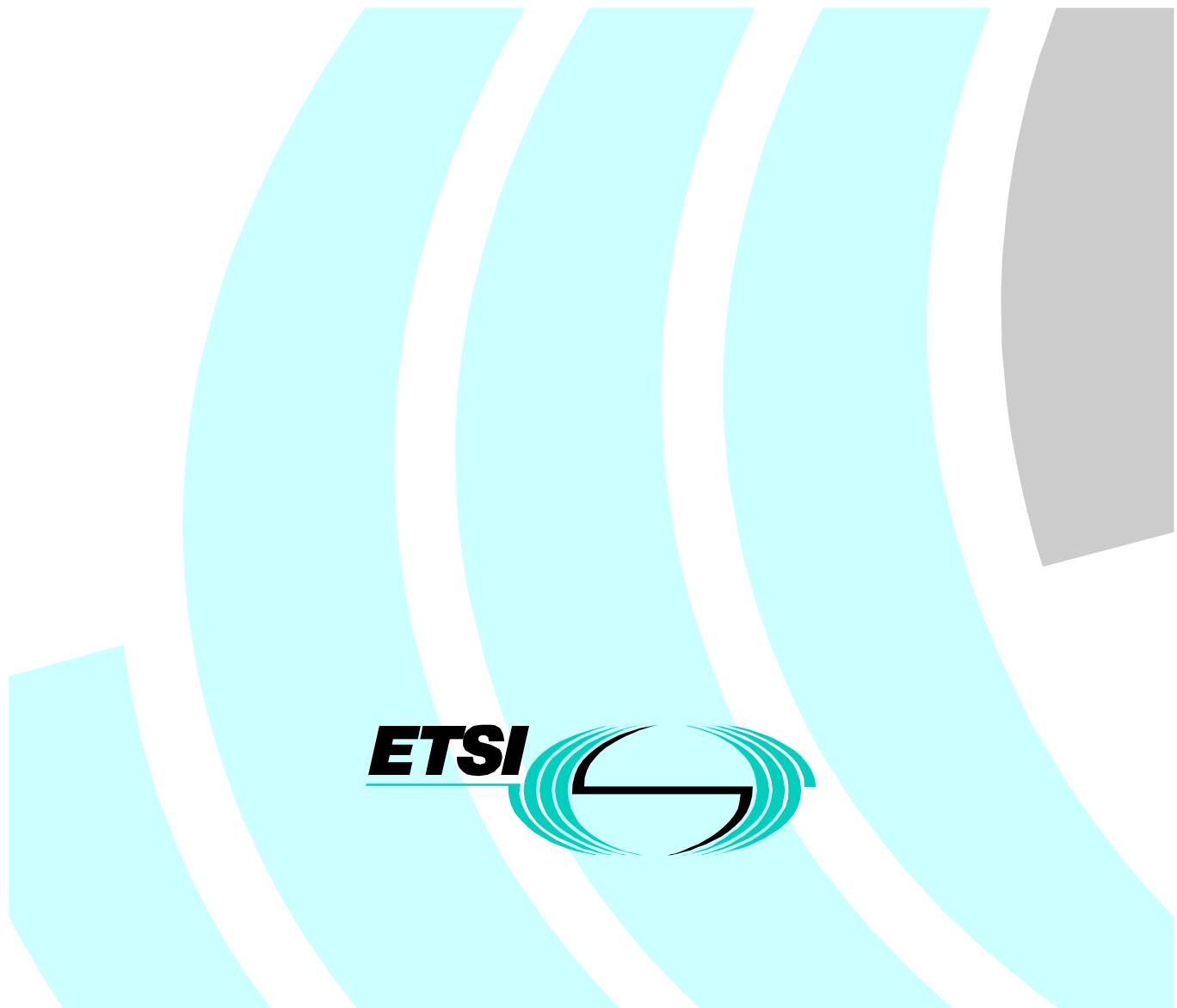
Technical Specification

**Digital Enhanced Cordless Telecommunications (DECT);
Data Services Profile (DSP);
Isochronous data bearer services with roaming capability
(Service Type D, mobility class 2);
Profile requirement list and profile specific
Implementation Conformance Statement (ICS) proforma;
Part 2: Fixed radio Termination (FT)**

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Reference

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Keywords

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Foreword

This Technical Specification (TS) has been produced by ETSI Project Digital Enhanced Cordless Telecommunications (DECT).

The present document is part 2 of a multi-part deliverable covering the Data Services Profile (DSP); Isochronous data bearer services with roaming capability (Service Type D, mobility class 2); Profile requirement list and profile specific Implementation Conformance Statement (ICS) proforma; as identified below:

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

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

Annex A contains the requirement lists for the FT Data Service Profile D.2.

Annex B contains the profile-specific ICS proforma for the FT Data Service Profile D.2.

1 Scope

The present document provides the profile requirement list and profile-specific Implementation Conformance Statement (profile ICS) proforma for the Digital Enhanced Cordless Telecommunications (DECT) Data Services Profile (DSP) Isochronous data bearer services with roaming mobility (service type D, mobility class 2) at the Fixed radio Termination (FT) as defined in EN 301 238 [1] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [9].

The supplier of an implementation which is claimed to conform to EN 301 238 [1] is required to:

- complete a copy of the Protocol Implementation Conformance Statement (PICS) proforma EN 300 476, parts 4 [3] to 7 [6] and with the replacements from annex A of the present document;

- complete a copy of the profile-specific ICS proforma provided in the annex B of the present document.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication and/or edition number or version number) or non-specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies.

[1]   ETSI EN 301 238: "Digital Enhanced Cordless Telecommunications (DECT); Data Services Profile (DSP); Isochronous data bearer services with roaming mobility (service type D, mobility class 2)".

[2]   ETSI EN 300 444: "Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP)".

[3]   ETSI EN 300 476-4: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 4: Network (NWK) layer - Fixed radio Termination (FT)".

[4]   ETSI EN 300 476-5: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 5: Data Link Control (DLC) layer - Fixed radio Termination (FT)".

[5]   ETSI EN 300 476-6: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 6: Medium Access Control (MAC) layer - Fixed radio Termination (FT)".

[6]   ETSI EN 300 476-7: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 7: Physical layer".

[7]   ETSI ETS 300 474-2: "Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile requirement list and profile specific Implementation Conformance Statement (ICS) proforma; Part 2: Fixed radio Termination (FT)".

[8]   ISO/IEC 9646-1 (1995): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".

[9]   ISO/IEC 9646-7 (1995): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

   a) the terms defined in ISO/IEC 9646-7 [9];

   b) the definitions in EN 301 238 [1]; and

   c) the following terms defined in ISO/IEC 9646-1 [8]:

   - PICS proforma;

   - profile Implementation Conformance Statement (profile ICS).

3.2 Abbreviations

For the purposes of the present document, the abbreviations defined in ISO/IEC 9646-1 [8] and EN 301 238 [1] 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 EN 301 238 [1] shall verify that his protocol implementation meets the profile Requirements Lists (RLs) for each DECT protocol layer, contained in annex A of the present document, and shall complete a copy of the profile-specific ICS proforma provided in annex B and shall provide the information necessary to identify both the supplier and the implementation.

Annex A (normative):
Requirement lists for FT

A.1　　Profile Requirement List (profile RL)

The supplier of an implementation which is claimed to conform to EN 301 238 [1] is required to:

- complete a copy of the Protocol Implementation Conformance Statement (PICS) proforma EN 300 476, parts 4 [3] to 7 [6] with the replacements from annex A of the present document.

The profile RL is produced:

- in the case that a requirement of EN 301 238 [1] applies which is covered in EN 300 444 [2], by referencing to ETS 300 474-2 [7];

- in the case that a requirement of EN 301 238 [1] applies which is not covered in EN 300 444 [2], by modifying tables from EN 300 476, parts 4 [3] to 7 [6].

Thus the profile RL gives a detailed description of the requirements of EN 301 238 [1] which deviate from the requirements of EN 300 444 [2].

The status statements apply to the Residential/Business (R/B) environment as well as to the Public (P) environment.

Status column

The standardized 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 a 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 EN 301 238 [1], except where explicitly stated otherwise.

A.2   NWK layer - FT: profile Requirement List (profile RL)

To express the profile requirements of EN 301 238 [1], clause A.2 of ETS 300 474-2 [7] shall apply with the following modifications.

A.2.1   Major capabilities

A.2.1.1   Procedures

Table A.1 indicates the change of status for the NWK layer LLME procedures in clause A.5.1.7 of EN 300 476-4 [3].

Table A.1: EN 300 476-4 [3], table A.24: LLME procedures

Item	LLME procedure	Reference	Status
2	mgt_exchanged_attribute_negotiation	J.2	m

A.2.2   Messages

A.2.2.1   Call control messages

Table A.2 indicates the change of status for the NWK layer message CC-SETUP (Receiving, PT to FT) in clause A.5.2.1 of EN 300 476-4 [3].

Table A.2: EN 300 476-4 [3], table A.27: CC-SETUP (Receiving, PT to FT)

Item	CC-SETUP (Receiving, PT to FT) Information element name	Reference	Status
6	IWU attributes	K.1	m

Table A.3 indicates the change of status for the NWK layer message CC-SETUP (Sending, FT to PT) in clause A.5.2.1 of EN 300 476-4 [3].

Table A.3: EN 300 476-4 [3], table A.28: CC-SETUP (Sending, FT to PT)

Item	CC-SETUP (Sending, FT to PT) Information element name	Reference	Status
6	IWU attributes	K.1	m

Table A.4 indicates the change of status for the NWK layer message CC-RELEASE (Receiving, PT to FT) in clause A.5.2.1 of EN 300 476-4 [3].

Table A.4: EN 300 476-4 [3], table A.39: CC-RELEASE (Receiving, PT to FT)

Item	CC-RELEASE (Receiving, PT to FT) Information element name	Reference	Status
2	Release reason	K.1	m

Table A.5 indicates the change of status for the NWK layer message CC-RELEASE (Sending, FT to PT) in clause A.5.2.1 of EN 300 476-4 [3].

Table A.5: EN 300 476-4 [3], table A.40: CC-RELEASE (Sending, FT to PT)

Item	CC-RELEASE (Sending, FT to PT) Information element name	Reference	Status
2	Release reason	K.1	m

Table A.6 indicates the change of status for the NWK layer message CC-RELEASE-COM (Receiving, PT to FT) in clause A.5.2.1 of EN 300 476-4 [3].

Table A.6: EN 300 476-4 [3], table A.41: CC-RELEASE-COM (Receiving, PT to FT)

Item	CC-RELEASE-COM (Receiving, PT to FT) Information element name	Reference	Status
2	Release reason	K.2	m

Table A.7 indicates the change of status for the NWK layer message CC-RELEASE-COM (Sending, FT to PT) in clause A.5.2.1 of EN 300 476-4 [3].

Table A.7: EN 300 476-4 [3], table A.42: CC-RELEASE-COM (Sending, FT to PT)

Item	CC-RELEASE-COM (Sending, FT to PT) Information element name	Reference	Status
2	Release reason	K.1	m

A.2.3   Information elements

A.2.3.1   Fixed length information element

Table A.8 indicates the change of status and the change of values for the NWK layer information element Basic service - Normal call set-up in clause A.5.3.1 of EN 300 476-4 [3].

Table A.8: EN 300 476-4 [3], table A.139: Basic service - Normal call set-up

Item	Basic service - Normal call set-up Name of field	Reference	Status	Value allowed
3	Basic service	K.1	m	'1111'B

A.3   DLC layer - FT: profile Requirement List (profile RL)

A.3.1   32 kbit/s unprotected service

If LU1 - Transparent Unprotected service (TRUP) is supported then the following applies:

To express the profile requirements of EN 301 238 [1], the clause A.3 of ETS 300 474-2 [7] shall apply.

A.3.2   Unprotected rate adaption service

If LU9 - Unprotected Rate Adaption for V.series Equipment service (RAVE) is supported then the following applies:

To express the profile requirements of EN 301 238 [1], the C-plane requirements of clause A.3 of ETS 300 474-2 [7] shall apply.

To express the profile requirements of EN 301 238 [1], the U-plane requirements of annex B.5.2 apply.

A.4 MAC layer - FT: profile Requirement List (profile RL)

To express the profile requirements of EN 301 238 [1], the clause A.4 of ETS 300 474-2 [7] shall apply with the following modifications:

A.4.1 Major capabilities

A.4.1.1 Services

A.4.1.1.1 Connection oriented control services

Table A.9 indicates the change of status for the MAC layer Connection oriented control services in clause A.5.1.1 of EN 300 476-6 [5].

Table A.9: EN 300 476-6 [5], table A.10: Connection oriented control services

Item	Connection oriented control service	Reference	Status
1	Basic connections	F.1	c901
2	Advanced symmetric connections	F.1	c902
c901:	IF B.11/1 THEN m ELSE i.		
c902:	IF B.11/2 THEN m ELSE i.		

Table A.10 indicates the change of status for the MAC layer Connection services in clause A.5.1.1 of EN 300 476-6 [5].

Table A.10: EN 300 476-6 [5], table A.11: Connection services

Item	Connection service	Reference	Status
1	Connection setup	F.1, F.2	m
2	Connection modification	F.2	c1001
3	Connection data transfer	F.1, F.2	m
4	Connection release	F.1, F.2	m
c1001:	IF B.11/2 THEN m ELSE i.		

Table A.11 indicates the change of status for the MAC layer Symmetric connection oriented services in clause A.5.1.1 of EN 300 476-6 [5].

Table A.11: EN 300 476-6 [5], table A.12: Symmetric connection oriented services

Item	Symmetric connection oriented service	Reference	Status
1	Type 1 IN_minimum_delay	F.1	c1101
2	Type 2 IN_normal_delay	F.1	c1102
c1101:	IF B.11/1 THEN m ELSE i.		
c1102:	IF B.11/2 THEN m ELSE i.		

A.4.1.1.2   Management services

Table A.12 indicates the change of status for the MAC layer Handover services management in clause A.5.1.5 of EN 300 476-6 [5].

Table A.12: EN 300 476-6 [5], table A.25: Handover services management

Item	Handover service	Reference	Status
1	Connection handover	F.1	c1201
c1201:	IF (B.11/1 OR B.12/10) THEN m ELSE i.		

A.4.1.2 Procedures

A.4.1.2.1   Connection setup procedures

Table A.13 indicates the change of status for the MAC layer C/O single bearer setup procedures in clause A.5.2.1.1 of EN 300 476-6 [5].

Table A.13: EN 300 476-6 [5], table A.26: C/O single bearer setup procedures

Item	Name of procedure	Reference	Status
1	Basic setup, single bearer basic connection of known service (Setup of basic connection, basic bearer setup (A-field))	F.1	c1301
2	Normal setup, single bearer duplex connection known service	F.1	c1302
c1301:	IF B.11/1 THEN m ELSE i.		
c1302:	IF B.11/2 THEN m ELSE i.		

Table A.14 indicates the change of status for the MAC layer C/O bearer setup procedures in clause A.5.2.1.1 of EN 300 476-6 [5].

Table A.14: EN 300 476-6 [5], table A.29: C/O bearer setup procedures

Item	Name of procedure	Reference	Status
1	Basic bearer setup	F.1	c1401
2	PT initiated - A-field advanced single bearer setup	10.2.3, F.1	c1402
c1401:	IF B.11/1 THEN m ELSE i.		
c1402:	IF B.11/2 THEN m ELSE i.		

A.4.1.2.2   Connection modification procedures

Table A.15 indicates the change of status for the MAC layer C/O connection modification procedures in clause A.5.2.1.2 of EN 300 476-6 [5].

Table A.15: EN 300 476-6 [5], table A.30: C/O connection modification procedures

Item	Name of procedure	Reference	Status
1	Advanced connection bandwidth modification	-	i
2	Advanced connection service type modification	-	i
3	Advanced connection slot type modification full to double FT initiated	-	i
4	Advanced connection slot type modification full to double PT initiated	-	i
5	Advanced connection slot type modification double to full	-	i
6	Connection type modification only basic to advanced	F.2	o
7	Connection type modification only advanced to basic	F.2	o
8	Connection type with slot type full to double modification	-	i
9	Modulation type modification	-	i

A.4.1.2.3   Handover procedures

Table A.16 indicates the change of status for the MAC layer Handover procedures in clause A.5.2.1.4 of EN 300 476-6 [5].

Table A.16: EN 300 476-6 [5], table A.32: Handover procedures

Item	Name of procedure	Reference	Status
1	Connection handover	F.1	c1601
c1601:	IF A.12/1 THEN m ELSE n/a.		

A.4.2   Messages

A.4.2.1   A-field system information (Q_T) messages

Table A.17 indicates the change of status for the MAC layer A-field system information (Q_T) message (Sending, FT to PT) in clause A.7.3 of EN 300 476-6 [5].

**Table A.17: EN 300 476-6 [5], table A.58: A-field system information (Q_T) message
(Sending, FT to PT)**

Item	A-field system information (Q_T) message	Reference	Status
4	Q_T - Extended fixed part capabilities	7.2.3.5	c1701
c1701:	IF B.11/2 THEN m ELSE i.		

A.4.2.2   A-field MAC control (M_T) messages

Table A.18 indicates the change of status for the MAC layer MAC control (M_T) messages (Receiving, PT to FT) in clause A.7.5.1 of EN 300 476-6 [5].

**Table A.18: EN 300 476-6 [5], table A.61: MAC control (M_T) messages
(Receiving, PT to FT)**

Item	MAC control (M_T) message	Reference	Status
1	Basic connection control	F.1	c1801
3	Advanced connection control	F.1	c1802
c1801:	IF B.11/1 THEN m ELSE i.		
c1802:	IF B.11/2 THEN m ELSE i.		

Table A.19 indicates the change of status for the MAC layer MAC control (M_T) messages (Sending, PT to FT) in clause A.7.5 of EN 300 476-6 [5].

Table A.19: EN 300 476-6 [5], table A.62: MAC control (M_T) messages (Sending, FT to PT)

Item	MAC control (M_T) message	Prof. Reference	Prof. Status R/B/P
1	Basic connection control	F.1	c1901
3	Advanced connection control	F.1	c1902
c1901:	IF B.11/1 THEN m ELSE i.		
c1902:	IF B.11/2 THEN m ELSE i.		

Table A.20 indicates the change of status for the MAC layer Advanced connection control messages (Receiving, PT to FT) in clause A.7.5.4 of EN 300 476-6 [5].

**Table A.20: EN 300 476-6 [5], table A.67: Advanced connection control messages
(Receiving, PT to FT)**

Item	MAC control (M_T) - Advanced connection control message	Reference	Status
1	Advanced CC - access request	F.2	c2001
2	Advanced CC - bearer handover request	F.2	m
3	Advanced CC - connection handover request	F.2	c2002
4	Advanced CC - unconfirmed access request	-	i
5	Advanced CC - bearer confirm	F.2	c2001
6	Advanced CC - wait	F.2	c2001
7	Advanced CC - attributes_T.request	F.2	c2001
8	Advanced CC - attributes_T.confirm	F.2	c2001
9	Advanced CC - bandwidth_T.request	-	i
10	Advanced CC - bandwidth_T.confirm	-	i
11	Advanced CC - channel list	-	i
12	Advanced CC - unconfirmed dummy	-	i
13	Advanced CC - unconfirmed handover	-	i
14	Advanced CC - release	F.2	c2001
c2001:	IF B.11/2 THEN m ELSE i.		
c2002:	IF B.38/10 THEN m ELSE n/a.		

Table A.21 indicates the change of status for the MAC layer Advanced connection control messages (Sending, FT to PT) in clause A.7.5.4 of EN 300 476-6 [5].

**Table A.21: EN 300 476-6 [5], table A.68: Advanced connection control messages
(Sending, FT to PT)**

Item	MAC control (M_T) - Advanced connection control message	Reference	Status
1	Advanced CC - access request	F.2	c2101
2	Advanced CC - bearer handover request	F.2	m
3	Advanced CC - connection handover request	F.2	c2102
4	Advanced CC - unconfirmed access request	-	i
5	Advanced CC - bearer confirm	F.2	c2101
6	Advanced CC - wait	F.2	c2101
7	Advanced CC - attributes_T.request	F.2	c2101
8	Advanced CC - attributes_T.confirm	F.2	c2101
9	Advanced CC - bandwidth_T.request	-	i
10	Advanced CC - bandwidth_T.confirm	-	i
11	Advanced CC - channel list	-	i
12	Advanced CC - unconfirmed dummy	-	i
13	Advanced CC - unconfirmed handover	-	i
14	Advanced CC - release	F.2	c2101
c2101:	IF B.11/2 THEN m ELSE i.		
c2102:	IF B.38/10 THEN m ELSE n/a.		

A.4.3   MAC messages format and field value

A.4.3.1   A-field system information (Q$_T$) messages

Table A.22 indicates the change of status and the change of values for the MAC layer Q$_T$ - Fixed part capability message (Sending, FT to PT) in clause A.8.2.3 of EN 300 476-6 [5].

Table A.22: EN 300 476-6 [5], table A.91: Q$_T$ - Fixed part capability message
(Sending, FT to PT)

Item	Q$_T$ - Fixed part capability	Reference	Status	Value Allowed
1	Q$_T$ header	6.2 b)	m	'0011'B
2	Extended FP info.	6, 6.2 b)	m	'1'B
3	Double duplex bearer connections	-	i	-
4	Reserved	6.2 b)	m	1 bit
5	Double slot	-	i	-
6	Half slot	-	i	-
7	Full slot	6.2 b)	m	'1'B
8	Frequency control	-	i	-
9	Page repetition	-	i	-
10	Dummy bearer set-up	-	i	-
11	C/L uplink	-	i	-
12	C/L downlink	-	i	-
13	Basic A-field set-up	-	i	-
14	Adv. A-field set-up	6.2 b)	m	'1'B
15	B-field set-up	-	i	-
16	C$_F$ messages	-	i	-
17	IN minimum delay	-	i	-
18	IN normal delay	6.2 b)	m	'1'B
19	IP error detection	-	i	-
20	IP error correction	-	i	-
21	Multibearer connection	-	i	-
22	Higher layer information/ a32 - a33	-	i	-
23	Higher layer information/ a34	9	m	'0'B, '1'B
24	Higher layer information/ a35	-	i	-
25	Higher layer information/ a36	9	m	'0'B, '1'B
26	Higher layer information/ a37	9	m	'0'B, '1'B
27	Higher layer information/ a38	9	m	'0'B, '1'B
28	Higher layer information/ a39 - a43	-	i	-
29	Higher layer information/ a44	9	m	'0'B, '1'B
30	Higher layer information/ a45	-	i	-
31	Higher layer information/ a46	9	m	'0'B, '1'B

Table A.23 indicates the change of status and the change of values for the MAC layer Q$_T$ - Extended fixed part capabilities (Sending, FT to PT) in clause A.8.2.4 of EN 300 476-6 [5].

Table A.23: EN 300 476-6 [5], table A.92: Q$_T$ - Extended fixed part capabilities
(Sending, FT to PT)

Item	Q$_T$ - Extended fixed part capabilities	Reference	Status	Value Allowed
1	Q$_T$ header	6.2 c)	m	'0100'B
2	Wireless relay stations	-	i	-
3	Synchronization field	-	i	-
4	Frequency replacement field	-	i	-
5	Reserved Physical/MAC field/ a21 - a28	-	i	-
6	Extended Higher layer field/ a29 - a43	-	i	-
7	Extended Higher layer field/ a44	6, 6.2 c), 9	m	'1'B
8	Extended Higher layer field/ a45 - a49	-	i	-

A.4.3.2   A-field MAC control (M$_T$) messages

A.4.3.2.1   Advanced connection control messages

Table A.24 indicates the change of status and the change of values for the MAC layer Advanced CC - access request
(Receiving, PT to FT) in clause A.8.4.3.1 of EN 300 476-6 [5].

**Table A.24: EN 300 476-6 [5], table A.140: Advanced CC - access request
(Receiving, PT to FT)**

Item	Advanced CC - access request	Reference	Status	Value Allowed
1	M$_T$ header	F.2, table F.12	m	'0001'B
2	Command	F.2, table F.12	m	'0000'B
3	FMID	F.2, table F.12	m	12 bits value
4	PMID	F.2, table F.12	m	20 bits value

Table A.25 indicates the change of status and the change of values for the MAC layer Advanced CC - access request
(Sending, FT to PT) in clause A.8.4.3.1 of EN 300 476-6 [5].

**Table A.25: EN 300 476-6 [5], table A.141: Advanced CC - access request
(Sending, FT to PT)**

Item	Advanced CC - access request	Reference	Status	Value Allowed
1	M$_T$ header	F.2, table F.13	m	'0001'B
2	Command	F.2, table F.13	m	'0000'B
3	FMID	F.2, table F.13	m	12 bits value
4	PMID	F.2, table F.13	m	20 bits value

Table A.26 indicates the change of status and the change of values for the MAC layer Advanced CC - bearer handover
(Receiving, PT to FT) in clause A.8.4.3.2 of EN 300 476-6 [5].

**Table A.26: EN 300 476-6 [5], table A.142: Advanced CC - bearer handover
(Receiving, PT to FT)**

Item	Advanced CC - bearer handover request	Reference	Status	Value Allowed
1	M$_T$ header	F.2, table F.14	m	'0001'B
2	Command	F.2, table F.14	m	'0001'B
3	FMID	F.2, table F.14	m	12 bits value
4	PMID	F.2, table F.14	m	20 bits value

Table A.27 indicates the change of status and the change of values for the MAC layer Advanced CC - connection
handover (Receiving, PT to FT) in clause A.8.4.3.3 of EN 300 476-6 [5].

**Table A.27: EN 300 476-6 [5], table A.143: Advanced CC - connection handover
(Receiving, PT to FT)**

Item	Advanced CC - connection handover request	Reference	Status	Value Allowed
1	M$_T$ header	F.2, table F.15	m	'0001'B
2	Command	F.2, table F.15	m	'0010'B
3	FMID	F.2, table F.15	m	12 bits value
4	PMID	F.2, table F.15	m	20 bits value

Table A.28 indicates the change of status and the change of values for the MAC layer Advanced CC - connection handover (Sending, FT to PT) in clause A.8.4.3.3 of EN 300 476-6 [5].

**Table A.28: EN 300 476-6 [5], table A.144: Advanced CC - connection handover
(Sending, FT to PT)**

Item	Advanced CC - connection handover request	Reference	Status	Value Allowed
1	M_T header	F.2, table F.16	m	'0001'B
2	Command	F.2, table F.16	m	'0010'B
3	FMID	F.2, table F.16	m	12 bits value
4	PMID	F.2, table F.16	m	20 bits value

Table A.29 indicates the change of status and the change of values for the MAC layer Advanced CC - bearer confirm (Receiving, PT to FT) in clause A.8.4.3.5 of EN 300 476-6 [5].

**Table A.29: EN 300 476-6 [5], table A.147: Advanced CC - bearer confirm
(Receiving, PT to FT)**

Item	Advanced CC - bearer confirm	Reference	Status	Value Allowed
1	M_T header	F.2, table F.17	m	'0001'B
2	Command	F.2, table F.17	m	'0100'B
3	FMID	F.2, table F.17	m	12 bits value
4	PMID	F.2, table F.17	m	20 bits value

Table A30 indicates the change of status and the change of values for the MAC layer Advanced CC - bearer confirm (Sending, FT to PT) in clause A.8.4.3.5 of EN 300 476-6 [5].

**Table A.30: EN 300 476-6 [5], table A.148: Advanced CC - bearer confirm
(Sending, FT to PT)**

Item	Advanced CC - bearer confirm	Reference	Status	Value Allowed
1	M_T header	F.2, table F.18	m	'0001'B
2	Command	F.2, table F.18	m	'0100'B
3	FMID	F.2, table F.18	m	12 bits value
4	PMID	F.2, table F.18	m	20 bits value

Table A.31 indicates the change of status and the change of values for the MAC layer Advanced CC - wait (Receiving, PT to FT) in clause A.8.4.3.6 of EN 300 476-6 [5].

Table A.31: EN 300 476-6 [5], table A.149: Advanced CC - wait (Receiving, PT to FT)

Item	Advanced CC - wait	Reference	Status	Value Allowed
1	M_T header	F.2, table F.19	m	'0001'B
2	Command	F.2, table F.19	m	'0101'B
3	FMID	F.2, table F.19	m	12 bits value
4	PMID	F.2, table F.19	m	20 bits value, '1111 0000 1111 0000 1111'B

Table A.32 indicates the change of status and the change of values for the MAC layer Advanced CC - wait (Sending, FT to PT) in clause A.8.4.3.6 of EN 300 476-6 [5].

Table A.32: EN 300 476-6 [5], table A.150: Advanced CC - wait (Sending, FT to PT)

Item	Advanced CC - wait	Reference	Status	Value Allowed
1	M_T header	F.2, table F.20	m	'0001'B
2	Command	F.2, table F.20	m	'0101'B
3	FMID	F.2, table F.20	m	12 bits value
4	PMID	F.2, table F.20	m	20 bits value, '1111 0000 1111 0000 1111'B

Table A.33 indicates the change of status and the change of values for the MAC layer Advanced CC - Attributes_T request (Receiving, PT to FT) in clause A.8.4.3.7 of EN 300 476-6 [5].

Table A.33: EN 300 476-6 [5], table A.151: Advanced CC - Attributes_T request (Receiving, PT to FT)

Item	Advanced CC - Attributes_T request	Reference	Status	Value Allowed
1	M_T header	E.2, table E.21	m	'0001'B
2	Command	E.2, table E.21	m	'0110'B
3	ECN	E.2, table E.21	m	4 bits value
4	LBN	E.2, table E.21	m	'1111'B
5	Connection type	E.2, table E.21	m	'11'B
6	Service type	E.2, table E.21	m	'001'B
7	Maximum lifetime	E.2, table E.21	m	'000'B
8	Slot type	E.2, table E.21	m	'0000'B
9	CF support flag	E.2, table E.21	m	'0'B
10	Spare1	E.2, table E.21	m	'111'B
11	Spare2	E.2, table E.21	m	'0000'B
12	A-field modulation type	E.2, table E.21	m	'11'B
13	(B+Z)-fields modulation type	E.2, table E.21	m	'11'B

Table A.34 indicates the change of status and the change of values for the MAC layer Advanced CC - Attributes_T request (Sending, FT to PT) in clause A.8.4.3.7 of EN 300 476-6 [5].

Table A.34: EN 300 476-6 [5], table A.152: Advanced CC - Attributes_T request (Sending, FT to PT)

Item	Advanced CC - Attributes_T request	Reference	Status	Value Allowed
1	M_T header	E.2, table E.22	m	'0001'B
2	Command	E.2, table E.22	m	'0110'B
3	ECN	E.2, table E.22	m	4 bits value
4	LBN	E.2, table E.22	m	'1111'B
5	Connection type	E.2, table E.22	m	'11'B
6	Service type	E.2, table E.22	m	'001'B
7	Maximum lifetime	E.2, table E.22	m	'000'B
8	Slot type	E.2, table E.22	m	'0000'B
9	CF support flag	E.2, table E.22	m	'0'B
10	Spare1	E.2, table E.22	m	'111'B
11	Spare2	E.2, table E.22	m	'0000'B
12	A-field modulation type	E.2, table E.22	m	'11'B
13	(B+Z)-fields modulation type	E.2, table E.22	m	'11'B

Table A.35 indicates the change of status and the change of values for the MAC layer Advanced CC - Attributes_T confirm (Receiving, PT to FT) in clause A.8.4.3.8 of EN 300 476-6 [5].

Table A.35: EN 300 476-6 [5], table A.153: Advanced CC - Attributes_T confirm (Receiving, PT to FT)

Item	Advanced CC - Attributes_T confirm	Reference	Status	Value Allowed
1	M_T header	E.2, table E.23	m	'0001'B
2	Command	E.2, table E.23	m	'0111'B
3	ECN	E.2, table E.23	m	4 bits value
4	LBN	E.2, table E.23	m	'1111'B
5	Connection type	E.2, table E.23	m	'11'B
6	Service type	E.2, table E.23	m	'001'B
7	Maximum lifetime	E.2, table E.23	m	'000'B
8	Slot type	E.2, table E.23	m	'0000'B
9	CF support flag	E.2, table E.23	m	'0'B
10	Spare1	E.2, table E.23	m	'111'B
11	Spare2	E.2, table E.23	m	'0000'B
12	A-field modulation type	E.2, table E.23	m	'11'B
13	(B+Z)-fields modulation type	E.2, table E.23	m	'11'B

Table A.36 indicates the change of status and the change of values for the MAC layer Advanced CC - Attributes_T confirm (Sending, FT to PT) in clause A.8.4.3.8 of EN 300 476-6 [5].

Table A.36: EN 300 476-6 [5], table A.154: Advanced CC - Attributes_T confirm (Sending, FT to PT)

Item	Advanced CC - Attributes_T confirm	Reference	Status	Value Allowed
1	M_T header	E.2, table E.24	m	'0001'B
2	Command	E.2, table E.24	m	'0111'B
3	ECN	E.2, table E.24	m	4 bits value
4	LBN	E.2, table E.24	m	'1111'B
5	Connection type	E.2, table E.24	m	'11'B
6	Service type	E.2, table E.24	m	'001'B
7	Maximum lifetime	E.2, table E.24	m	'000'B
8	Slot type	E.2, table E.24	m	'0000'B
9	CF support flag	E.2, table E.24	m	'0'B
10	Spare1	E.2, table E.24	m	'111'B
11	Spare2	E.2, table E.24	m	'0000'B
12	A-field modulation type	E.2, table E.24	m	'11'B
13	(B+Z)-fields modulation type	E.2, table E.24	m	'11'B

Table A.37 indicates the change of status and the change of values for the MAC layer Advanced CC - release (Receiving, PT to FT) in clause A.8.4.3.14 of EN 300 476-6 [5].

Table A.37: EN 300 476-6 [5], table A.165: Advanced CC - release (Receiving, PT to FT)

Item	Advanced CC - release	Reference	Status	Value Allowed
1	M_T header	E.2, table E.25	m	'0001'B
2	Command	E.2, table E.25	m	'1111'B
3	Spare	E.2, table E.25	m	'0000'B
4	LBN	E.2, table E.25	m	'1111'B
5	Reason	E.2, table E.25	m	'0000'B .. '1101'B
6	PMID	E.2, table E.25	m	20 bits value

Table A.38 indicates the change of status and the change of values for the MAC layer Advanced CC - release (Receiving, PT to FT) in clause A.8.4.3.14 of EN 300 476-6 [5].

Table A.38: EN 300 476-6 [5], table A.166: Advanced CC - release (Receiving, PT to FT)

Item	Advanced CC - release	Reference	Status	Value Allowed
1	M$_T$ header	E.2, table E.26	m	'0001'B
2	Command	E.2, table E.26	m	'1111'B
3	Spare	E.2, table E.26	m	'0000'B
4	LBN	E.2, table E.26	m	'1111'B
5	Reason	E.2, table E.26	m	'0000'B .. '1101'B
6	PMID	E.2, table E.26	m	20 bits value

A.5   PHY layer - FT: profile Requirement List (profile RL)

To express the profile requirements of EN 301 238 [1], clause A.5 of ETS 300 474-2 [7] shall apply.

A.6   Management entity - FT: profile Requirement List (profile RL)

To express the profile requirements of EN 301 238 [1], clause B.5.1.4 of ETS 300 474-2 [7] shall apply.

Annex B (normative):
D.2 profile-specific ICS proforma for FT

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

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

B.1.1 Purposes and structure

The purpose of this profile-specific ICS proforma is to provide a mechanism whereby a supplier of an implementation of the fixed termination specific requirements of EN 301 238 may provide information about the implementation in a standardized manner.

The profile-specific ICS proforma is subdivided into clauses for the following categories of information:

- instructions for completing the ICS proforma;

- identification of the implementation;

- identification of EN 301 238;

- ICS proforma tables:

  - global statement of conformance;

  - functional groups and procedures;

  - timers and protocol parameters;

  - messages;

  - information elements;

  - protocol error handling.

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.

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 status statements apply to the Residential/Business (R/B) environment as well as to the Public (P) environment.

The following notations, defined in ISO/IEC 9646-7, 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 (e.g. the capability is not allowed because the underlying DECT layers (service provider) cannot handle it or the requirement belongs to an application i.e. does not belong to the network layer);
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 a 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 EN 301 238, 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, 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;
- lg 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, support for a PDU requires the ability to parse all valid parameters of that PDU. Supporting a PDU while having no ability to parse a valid parameter is non-conformant. Support for a parameter on a PDU means that the semantics of that parameter are supported.

Values allowed column

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

Values supported column

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

Prerequisite line

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

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

B.1.2   Instructions for completing the profile-specific ICS

The supplier of the implementation shall complete the profile-specific ICS proforma in each of the spaces provided using the notation described in clause B.1.2. Specific instruction is provided in the text which precedes each table.

B.2   Identification of the implementation

B.2.1   Date of statement

Identification of the Implementation Under Test (IUT) and the system in which it resides (the System Under Test (SUT)) should be filled in so as to provide as much detail as possible regarding version numbers and configuration options.

Table B.1: Date of statement

Date of statement		
Day	Month	Year

B.2.2   Implementation Under Test (IUT) identification

The supplier of the implementation shall enter information necessary to uniquely identify the IUT in table B.2.

Table B.2: IUT identification

IUT identification	
IUT name	
IUT version	

B.2.3   System Under Test (SUT) identification

The supplier of the implementation shall enter information necessary to uniquely identify the SUT in table B.3.

Table B.3: SUT identification

SUT identification	
SUT name	Radio Fixed Part Identity (RFPI):
Hardware configuration	

B.2.4   Product supplier

Table B.4: Product supplier

Product supplier	
Name	
Address	
Phone No.	
Fax No.	
E-mail address	
Additional information	

B.2.5   Client identification

The product supplier information and client information should both be filled in if they are different.

Table B.5: Client identification

Client	
Name	
Address	
Phone No.	
Fax No.	
E-mail address	
Additional information	

B.2.6   Contact person identification

A person who can answer queries regarding information supplied in the profile ICS should be named as the contact person.

Table B.6: Contact person identification

Contact person	
Name	
Address	
Phone No.	
Fax No.	
E-mail address	
Additional information	

B.3 Identification of the profile

The supplier of the implementation shall enter the date of the publication of the ETS DECT-GAP Specification to which conformance is claimed, in table B.7.

Table B.7: Identification of the profile

Identification of profile	
Title of specification	Data Services Profile (DSP); Isochronous data bearer services with roaming mobility (service type D, mobility class 2)
Reference no.	EN 301 238
Date of Publication	

B.3.1 Defect report numbers and amendments implemented

The supplier of the implementation shall enter the reference number of implementation defect reports or corresponding amendment documents which modify the specification to EN 301 238, in table B.8.

Table B.8: Defect report and amendments number

Modification of specification	
Defect report no.	Amendment no.

B.3.2 Addenda implemented

The supplier of the implementation shall enter the titles and the reference number of implemented addenda to EN 301 238, in table B.9.

Table B.9: Addenda implemented

Addenda implemented	
Title	Reference no.

B.4 Global statement of conformance

An explicit answer shall be entered, in each of the support or supported column boxes provided, using the notation described in clause B.1.2.

Table B.10: Global statement of conformance

Global statement of conformance	
Are all mandatory capabilities implemented?	

NOTE: Answering "No" to this question indicates non-conformance to the <reference specification type> specification. Non-supported mandatory capabilities are to be identified in the ICS, with an explanation of why the implementation is non-conforming, on pages attached to the ICS proforma.

B.5 Capabilities

B.5.1 DLC layer profile-specific ICS proforma for FT

B.5.1.1 General requirements

The supplier of the implementation shall state the support of the implementation for all of the following General requirements, in table B.11.

Table B.11: General requirements

Item	Requirement	Reference	Status	Support
1	LU1 - Transparent Unprotected service (TRUP)	7.2.1	o.1101	
2	LU9 - Unprotected Rate Adaption for V.series Equipment service (RAVE)	7.2.2	o.1101	
o.1101:	At least one of these options shall be supported.			

B.5.1.2 LU9 procedures

The supplier of the implementation shall state the support of the implementation for all of the following LU9 services, in table B.12.

Table B.12: LU9 procedures

Prerequisite: B.11/2				
Item	Requirement	Reference	Status	Support
1	Mode selection (synchronous/asynchronous)	A.1	m	
2	Filtering period indication	A.1	m	
3	V.24 signalling	A.1	m	
4	Rate indication	A.1	m	
5	DECT independent clocking (DIC)	A.1	m	
6	Error-protected Length Indicator (asynchronous mode)	A.1	m	
7	User data transfer	A.1	m	
8	Alignment signal management	A.2	m	
9	FU9 buffering procedures	A.1.1.2	m	
10	FU9 connection handover	A.1.1.3	o	
11	FU9 transmission order	A.1.1.3	m	

B.5.1.3 LU9 parameters

The supplier of the implementation shall state the support of the implementation for all of the following LU9 Frame types, in table B.13.

Table B.13: LU9 Frame types

Prerequisite: B.11/2				
Item	LU9 Frame Types	Reference	Status	Support
1	FU9 frame - synchronous	A.1.1.1	m	
2	FU9 frame - asynchronous	A.1.1.1	m	

The supplier of the implementation shall state the support of the implementation for all of the following LU9 Connection types, in table B.14.

Table B.14: LU9 Connection types

Prerequisite: B.11/2				
Item	**LU9 Connection Types**	**Reference**	**Status**	**Support**
1	IN/normal delay - Full slot (40 octets)	A.1.1.1	m	

The supplier of the implementation shall state the support of the implementation for all of the following LU9 Transmission classes, in table B.15.

Table B.15: LU9 Transmission classes

Prerequisite: B.11/2				
Item	**LU9 Transmission classes**	**Reference**	**Status**	**Support**
1	class 0	A.1.1.1	m	

B.5.1.4   U-plane PDUs

The supplier of the implementation shall state the support of the implementation for all of the following U-plane PDUs, in table B.16.

Table B.16: U-plane PDUs

Prerequisite: B.13/1 OR B.13/2				
Item	**U-plane PDUs**	**Reference**	**Status**	**Support**
1	FU9 frame structure - synchronous	A.1.1.1	m	
2	FU9 frame structure- asynchronous	A.1.1.1	m	

B.5.1.5   FU9 frame structure - synchronous

The supplier of the implementation shall state the support of the implementation for all of the following FU9 frame structure - synchronous (Receiving, PT to FT), in table B.17.

Table B.17: FU9 frame structure - synchronous (Receiving, PT to FT)

Prerequisite: B.16/1				
Item	**Name of field**	**Reference**	**Status**	**Support**
1	Alignment field	A.1.1.1	m	
2	V.24 signalling field	A.1.1.1	m	
3	Rate field	A.1.1.1	m	
4	DIC Control field	A.1.1.1	m	
5	Mode field	A.1.1.1	m	
6	Reserved	A.1.1.1	m	
7	DIC data field	A.1.1.1	m	
8	Information field(s)	A.1.1.1	m, note	
NOTE: Octet 5 to octet 40.				

The supplier of the implementation shall state the support of the implementation for all of the following FU9 frame structure - synchronous (Sending, FT to PT), in table B.18.

Table B.18: FU9 frame structure - synchronous (Sending, FT to PT)

Prerequisite: B.16/1				
Item	**Name of field**	**Reference**	**Status**	**Support**
1	Alignment field	A.1.1.1	m	
2	V.24 signalling field	A.1.1.1	m	
3	Rate field	A.1.1.1	m	
4	DIC Control field	A.1.1.1	m	
5	Mode field	A.1.1.1	m	
6	Reserved	A.1.1.1	m	
7	DIC data field	A.1.1.1	m	
8	Information field(s)	A.1.1.1	m, note	
NOTE: Octet 5 to octet 40.				

The supplier of the implementation shall state the support of the implementation for all of the following FU9 Alignment field (Receiving, PT to FT), in table B.19.

Table B.19: FU9 Alignment field (Receiving, PT to FT)

Prerequisite: B.17/1					
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Alignment field	A.2.2	m		'00'B, '11'B	

The supplier of the implementation shall state the support of the implementation for all of the following FU9 Alignment field (Sending, FT to PT), in table B.20.

Table B.20: FU9 Alignment field (Sending, FT to PT)

Prerequisite: B.18/1					
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Alignment field	A.2.2	m		'00'B, '11'B	

The supplier of the implementation shall state the support of the implementation for all of the following FU9 V.24 signalling field (Receiving, PT to FT), in table B.21.

Table B.21: FU9 V.24 signalling field (Receiving, PT to FT)

Prerequisite: B.17/2					
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	CTS bit	A.3.1	m		'0'B, '1'B	
2	DCD bit	A.3.1	m		'0'B, '1'B	

The supplier of the implementation shall state the support of the implementation for all of the following FU9 V.24 signalling field (Sending, FT to PT), in table B.22.

Table B.22: FU9 V.24 signalling field (Sending, FT to PT)

Prerequisite: B.18/2					
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	CTS bit	A.3.1	m		'0'B, '1'B	
2	DCD bit	A.3.1	m		'0'B, '1'B	

The supplier of the implementation shall state the support of the implementation for all of the following FU9 Rate field (Receiving, PT to FT), in table B.23.

Table B.23: FU9 Rate field (Receiving, PT to FT)

Prerequisite: B.17/3						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare	A.4.1	m		don't care	
2	Rate field	A.4.1	m		c001	
c001: IF B.23/14 = '00'B THEN ('0000'B .. '1100'B) ELSE IF B.23/14 = '01'B THEN ('0000'B .. '0111'B).						

The supplier of the implementation shall state the support of the implementation for all of the following FU9 Rate field (Sending, FT to PT), in table B.24.

Table B.24: FU9 Rate field (Sending, FT to PT)

Prerequisite: B.18/3						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare	A.4.1	m		don't care	
2	Rate field	A.4.1	m		c001	
c001: IF B.24/14 = '00'B THEN ('0000'B .. '1100'B) ELSE IF B.24/14 = '01'B THEN ('0000'B .. '0111'B).						

The supplier of the implementation shall state the support of the implementation for all of the following FU9 DIC control field (Receiving, PT to FT), in table B.25.

Table B.25: FU9 DIC control field (Receiving, PT to FT)

Prerequisite: B.17/4						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	DIC control field	A.5.2	m		'000'B, '010'B, '011'B, '100'B, '111'B	

The supplier of the implementation shall state the support of the implementation for all of the following FU9 DIC control field (Sending, FT to PT), in table B.26.

Table B.26: FU9 DIC control field (Sending, FT to PT)

Prerequisite: B.18/4						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	DIC control field	A.5.2	m		'000'B, '010'B, '011'B, '100'B, '111'B	

The supplier of the implementation shall state the support of the implementation for all of the following Mode field (Receiving, PT to FT), in table B.27.

Table B.27: Mode field (Receiving, PT to FT)

Prerequisite: B.17/5						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Mode field	A.1.1.1.1	m		'0'B	

The supplier of the implementation shall state the support of the implementation for all of the following Mode field (Sending, FT to PT), in table B.28.

Table B.28: Mode field (Sending, FT to PT)

Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
Prerequisite: B.18/5						
1	Mode field	A.1.1.1.1	m		'0'B	

B.5.1.6   FU9 frame structure - asynchronous

The supplier of the implementation shall state the support of the implementation for all of the following FU9 frame structure - asynchronous (Receiving, PT to FT), in table B.29.

Table B.29: FU9 frame structure - asynchronous (Receiving, PT to FT)

Item	Name of field	Reference	Status	Support
Prerequisite: B.16/2				
1	Alignment field	A.1.1.1	m	
2	V.24 signalling field	A.1.1.1	m	
3	Rate field	A.1.1.1	m	
4	Reserved	A.1.1.1	m	
5	Mode field	A.1.1.1	m	
6	Reserved	A.1.1.1	m	
7	Length Indicator + FEC (upper octet)	A.1.1.1	m	
8	Length Indicator + FEC (lower octet)	A.1.1.1	m	
9	Information field(s)	A.1.1.1	m, note	
NOTE: Octet 5 to octet 40.				

The supplier of the implementation shall state the support of the implementation for all of the following FU9 frame structure - asynchronous (Sending, FT to PT), in table B.30.

Table B.30: FU9 frame structure - asynchronous (Sending, FT to PT)

Item	Name of field	Reference	Status	Support
Prerequisite: B.16/2				
1	Alignment field	A.1.1.1	m	
2	V.24 signalling field	A.1.1.1	m	
3	Rate field	A.1.1.1	m	
4	Reserved	A.1.1.1	m	
5	Mode field	A.1.1.1	m	
6	Reserved	A.1.1.1	m	
7	Length Indicator + FEC (upper octet)	A.1.1.1	m	
8	Length Indicator + FEC (lower octet)	A.1.1.1	m	
9	Information field(s)	A.1.1.1	m, note	
NOTE: Octet 5 to octet 40.				

The supplier of the implementation shall state the support of the implementation for all of the following FU9 Alignment field (Receiving, PT to FT), in table B.31.

Table B.31: FU9 Alignment field (Receiving, PT to FT)

Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
Prerequisite: B.29/1						
1	Alignment field	A.2.2	m		'00'B, '11'B	

The supplier of the implementation shall state the support of the implementation for all of the following FU9 Alignment field (Sending, FT to PT), in table B.32.

Table B.32: FU9 Alignment field (Sending, FT to PT)

Prerequisite: B.30/1						
Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
1	Alignment field	A.2.2	m		'00'B, '11'B	

The supplier of the implementation shall state the support of the implementation for all of the following FU9 V.24 signalling field (Receiving, PT to FT), in table B.33.

Table B.33: FU9 V.24 signalling field (Receiving, PT to FT)

Prerequisite: B.29/2						
Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
1	CTS bit	A.3.1	m		'0'B, '1'B	
2	DCD bit	A.3.1	m		'0'B, '1'B	

The supplier of the implementation shall state the support of the implementation for all of the following FU9 V.24 signalling field (Sending, FT to PT), in table B.34.

Table B.34: FU9 V.24 signalling field (Sending, FT to PT)

Prerequisite: B.30/2						
Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
1	CTS bit	A.3.1	m		'0'B, '1'B	
2	DCD bit	A.3.1	m		'0'B, '1'B	

The supplier of the implementation shall state the support of the implementation for all of the following FU9 Rate field (Receiving, PT to FT), in table B.35.

Table B.35: FU9 Rate field (Receiving, PT to FT)

Prerequisite: B.29/3						
Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
1	Spare	A.4.1	m		don't care	
2	Rate field	A.4.1	m		c001	
c001:	IF B.35/14 = '00'B THEN ('0000'B .. '1100'B) ELSE IF B.35/14 = '01'B THEN ('0000'B .. '0111'B).					

The supplier of the implementation shall state the support of the implementation for all of the following FU9 Rate field (Sending, FT to PT), in table B.36.

Table B.36: FU9 Rate field (Sending, FT to PT)

Prerequisite: B.30/3						
Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
1	Spare	A.4.1	m		don't care	
2	Rate field	A.4.1	m		c001	
c001:	IF B.36/14 = '00'B THEN ('0000'B .. '1100'B) ELSE IF B.36/14 = '01'B THEN ('0000'B .. '0111'B).					

The supplier of the implementation shall state the support of the implementation for all of the following Mode field (Receiving, PT to FT), in table B.37.

Table B.37: Mode field (Receiving, PT to FT)

Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
Prerequisite: B.29/5						
1	Mode field	A.1.1.1.1	m		'0'B	

The supplier of the implementation shall state the support of the implementation for all of the following Mode field (Sending, FT to PT), in table B.38.

Table B.38: Mode field (Sending, FT to PT)

Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
Prerequisite: B.30/5						
1	Mode field	A.1.1.1.1	m		'0'B	

The supplier of the implementation shall state the support of the implementation for all of the following Length Indicator + FEC (upper octet) (Receiving, PT to FT), in table B.39.

Table B.39: Length Indicator + FEC (upper octet) (Receiving, PT to FT)

Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
Prerequisite: B.29/6						
1	Length Indicator + FEC (upper octet)	A.1.1.1.3	m		8 most significant bits of the binary code.	

The supplier of the implementation shall state the support of the implementation for all of the following Length Indicator + FEC (upper octet) (Sending, FT to PT), in table B.40.

Table B.40: Length Indicator + FEC (upper octet) (Sending, FT to PT)

Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
Prerequisite: B.30/6						
1	Length Indicator + FEC (upper octet)	A.1.1.1.3	m		8 most significant bits of the binary code.	

The supplier of the implementation shall state the support of the implementation for all of the following Length Indicator + FEC (lower octet) (Receiving, PT to FT), in table B.41.

Table B.41: Length Indicator + FEC (lower octet) (Receiving, PT to FT)

Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
Prerequisite: B.29/7						
1	Length Indicator + FEC (lower octet)	A.1.1.1.3	m		8 least significant bits of the binary code.	

The supplier of the implementation shall state the support of the implementation for all of the following Length Indicator + FEC (upper octet) (Sending, FT to PT), in table B.42.

Table B.42: Length Indicator + FEC (upper octet) (Sending, FT to PT)

Item	Name of sub-field	Reference	Status	Supp.	Value Allowed	Value Supported
Prerequisite: B.30/7						
1	Length Indicator + FEC (lower octet)	A.1.1.1.3	m		8 least significant bits of the binary code.	

B.5.2   Management entity profile-specific ICS proforma for FT

B.5.2.1   Management procedures

The supplier of the implementation shall state the support of the implementation for all of the following Management procedures, in table B.43.

Table B.43: Management procedures

Item	Name of procedure	Reference	Status	Support
1	MAC connection management	9	m	
2	DLC C-plane management	9	m	
3	DLC U-plane management	9	m	

B.5.3   IWF profile-specific ICS proforma for FT

B.5.3.1   Interworking conventions

The supplier of the implementation shall state the support of the implementation for all of the following Interworking conventions, in table B.44.

Table B.44: Interworking conventions

Item	Name of Interworking convention	Reference	Status	Support
1	Interworking to connection-oriented bearer services	B.1	o	

B.5.3.2   Interworking procedures

The supplier of the implementation shall state the support of the implementation for all of the following Interworking procedures, in table B.45.

Table B.45: Interworking procedures

Item	Name of Interworking procedure	Reference	Status	Support
Prerequisite: B.44/1				
1	Bit ordering	10.1	c4501	
2	PP C-plane procedures	B.1.3	c4501	
3	FP C-plane procedures	B.1.3	c4501	
4	TAF interworking to ITU-T Recommendation V.24	B.1.5.3	c4501	
5	DECT FP interworking procedures	B.1.5.3	c4501	
c4501: IF B.44/1 THEN m.				

B.5.3.3   Specific codings

The supplier of the implementation shall state the support of the implementation for all of the following
IWU-Attributes, in table B.46.

Table B.46: IWU-Attributes

Item	Name of field	Reference	Status	Supp.	Value Allowed	Value Supported
Prerequisite: B.44/1						
1	ID of IWU attributes	B.2	m		'00010010'B	
2	Length of Contents (L)	B.2	m		(0, 5, 8)	
3	Oct3_ext_bit	B.2	m		'1'B	
4	Coding standard	B.2	m		'01'B	
5	Profile	B.2	m		'00010'B	
6	Oct4_ext_bit	B.2	m		'1'B	
7	Negotiation indicator	B.2	m		'110'B	
8	Profile subtype	B.2	m		'0000'B, '0001'B, '0010'B	
9	Oct5_ext_bit	B.2	m		'1'B	
10	IWU service	B.2	m		'0000000'B .. '0001111'B, '0011000'B, '0011001'B, '1111111'B	
11	Oct6_ext_bit	B.2	m		'1'B	
12	Symmetry	B.2	m		'00'B, '01'B	
13	Fbk	B.2	m		'0'B, '1'B	
14	Rate Resolution	B.2	m		'00'B, '01'B	
15	Oct7_ext_bit	B.2	m		'0'B, '1'B	
16	Min user data rate Tx	B.2	m		c4601	
17	Oct7a_ext_bit	B.2	c4602		'0'B, '1'B	
18	Max user data rate Tx	B.2	c4602		c4601	
19	Oct7b_ext_bit	B.2	c4603		'0'B, '1'B	
20	Min user data rate Rx	B.2	c4603		c4601	
21	Oct7c_ext_bit	B.2	c4604		'1'B	
22	Max user data rate Rx	B.2	c4604		c4601	
c4601: IF B.46/14 = '00'B THEN ('0000000'B .. '0001100'B) ELSE IF B.46/14 = '01'B THEN ('0000000'B .. '0000111'B).						
c4602: IF B.46/15 = '0'B THEN m ELSE n/a.						
c4603: IF B.46/17 = '0'B THEN m ELSE n/a.						
c4604: IF B.46/19 = '0'B THEN m ELSE n/a.						

Annex C (informative):
Bibliography

- ETSI EN 300 175-1: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 1: Overview".

- ETSI EN 300 175-2: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical Layer (PHL)".

- ETSI EN 300 175-3: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer".

- ETSI EN 300 175-4: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer".

- ETSI EN 300 175-5: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer".

- ETSI EN 300 175-6: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing".

- ETSI EN 300 175-7: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features".

History

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