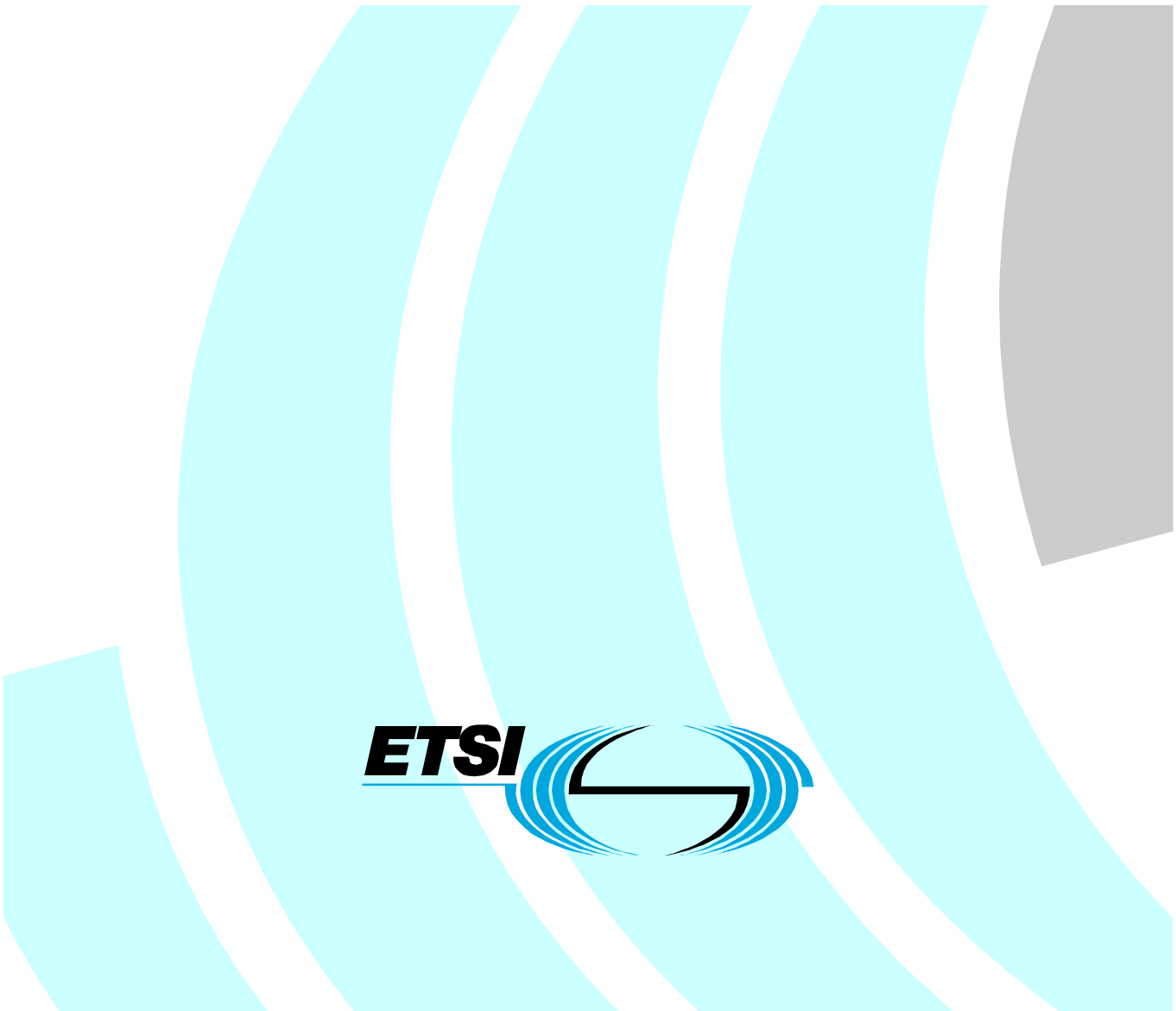
ETSI TS 102 013-1 V1.1.1 (2001-11)

Technical Specification

Digital Enhanced Cordless Telecommunications (DECT); DECT Packet Radio Service (DPRS); Application Specific Access Profile (ASAP): Ethernet Interworking; Profile Implementation Conformance Statement (ICS); Part 1: Portable radio Termination (PT)



Reference
DTS/DECT-040184-1

Keywords
access, data, DECT, Ethernet, ICS,
interoperability, network, packet mode, profile,
radio, testing, LAN

ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Contents

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (http://webapp.etsi.org/IPR/home.asp).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

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

The present document is part 1 of a multi-part deliverable covering the Digital Enhanced Cordless Telecommunications (DECT); DECT Packet Radio Service (DPRS); Ethernet ASAP; Profile Implementation Conformance Statement (ICS) proforma, as identified below:

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

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

Annexes A to I contain the ICS proforma for the PT DECT DPRS Ethernet ASAP.

1 Scope

The present document provides the Implementation Conformance Statement (ICS) proforma for the Digital Enhanced Cordless Telecommunications Packet Radio Service (DPRS) Ethernet ASAP at the Portable radio Termination as defined in TS 101 942 [1] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [13] and ETS 300 406 [20].

The supplier of an implementation that is claimed to conform to TS 101 942 [1] is required to complete a copy of the ICS proforma provided in the annexes A to I 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 TS 101 942: "Digital Enhanced Cordless Telecommunications (DECT); DECT Packet Radio Service (DPRS); Application Specific Access Profile (ASAP): Ethernet (Eth) Interworking".

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

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

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

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

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

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

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

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

[10] ETSI EN 301 649: "Digital Enhanced Cordless Telecommunications (DECT); DECT Packet Radio Services (DPRS)".

[11] ETSI EN 300 824: "Digital Enhanced Cordless Telecommunications (DECT); Cordless Terminal Mobility (CTM); CTM Access Profile (CAP)".

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

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

[14] ETSI EN 300 476-1: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 1: Network (NWK) layer - Portable radio Termination (PT)".

[15] ETSI EN 300 476-2: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 2: Data Link Control (DLC) layer - Portable radio Termination (PT)".

[16] ETSI EN 300 476-3: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 3: Medium Access Control (MAC) layer - Portable radio Termination (PT)".

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

[18] ISO 8802-3: "Information technology; Telecommunications and information exchange between systems; Local and metropolitan area networks; Specific requirements; Part 3: Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications".

[19] ISO 8802-5: "Information technology; Telecommunications and information exchange between systems; Local and Metropolitan Area Networks; Specific requirements; Part 5: Token ring access method and physical layer specifications".

[20] ETSI ETS 300 406: "Methods for Testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions defined in EN 300 175-1 [2], in ISO/IEC 9646-1 [12] and in ISO/IEC 9646-7 [13] and the following apply:

Implementation Conformance Statement (ICS): statement made by the supplier of an implementation or system claimed to conform to a given specification, stating which capabilities have been implemented

NOTE: The ICS can take several forms: protocol ICS, profile ICS, profile specific ICS, information object ICS, etc.

ICS proforma: document, in the form of a questionnaire, which when completed for an implementation or system becomes an ICS

Protocol ICS (PICS): ICS for an implementation or system claimed to conform to a given protocol specification

3.2 Abbreviations

For the purposes of the present document, the abbreviations defined in ISO/IEC 9646-1 [12] and in TS 101 942 [1], and the following apply:

IUT	Implementation Under Test
len_b	length specified as BITSTRING
len_o	length specified as OCTETSTRING
Sp.	support(ed)
Stat.	Status
SUT	System Under Test
val	value (of the field)

4 Conformance requirement concerning ICS

If it claims to conform to the present document, the actual ICS proforma to be filled in by a supplier shall be technically equivalent to the text of the ICS proforma given in annex A, and shall preserve the numbering/naming and ordering of the proforma items.

An ICS which conforms to the present document shall be a conforming ICS proforma completed in accordance with the guidance for completion given in clause 5.

5 Introduction for completing the ICS proforma

5.1 Purposes and structure

The purpose of this ICS proforma is to provide a mechanism whereby a supplier of an implementation of the Fixed radio termination of the TS 101 942 DECT DPRS Ethernet ASAP may provide information about the implementation in a standardized manner.

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

- introduction for completing the ICS proforma;
- identification of the implementation;
- identification of the protocol;
- ICS proforma tables:
  - global statement of conformance;
  - functional groups and procedures;
  - messages;
  - information elements;
  - timers and protocol parameters.

This Profile ICS proforma does not contain requirements of the EN 300 175 which are of the status "out-of-scope (i)" or "not applicable (n/a)".

This Profile ICS proforma only includes relevant requirements for the TS 101 942.

General DECT values can be found in the EN 300 175 part 1 to part 7 and in the EN 300 476 part 4 to part 7.

In the description of the messages of the NWK layer, the field "Message header" is not mentioned.

In the description of the fixed length information elements of the NWK layer, the field "Element identifier" is not mentioned.

In the description of the variable length information elements of the NWK layer, the field "Element identifier" and the field "Length of contents" are not mentioned.

5.2 Abbreviations and conventions

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 following notations, defined in ISO/IEC 9646-7, are used for the status column:

I or i	out of scope - the capability is out of scope of the given context;
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 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 a unique conditional status expression or a table reference, which is defined immediately following the table or which is defined in the general condition table below.

Reference column

The reference column gives reference to TS 101 942, 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. When the length of a field or group of octets has been specified a specific notation has been used as "len_b" with meaning length specified as BITSTRING and "len_o" with meaning length specified as OCTETSTRING.

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.

Note line

The notations which are used for the status column are described in the text which precedes each table. Further on specific instruction is provided (when necessary).

5.3 Instruction for completing the ICS proforma

The supplier of the implementation shall complete the ICS proforma in each of the spaces provided. In particular, an explicit answer shall be entered, in each of the support or supported column boxes provided, using the notation described in clause 5.

6 Identification of the implementation

6.1 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.

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

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

Table 1: Date of statement

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

6.2 Implementation Under Test (IUT) identification

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

Table 2: IUT identification

IUT identification	
IUT name	
IUT version	

6.3 System Under Test (SUT) identification

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

Table 3: SUT identification

SUT identification	
SUT name	International Portable Equipment Identity (IPEI):
Hardware configuration	
Operating system	

6.4 Product supplier

Table 4: Product supplier

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

6.5 Client

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

Table 5: Client

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

6.6 ICS contact person

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

Table 6: Contact person

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

7 Identification of the protocol

The supplier of the implementation shall enter the title, reference number and date of the publication of the EN DECT DPRS-Specification to which conformance is claimed, in table 7.

Table 7: Identification of protocol

Identification of protocol	
Title of specification	Digital Enhanced Cordless Telecommunications (DECT); DECT Packet Radio Service (DPRS); Application Specific Access Profile (ASAP): Ethernet (Eth) Interworking.
Reference no.	TS 101 942
Date of Publication	

7.1 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 TS 101 942 in table 8.

Table 8: Defect report and amendments number

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

7.2 Addenda implemented

The supplier of the implementation shall enter the titles and the reference number of implemented addenda to TS 101 942 in table 9.

Table 9: Addenda implemented

Addenda implemented	
Title	**Reference no.**

Annex A (normative): Ethernet ASAP - General Profile ICS Proforma for PT

A.1 Global statement of conformance

An explicit answer shall be entered, using the notation described in clause 5.3.

Table A.1: Global statement of conformance

Global statement of conformance	
Are all mandatory DPRS 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, on pages attached to the ICS proforma.

A.2 Ethernet ASAP protocol functional entities

Table A.2: DPRS protocol service class

Item	Feature name	Reference	Status	Support
1	Class 1 **DPRS-G.1**	6.2.1	I	N/A
2	Class 2 **DPRS-G.2**	6.2.1	M	
3	Frame Relay (FREL) **DPRS-G.3**	6.2.1	M	
4	Character stream **DPRS-G.4**	6.2.1	I	N/A

Table A.3: DPRS protocol functional entities

Item	Feature name	Reference	Status	Support
1	NWK layer	6.2.1	M	
2	DLC layer	6.2.1	M	
3	MAC layer	6.2.1	M	
4	Physical layer	6.2.1	M	
5	Management Entity	6.2.1	M	
6	Application	6.2.1	M	
7	Distributed communications	6.2.1	O	
8	ISO 8802-3 [18] (Ethernet) **DPRS-G.3**	6.2.1	M	
9	ISO 8802-5 [19] (Token Ring) **DPRS-G.3**	6.2.1	I	N/A
10	Internet Protocol (IP) **DPRS-G.3**	6.2.1	I	N/A
11	Point to Point protocol (PPP) **DPRS-G.3**	6.2.1	I	N/A
12	V.24 **DPRS-G.4**	6.2.1	I	N/A

Annex B (normative): Ethernet ASAP - NWK layer ICS Proforma for PT

B.1 Global statement of conformance

An explicit answer shall be entered, in each of the support or column boxes provided, using the notation described in clause 5.3.

Table B.1: Global statement of conformance

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, on pages attached to the ICS proforma.

B.2 Capabilities

B.2.1 Major capabilities

B.2.1.1 NWK layer features

Table B.2: NWK features

Prerequisite: A.3/1				
Item	**Feature name**	**Reference**	**Status**	**Support**
1	Outgoing call **DPRS-N.1**	6.2.2	m	
2	Off hook **DPRS-N.2**	8.1 [10]	m	
3	On hook (full release) **DPRS-N.3**	6.2.2	m	
4	Dialled digits (basic) **DPRS-N.4**	8.1 [10]	o	
5	Register recall **DPRS-N.5**	8.1 [10]	o	
6	Go to DTMF signalling (defined tone length) **DPRS-N.6**	8.1 [10]	o	
7	Pause (dialling pause) **DPRS-N.7**	8.1 [10]	o	
8	Incoming call **DPRS-N.8**	6.2.2	m	
9	Authentication of PP **DPRS-N.9**	8.1 [10]	m	
10	Authentication of user **DPRS-N.10**	8.1 [10]	o	
11	Location registration **DPRS-N.11**	6.2.2	m	
12	On air key allocation **DPRS-N.12**	6.2.2	m	
13	Identification of PP **DPRS-N.13**	8.1 [10]	o	
14	Service class indication/assignment **DPRS-N.14**	8.1 [10]	o	
15	Alerting **DPRS-N.15**	6.2.2	m	
16	ZAP **DPRS-N.16**	8.1 [10]	o	
17	Encryption activation FT initiated **DPRS-N.17**	8.1 [10]	m	
18	Subscription registration procedure on-air **DPRS-N.18**	8.1 [10]	m	
19	Link control **DPRS-N.19**	8.1 [10]	m	
20	Terminate access rights FT initiated **DPRS-N.20**	6.2.2	m	
21	Partial release **DPRS-N.21**	8.1 [10]	o	
22	Go to DTMF (infinite tone length) **DPRS-N.22**	8.1 [10]	o	
23	Go to Pulse **DPRS-N.23**	8.1 [10]	o	
24	Signalling of display characters **DPRS-N.24**	8.1 [10]	o	
25	Display control characters **DPRS-N.25**	8.1 [10]	o	
26	Authentication of FT **DPRS-N.26**	8.1 [10]	o	
27	Encryption activation PT initiated **DPRS-N.27**	8.1 [10]	o	
28	Encryption deactivation FT initiated **DPRS-N.28**	8.1 [10]	o	
29	Encryption deactivation PT initiated **DPRS-N.29**	8.1 [10]	o	
30	Calling Line Identification Presentation (CLIP) **DPRS-N.30**	8.1 [10]	o	
31	Internal call **DPRS-N.31**	8.1 [10]	o	
32	Service call **DPRS-N.32**	8.1 [10]	o	
33	Dynamic parameters allocation **DPRS-N.33**	8.1 [10]	m	
34	Service Negotiation **DPRS-N.34**	8.1 [10]	m	
35	In call service change **DPRS-N.35**	8.1 [10]	o	
36	NWK layer management **DPRS-N.36**	8.1 [10]	m	
37	Identity Assignment **DPRS-N.37**	8.1 [10]	o	
38	DECT External Handover **DPRS N.38**	8.1 [10]	o	
39	Message waiting indication **DPRS-N.39**	8.1 [10]	o	
40	Detach **DPRS-N.40**	8.1 [10]	o	
41	Periodic location registration **DPRS-N.41**	8.1 [10]	o	
42	On-air modification of user parameters **DPRS-N.42**	8.1 [10]	o	

B.2.1.2 NWK layer procedures

Table B.3: Procedures

Prerequisite: A.3/1				
Item	**Procedures**	**Reference**	**Status**	**Support**
1	Outgoing call request **DPRS-N.1/2**	6.2.2	m	
2	Overlap sending **DPRS-N.1**	8.3 [9]	m	
3	Outgoing call proceeding **DPRS-N.1**	8.4 [9]	m	
4	Outgoing call confirmation **DPRS-N.1**	8.5 [9]	m	
5	Outgoing call connection **DPRS-N.1**	8.6 [9]	cB.3-01	
6	Sending keypad information **DPRS-N.1/4/5/6/7/22/23**	8.10 [9]	cB.3-02	
7	Incoming call connection **DPRS-N.2/8**	6.2.2	m	
8	Normal call release **DPRS-N.3**	8.7 [9]	m	
9	Abnormal call release **DPRS-N.3**	8.8 [9]	m	
10	Incoming call request **DPRS-N.8/30**	12.2 [10]	cB.3-03	
11	Incoming call confirmation **DPRS-N.8**	8.13 [9]	cB.3-04	
12	PT alerting **DPRS-N.8/15**	8.14 [9]	cB.3-05	
13	Authentication of PT **DPRS-N.9/14**	8.24 [9]	m	
14	Authentication of user **DPRS-N.10**	8.25 [9]	cB.3-06	
15	Location registration **DPRS-N.11**	8.28 [9]	m	
16	Location update **DPRS-N.11**	8.29 [9]	m	
17	Terminal capability indication **DPRS-N.11/18/24**	12.3 [10]	m	
18	Key allocation **DPRS-N.12**	8.32 [9]	m	
19	Identification of PT **DPRS-N.13**	8.22 [9]	cB.3-07	
20	Obtaining access rights **DPRS-N.14/16/18**	8.30 [9]	m	
21	Incrementing the ZAP value **DPRS-N.16**	8.26 [9]	cB.3-08	
22	Authentication of FT **DPRS-N.16/20/26/42**	8.23 [9]	cB.3-09	
23	Cipher-switching initiated by FT **DPRS-N.17/28**	8.33 [9]	m	
24	Storing the Derived Cipher Key (DCK) **DPRS-N.17**	8.27 [9]	m	
25	Indirect FT initiated link establishment **DPRS-N.19**	12.11 [10]	m	
26	Fast Paging **DPRS-N.19**	12.12 [10]	o	
27	Collective and group ringing **DPRS-N.19**	12.13 [10]	o	
28	Direct FT initiated link establishment **DPRS-N.19**	12.14 [10]	o	
29	Direct PT initiated link establishment **DPRS-N.19**	8.36 [9]	m	
30	Link release "normal" **DPRS-N.19**	8.37 [9]	m	
31	Link release "abnormal" **DPRS-N.19**	8.38 [9]	m	
32	Link release "maintain" **DPRS-N.19**	8.39 [9]	i	n/a
33	LCE Resume Paging **DPRS-N.19**	12.15 [10]	m	
34	FT terminating access rights **DPRS-N.20**	8.31 [9]	m	
35	Partial release **DPRS-N.21**	8.9 [9]	cB.3-10	
36	Display **DPRS-N.24/25**	8.16 [9]	cB.3-11	
37	Cipher-switching initiated by PT **DPRS-N.27/29**	12.9 [10]	cB.3-12	
38	Internal call setup **DPRS-N.31**	8.18 [9]	cB.3-13	
39	Internal call keypad **DPRS-N.31**	12.4 [10]	cB.3-14	
40	Service call setup **DPRS-N.32**	8.20 [9]	cB.3-15	
41	Service call keypad **DPRS-N.32**	8.21 [9]	cB.3-16	
42	Dynamic parameters allocation **DPRS-N.33**	12.8 [10]	m	
43	Call Resources/Parameters negotiation **DPRS-N.34**	12.5 [10]	m	
44	Bandwidth Change **DPRS-N.35**	12.6 [10]	cB.3-17	
45	IWU-attributes change **DPRS-N.35**	12.7 [10]	cB.3-17	
46	Management of MM procedures **DPRS-N.36**	12.18 [10]	m	
47	Management - Location registration initiation **DPRS-N.36**	13.2 [9]	m	
48	Management - Assigned individual TPUI **DPRS-N.36**	13.3 [9]	m	
49	Management - PMID **DPRS-N.36**	12.19 [10]	m	
50	Management - DCK **DPRS-N.36**	13.6 [9]	m	
51	Management - Broadcast attributes **DPRS-N.36**	12.17 [9]	m	
52	Management - Storage of subscription related data **DPRS-N.36**	13.7 [9]	m	
53	U-plane handling **DPRS-N.36**	12.17 [10]	m	
54	Length of NWK layer messages **DPRS-N.36**	12.20 [10]	m	
55	Temporary Identity Assign **DPRS-N.37**	12.10 [10]	cB.3-18	

Item	Procedures	Reference	Status	Support
56	Handover candidate indication **DPRS-N.38**	9.1.1.1 [11]	cB.3-19	
57	Handover candidate retrieval **DPRS-N.38**	9.1.1.2 [11]	cB.3-19	
58	Target FP selection **DPRS-N.38**	9.1.2 [11]	cB.3-19	
59	Handover reference indication **DPRS-N.38**	9.1.3.1 [11]	cB.3-19	
60	Handover reference retrieval **DPRS-N.38**	9.1.3.2 [11]	cB.3-19	
61	External handover call setup **DPRS-N.38**	9.1.4 [11]	cB.3-19	
62	Ciphering procedure PT initiated **DPRS-N.38**	9.1.5.1 [11]	cB.3-20	
63	Ciphering procedure FT initiated **DPRS-N.38**	9.1.5.2 [11]	cB.3-19	
64	U-plane handling **DPRS-N.38**	9.1.6 [11]	cB.3-19	
65	Message waiting indication **DPRS-N.39**	9.7 [11]	cB.3-21	
66	Detach **DPRS-N.40**	9.5 [11]	cB.3-22	
67	Enhanced location registration **DPRS-N.41**	9.6 [11]	cB.3-23	
68	On-air modification of user parameters **DPRS-N.42**	9.8 [11]	cB.3-24	

cB.3-01: IF B.2/1 THEN m ELSE n/a.
cB.3-02: IF B.2/1 THEN o;
ELSE IF B.2/4 OR B.2/5 OR B.2/6 OR B.2/7 OR B.2/22 OR B.2/23 THEN m;
ELSE n/a.
cB.3-03: IF B.2/8 OR B.2/30 THEN m ELSE n/a.
cB.3-04: IF B.2/8 THEN m ELSE n/a.
cB.3-05: IF B.2/8 OR B.2/15 THEN m ELSE n/a.
cB.3-06: IF B.2/10 THEN m ELSE n/a.
cB.3-07: IF B.2/13 THEN m ELSE n/a.
cB.3-08: IF B.2/16 THEN m ELSE n/a.
cB.3-09: IF B.2/26 OR B.2/42 THEN m ELSE o.
cB.3-10: IF B.2/21 THEN m ELSE n/a.
cB.3-11: IF B.2/24 OR B.2/25 THEN m ELSE n/a.
cB.3-12: IF B.2/27 OR B.2/29 THEN m ELSE n/a.
cB.3-13: IF B.2/31 THEN m ELSE n/a.
cB.3-14: IF B.2/31 THEN o ELSE n/a.
cB.3-15: IF B.2/32 THEN m ELSE n/a.
cB.3-16: IF B.2/32 THEN o ELSE n/a.
cB.3-17: IF B.2/35 THEN m ELSE n/a.
cB.3-18: IF B.2/37 THEN m ELSE n/a.
cB.3-19: IF B.2/38 THEN m ELSE n/a.
cB.3-20: IF B.2/38 THEN o ELSE n/a.
cB.3-21: IF B.2/39 THEN m ELSE n/a.
cB.3-22: IF B.2/40 THEN m ELSE n/a.
cB.3-23: IF B.2/41 THEN m ELSE n/a.
cB.3-24: IF B.2/42 THEN m ELSE n/a.

B.2.2 Messages

B.2.2.1 Call control messages

Table B.4: CC messages (Sending, PT to FT)

Prerequisite: A.3/1				
Item	**CC message**	**Reference**	**Status**	**Support**
1	CC-SETUP	6.3.2.1 [6]	m	
2	CC-INFOrmation	6.3.2.2 [6]	m	
3	CC-ALERTING	6.3.2.5 [6]	cB.4-01	
4	CC-CONNECT	6.3.2.6 [6]	m, note	
5	CC-RELEASE	6.3.2.8 [6]	m	
6	CC-RELEASE-COMplete	6.3.2.9 [6]	m	
7	CC-SERVICE-CHANGE	6.3.2.10 [6]	cB.4-02	
8	CC-SERVICE-ACCEPT	6.3.2.11 [6]	cB.4-03	
9	CC-SERVICE-REJECT	6.3.2.12 [6]	cB.4-03	
cB.4-01: IF B.3/11 THEN m; ELSE IF B.3/43 THEN o; ELSE n/a. cB.4-02: IF B.3/44 OR B.3/45 THEN m ELSE n/a. cB.4-03: IF B.3/44 THEN m ELSE n/a. NOTE: It is not required to include an information element in this message.				

Table B.5: CC messages (Receiving, FT to PT)

Prerequisite: A.3/1				
Item	**CC message**	**Reference**	**Status**	**Support**
1	CC-SETUP	6.3.2.1 [6]	m	
2	CC-INFOrmation	6.3.2.2 [6]	cB.5-01	
3	CC-SETUP-ACKnowledge	6.3.2.3 [6]	m	
4	CC-CALL-PROCeeding	6.3.2.4 [6]	m	
5	CC-ALERTING	6.3.2.5 [6]	m	
6	CC-CONNECT	6.3.2.6 [6]	m	
7	CC-CONNECT-ACKnowledge	6.3.2.7 [6]	m	
8	CC-RELEASE	6.3.2.8 [6]	m	
9	CC-RELEASE-COMplete	6.3.2.9 [6]	m	
10	CC-SERVICE-CHANGE	6.3.2.10 [6]	cB.5-02	
11	CC-SERVICE-ACCEPT	6.3.2.11 [6]	cB.5-03	
12	CC-SERVICE-REJECT	6.3.2.12 [6]	cB.5-03	
13	CC-NOTIFY	6.3.2.13 [6]	m	
cB.5-01: IF B.3/12 THEN m ELSE n/a. cB.5-02: IF B.3/44 OR B.3/45 THEN m ELSE n/a. cB.5-03: IF B.3/44 THEN m ELSE n/a.				

Table B.6: CC-SETUP (Sending, PT to FT)

Prerequisite: B.4/1				
Item	**CC-SETUP**	**Reference**	**Status**	**Support**
1	Portable identity	8.2 [9]	m	
2	Fixed identity	8.2 [9]	m	
3	Basic service	8.18 [9], 8.20 [9], 9.1.4 [11], 12.1 [10]	m	
4	IWU attributes	12.5 [10]	m	
5	Call attributes	12.5 [10]	m	
6	Connection attributes	12.5 [10]	m	
7	Network parameter	9.1.4 [11]	cB.6-01	
8	Transit delay	12.5 [10]	m	
9	Window size	12.5 [10]	m	
cB.6-01: IF B.3/61 THEN m ELSE n/a.				

Table B.7: CC-SETUP (Receiving, FT to PT)

Prerequisite: B.5/1				
Item	**CC-SETUP**	**Reference**	**Status**	**Support**
1	Portable identity	8.2 [9]	m	
2	Fixed identity	8.2 [9]	m	
3	Basic service	8.18 [9], 8.20 [9], 9.1.4 [11], 12.2 [10]	m	
4	IWU attributes	12.5 [10]	m	
5	Call attributes	12.5 [10]	m	
6	Connection attributes	12.5 [10]	m	
7	Multi-display	8.16 [9], 9.3 [11]	cB.7-01	
8	Signal	8.12 [9], 8.14 [9]	o	
9	Network parameter	9.1.4 [11]	o	
10	Ext h/o indicator	9.1.1.1 [11]	o	
11	Transit delay	12.5 [10]	m	
12	Window size	12.5 [10]	m	
13	Calling party number	8.12 [9]	cB.7-02	
cB.7-01: IF B.3/36 THEN o ELSE n/a. cB.7-02: IF B.2/30 THEN m ELSE n/a.				

Table B.8: CC-INFO (Sending, PT to FT)

Prerequisite: B.4/2				
Item	**CC-INFO**	**Reference**	**Status**	**Support**
1	Multi-keypad	8.10 [9], 8.19 [9], 8.21 [9]	m	

Table B.9: CC-INFO (Receiving, FT to PT)

Prerequisite: B.5/2				
Item	**CC-INFO**	**Reference**	**Status**	**Support**
1	Progress Indicator	8.40 [9]	cB.9-01	
2	Multi-display	8.16 [9], 9.3 [11]	cB.9-02	
3	Signal	8.14 [9]	cB.9-03	
4	Network parameter	7.7.29 [6]	o	
5	Ext h/o indicator	9.1.1.1 [11]	o	
cB.9-01: IF B.3/69 OR B.3/70 THEN m ELSE n/a. cB.9-02: IF B.3/36 THEN o ELSE n/a. cB.9-03: IF B.3/12 THEN m ELSE n/a.				

Table B.10: CC-SETUP-ACK (Receiving, FT to PT)

Prerequisite: B.5/3				
Item	**CC-SETUP-ACK**	**Reference**	**Status**	**Support**
1	IWU attributes	12.5 [10]	m	
2	Call attributes	12.5 [10]	m	
3	Connection attributes	12.5 [10]	m	
4	Progress indicator	8.3 [9]	cB.10-01	
5	Multi-display	8.16 [9], 9.3 [11]	cB.10-02	
6	Network parameter	7.7.29 [6]	o	
7	Ext h/o indicator	9.1.1.1 [11]	o	
8	Transit delay	12.5 [10]	m	
9	Window size	12.5 [10]	m	
cB.10-01: IF B.3/69 OR B.3/70 THEN m ELSE n/a. cB.10-02: IF B.3/36 THEN o ELSE n/a.				

Table B.11: CC-CALL-PROC (Receiving, FT to PT)

Prerequisite: B.5/4				
Item	**CC-CALL-PROC**	**Reference**	**Status**	**Support**
1	Progress indicator	8.4 [9]	cB.11-01	
2	Multi-display	8.16 [9], 9.3 [11]	cB.11-02	
cB.11-01: IF B.3/69 OR B.3/70 THEN m ELSE n/a. cB.11-02: IF B.3/36 THEN o ELSE n/a.				

Table B.12: CC-ALERTING (Sending, PT to FT)

Prerequisite: B.4/5				
Item	**CC-ALERTING**	**Reference**	**Status**	**Support**
1	IWU attributes	12.5 [10]	m	
2	Call attributes	12.5 [10]	m	
3	Connection attributes	12.5 [10]	m	
4	Facility	7.7.15 [6]	o	
5	Transit delay	12.5 [10]	m	
6	Window size	12.5 [10]	m	

Table B.13: CC-ALERTING (Receiving, FT to PT)

Prerequisite: B.5/5				
Item	**CC-ALERTING**	**Reference**	**Status**	**Support**
1	Progress Indicator	8.5 [9]	cB.13-01	
2	Multi-display	8.16 [9], 9.3 [11]	cB.13-02	
cB.13-01: IF B.3/69 OR B.3/70 THEN m ELSE n/a. cB.13-02: IF B.3/36 THEN o ELSE n/a.				

Table B.14: CC-CONNECT (Receiving, FT to PT)

Prerequisite: B.5/6				
Item	**CC-CONNECT**	**Reference**	**Status**	**Support**
1	IWU attributes	12.5 [10]	note	
2	Call attributes	12.5 [10]	note	
3	Connection attributes	12.5 [10]	note	
4	Multi-display	8.16 [9], 9.3 [11]	cB.14-01	
5	Network parameter	7.7.29 [6]	o	
6	Ext h/o indicator	9.1.1.1 [11]	o	
7	Transit delay	12.5 [10]	note	
8	Window size	12.5 [10]	note	
cB.14-01: IF B.3/36 THEN o ELSE n/a. NOTE: If the information element was sent already in the CC-SETUP-ACK message THEN n/a ELSE m.				

Table B.15: CC-CONNECT-ACK (Receiving, FT to PT)

Prerequisite: B.5/7				
Item	**CC-CONNECT-ACK**	**Reference**	**Status**	**Support**
1	Multi-display	8.16 [9], 9.3 [11]	cB.15-01	
cB.15-01: IF B.3/36 THEN o ELSE n/a.				

Table B.16: CC-RELEASE (Sending, PT to FT)

Prerequisite: B.4/8				
Item	**CC-RELEASE**	**Reference**	**Status**	**Support**
1	Release reason	8.7 [9], 8.9 [9]	cB.16-01	
2	Facility	7.7.15 [6]	o	
3	Progress Indicator	7.7.31 [6]	o	
cB.16-01: IF B.3/35 THEN m ELSE n/a.				

Table B.17: CC-RELEASE (Receiving, FT to PT)

Prerequisite: B.5/8				
Item	**CC-RELEASE**	**Reference**	**Status**	**Support**
1	Release reason	8.7 [9], 8.9 [9]	cB.17-01	
2	Progress Indicator	7.7.31 [6]	o	
3	Multi-display	8.16 [9], 9.3 [11]	cB.1702	
cB.17-01: IF B.3/35 THEN m ELSE n/a. cB.17-02: IF B.3/36 THEN o ELSE n/a.				

Table B.18: CC-RELEASE-COM (Sending, PT to FT)

Prerequisite: B.4/9				
Item	**CC-RELEASE-COM**	**Reference**	**Status**	**Support**
1	Release reason	8.7 [9], 8.9 [9], 12.5.2 [10]	m	
2	IWU attributes	12.5.2 [10]	m	
3	Facility	7.7.15 [6]	o	
4	Connection attributes	12.5.2 [10]	m	

Table B.19: CC-RELEASE-COM (Receiving, FT to PT)

Prerequisite: B.5/9				
Item	**CC-RELEASE-COM**	**Reference**	**Status**	**Support**
1	Release reason	8.7 [9], 8.9 [9], 12.5.2 [10]	m	
2	IWU attributes	12.5.2 [10]	m	
3	Multi-display	8.16 [9], 9.3 [11]	cB.19-01	
4	Connection attributes	12.5.2 [10]	m	
cB.19-01: IF B.3/36 THEN o ELSE n/a.				

Table B.20: CC-SERVICE-CHANGE (Sending, PT to FT)

Prerequisite: B.4/10				
Item	**CC-SERVICE-CHANGE**	**Reference**	**Status**	**Support**
1	Portable identity	12.6 [10]	cB.20-01	
2	IWU attributes	12.7 [10]	cB.20-02	
3	Service change Info	12.6 [10], 12.7 [10]	m	
4	Connection attributes	12.6 [10]	cB.20-01	
cB.20-01: IF B.3/44 THEN m ELSE n/a. cB.20-02: IF B.3/45 THEN m ELSE n/a.				

Table B.21: CC-SERVICE-CHANGE (Receiving, FT to PT)

Prerequisite: B.5/10				
Item	**CC-SERVICE-CHANGE**	**Reference**	**Status**	**Support**
1	Portable identity	12.6 [10]	cB.21-01	
2	IWU attributes	12.7 [10]	cB.21-02	
3	Service change Info	12.6 [10], 12.7 [10]	m	
4	Connection attributes	12.6 [10]	cB.21-01	
cB.21-01: IF B.3/44 THEN m ELSE n/a. cB.21-02: IF B.3/45 THEN m ELSE n/a.				

Table B.22: CC-SERVICE-ACCEPT (Sending, PT to FT)

Prerequisite: B.4/11				
Item	**CC-SERVICE-ACCEPT**	**Reference**	**Status**	**Support**
1	Portable identity	12.6 [10]	cB.22-01	
2	IWU attributes	12.7 [10]	cB.22-02	
3	Service change Info	12.6 [10], 12.7 [10]	o	
4	Connection attributes	12.6 [10]	cB.22-01	
cB.22-01: IF B.3/44 THEN o ELSE n/a. cB.22-02: IF B.3/45 THEN o ELSE n/a.				

Table B.23: CC-SERVICE-ACCEPT (Receiving, FT to PT)

Prerequisite: B.5/11				
Item	**CC-SERVICE-ACCEPT**	**Reference**	**Status**	**Support**
1	Portable identity	12.6 [10]	cB.23-01	
2	IWU attributes	12.7 [10]	cB.23-02	
3	Service change Info	12.6 [10], 12.7 [10]	o	
4	Connection attributes	12.6 [10]	cB.23-01	
cB.23-01: IF B.3/44 THEN m ELSE n/a. cB.23-02: IF B.3/45 THEN m ELSE n/a.				

Table B.24: CC-SERVICE-REJECT (Sending, PT to FT)

Prerequisite: B.4/12				
Item	**CC-SERVICE-REJECT**	**Reference**	**Status**	**Support**
1	Portable identity	12.6 [10]	cB.24-01	
2	IWU attributes	12.7 [10]	cB.24-02	
3	Service change Info	12.6 [10], 12.7 [10]	o	
4	Connection attributes	12.6 [10]	cB.24-01	
cB.24-01: IF B.3/44 THEN o ELSE n/a. cB.24-02: IF B.3/45 THEN o ELSE n/a.				

Table B.25: CC-SERVICE-REJECT (Receiving, FT to PT)

Prerequisite: B.5/12				
Item	**CC-SERVICE-REJECT**	**Reference**	**Status**	**Support**
1	Portable identity	12.6 [10]	cB.25-01	
2	IWU attributes	12.7 [10]	cB.25-02	
3	Service change Info	12.6 [10], 12.7 [10]	o	
4	Connection attributes	12.6 [10]	cB.25-01	
cB.25-01: IF B.3/44 THEN m ELSE n/a. cB.25-02: IF B.3/45 THEN m ELSE n/a.				

Table B.26: CC-NOTIFY (Receiving, FT to PT)

Prerequisite: B.5/13				
Item	**CC-NOTIFY**	**Reference**	**Status**	**Support**
1	Timer restart	6.9.6 [9]	m	

B.2.2.2 Mobility management messages

Table B.27: MM messages (Sending, PT to FT)

Prerequisite: A.3/1				
Item	**MM message**	**Reference**	**Status**	**Support**
1	ACCESS-RIGHTS-REQUEST	6.3.6.3 [6]	m	
2	ACCESS-RIGHTS-TERMINATE-ACCEPT	6.3.6.4 [6]	m, note	
3	ACCESS-RIGHTS-TERMINATE-REJECT	6.3.6.5 [6]	m	
4	AUTHENTICATION-REJECT	6.3.6.7 [6]	m, note	
5	AUTHENTICATION-REPLY	6.3.6.8 [6]	m	
6	AUTHENTICATION-REQUEST	6.3.6.9 [6]	m	
7	CIPHER-REJECT	6.3.6.10 [6]	m	
8	CIPHER-SUGGEST	6.3.6.12 [6]	cB.27-01	
9	DETACH	6.3.6.13 [6]	cB.27-02	
10	IDENTITY-REPLY	6.3.6.14 [6]	m	
11	LOCATE-REQUEST	6.3.6.19 [6]	m	
12	MM-INFO-REQUEST	6.3.6.22 [6]	cB.27-03	
13	TEMPORARY-IDENTITY-ASSIGN-ACKnowledge	6.3.6.25 [6]	m	
14	TEMPORARY-IDENTITY-ASSIGN-REJECT	6.3.6.26 [6]	m	
cB.27-01: IF B.3/37 OR B.3/62 THEN m ELSE n/a. cB.27-02: IF B.3/66 THEN m ELSE n/a. cB.27-03: IF B.3/57 OR B.3/60 THEN m ELSE n/a. NOTE: It is not required to include an information element in this message.				

Table B.28: MM messages (Receiving, FT to PT)

Prerequisite: A.3/1				
Item	**MM message**	**Reference**	**Status**	**Support**
1	ACCESS-RIGHTS-ACCEPT	6.3.6.1 [6]	m	
2	ACCESS-RIGHTS-REJECT	6.3.6.2 [6]	m, note	
3	ACCESS-RIGHTS-TERMINATE-REQUEST	6.3.6.6 [6]	m	
4	AUTHENTICATION-REJECT	6.3.6.7 [6]	m, note	
5	AUTHENTICATION-REPLY	6.3.6.8 [6]	m	
6	AUTHENTICATION-REQUEST	6.3.6.9 [6]	m	
7	CIPHER-REJECT	6.3.6.10 [6]	m	
8	CIPHER-REQUEST	6.3.6.11 [6]	m	
9	IDENTITY-REQUEST	6.3.6.15 [6]	m	
10	KEY-ALLOCATE	6.3.6.16 [6]	m	
11	LOCATE-ACCEPT	6.3.6.17 [6]	m	
12	LOCATE-REJECT	6.3.6.18 [6]	m	
13	MM-INFO-ACCEPT	6.3.6.20 [6]	cB.28-01	
14	MM-INFO-REJECT	6.3.6.21 [6]	cB.28-01	
15	MM-INFO-SUGGEST	6.3.6.23 [6]	m	
16	TEMPORARY-IDENTITY-ASSIGN	6.3.6.24 [6]	cB.28-02	
cB.28-01: IF B.3/57 OR B.3/60 THEN m ELSE n/a. cB.28-02: IF B.3/55 THEN m ELSE n/a. NOTE: It is not required to include an information element in this message.				

Table B.29: ACCESS-RIGHTS-ACCEPT (Receiving, FT to PT)

Prerequisite: B.28/1				
Item	**ACCESS-RIGHTS-ACCEPT**	**Reference**	**Status**	**Support**
1	Portable identity	8.30 [9]	m	
2	Fixed identity (PARK)	8.30 [9]	m	
3	ZAP field	8.30 [9]	cB.29-01	
4	Service class	8.30 [9]	cB.29-02	
5	Setup capability	12.8 [10]	m	
cB.29-01: IF B.3/21 THEN m ELSE n/a. cB.29-02: IF B.3/20 THEN m ELSE n/a.				

Table B.30: ACCESS-RIGHTS-REQUEST (Sending, PT to FT)

Prerequisite: B.27/1				
Item	**ACCESS-RIGHTS-REQUEST**	**Reference**	**Status**	**Support**
1	Portable identity	8.30 [9]	m	
2	Auth-type	8.30 [9]	m	
3	Setup capability	12.8 [10]	m	
4	Terminal Capability	8.30 [9]	m	

Table B.31: ACCESS-RIGHTS-TERMINATE-REJECT (Sending, PT to FT)

Prerequisite: B.27/3				
Item	**ACCESS-RIGHTS-TERMINATE-REJECT**	**Reference**	**Status**	**Support**
1	Reject reason	7.7.34 [6]	o	

Table B.32: ACCESS-RIGHTS-TERMINATE-REQUEST (Receiving, FT to PT)

Prerequisite: B.28/3				
Item	**ACCESS-RIGHTS-TERMINATE-REQUEST**	**Reference**	**Status**	**Support**
1	Portable identity	8.30 [9]	m	
2	Fixed identity (PARK)	8.31 [9]	o	

Table B.33: AUTHENTICATION-REPLY (Sending, PT to FT)

Prerequisite: B.27/5				
Item	**AUTHENTICATION-REPLY**	**Reference**	**Status**	**Support**
1	RES	8.24 [9]	m	
2	ZAP field	8.24 [9]	cB.33-01	
3	Service class	8.24 [9]	cB.33-02	
cB.33-01: IF B.3/21 THEN m ELSE n/a. cB.33-02: IF B.3/13 THEN m ELSE n/a.				

Table B.34: AUTHENTICATION-REPLY (Receiving, FT to PT)

Prerequisite: B.28/5				
Item	**AUTHENTICATION-REPLY**	**Reference**	**Status**	**Support**
1	RES	8.23 [9]	m	
2	RS	8.23 [9]	cB.34-01	
cB.34-01: IF B.3/21 THEN m ELSE n/a.				

Table B.35: AUTHENTICATION-REQUEST (Sending, PT to FT)

Prerequisite: B.27/6				
Item	**AUTHENTICATION-REQUEST**	**Reference**	**Status**	**Support**
1	Auth-type	8.23 [9], 8.32 [9]	m	
2	RAND	8.23 [9], 8.32 [9]	m	
3	RES	8.32[9]	cB.35-01	
cB.35-01: IF B.3/18 THEN m ELSE n/a.				

Table B.36: AUTHENTICATION-REQUEST (Receiving, FT to PT)

Prerequisite: B.28/6				
Item	**AUTHENTICATION-REQUEST**	**Reference**	**Status**	**Support**
1	Auth-type	8.24 [9], 8.25 [9], 8.26 [9], 8.27 [9]	m	
2	RAND	8.24 [9]	m	
3	RS	8.24 [9]	m	

Table B.37: CIPHER-REJECT (Sending, PT to FT)

Prerequisite: B.27/7				
Item	**CIPHER-REJECT**	**Reference**	**Status**	**Support**
1	Reject reason	7.7.34 [6]	o	

Table B.38: CIPHER-REJECT (Receiving, FT to PT)

Prerequisite: B.28/7				
Item	**CIPHER-REJECT**	**Reference**	**Status**	**Support**
1	Reject reason	12.9 [10]	m	

Table B.39: CIPHER-REQUEST (Receiving, FT to PT)

Prerequisite: B.28/8				
Item	**CIPHER-REQUEST**	**Reference**	**Status**	**Support**
1	Cipher info	8.33 [9], 8.34 [9]	m	

Table B.40: CIPHER-SUGGEST (Sending, PT to FT)

Prerequisite: B.27/8				
Item	**CIPHER-SUGGEST**	**Reference**	**Status**	**Support**
1	Cipher info	8.34 [9]	m	

Table B.41: DETACH (Sending, PT to FT)

Prerequisite: B.27/9				
Item	**DETACH**	**Reference**	**Status**	**Support**
1	Portable identity	7.7.30 [6]	m	

Table B.42: IDENTITY-REPLY (Sending, PT to FT)

Prerequisite: B.27/10				
Item	**IDENTITY-REPLY**	**Reference**	**Status**	**Support**
1	Portable identity	8.22 [9]	m, note	
2	Fixed identity	8.22 [9]	m, note	
NOTE: The <IDENTITY-REPLY> without B.42/1 and without B.42/2 has the function of an identity reject.				

Table B.43: IDENTITY-REQUEST (Receiving, FT to PT)

Prerequisite: B.28/9				
Item	**IDENTITY-REQUEST**	**Reference**	**Status**	**Support**
1	Identity type	8.22 [9]	m	

Table B.44: KEY-ALLOCATE (Receiving, FT to PT)

Prerequisite: B.28/10				
Item	**KEY-ALLOCATE**	**Reference**	**Status**	**Support**
1	Allocation type	8.32 [9]	m	
2	RAND	8.32 [9]	m	
3	RS	8.32 [9]	m	

Table B.45: LOCATE-ACCEPT (Receiving, FT to PT)

Prerequisite: B.28/11				
Item	**LOCATE-ACCEPT**	**Reference**	**Status**	**Support**
1	Portable identity	8.28 [9]	m	
2	Location area	8.28 [9]	m	
3	Use TPUI	7.6.2 [6]	o	
4	Ext h/o indicator	7.7.51 [6]	o	
5	Setup capability	12.8 [10]	m	
6	Duration	9.6 [11]	cB.45-01	
cB.45-01: IF B.3/68 THEN m ELSE n/a.				

Table B.46: LOCATE-REJECT (Receiving, FT to PT)

Prerequisite: B.28/12				
Item	**LOCATE-REJECT**	**Reference**	**Status**	**Support**
1	Duration	9.6 [11]	cB.46-01	
cB.46-01: IF B.3/68 THEN m ELSE n/a.				

Table B.47: LOCATE-REQUEST (Sending, PT to FT)

Prerequisite: B.27/11				
Item	**LOCATE-REQUEST**	**Reference**	**Status**	**Support**
1	Portable identity	8.28 [9]	m	
2	Fixed identity	8.28 [9]	o	
3	Location area	8.28 [9]	o	
4	Setup capability	12.8 [10]	m	
5	Terminal capability	8.28 [9]	m	

Table B.48: MM-INFO-ACCEPT (Receiving, FT to PT)

Prerequisite: B.28/13				
Item	**MM-INFO-ACCEPT**	**Reference**	**Status**	**Support**
1	Info type	9.1.1.2 [11], 9.1.3.2 [11]	m	
2	Call identity	7.7.6 [6]	o	
3	Repeat indicator "non-prioritized"	9.1.1.2 [11], 9.1.3.2 [11]	m	
4	Fixed identity	9.1.1.2 [11], 9.1.3.2 [11]	m	
5	Location area	7.7.25 [6]	o	
6	Network parameter	9.1.1.2 [11], 9.1.3.2 [11]	m	
7	Duration	7.7.13 [6]	o	

Table B.49: MM-INFO-REJECT (Receiving, FT to PT)

Prerequisite: B.28/14				
Item	**MM-INFO-REJECT**	**Reference**	**Status**	**Support**
1	Call identity	7.7.6 [6]	o	
2	Reject reason	7.7.34 [6]	o	

Table B.50: MM-INFO-REQUEST (Sending, PT to FT)

Prerequisite: B.27/12				
Item	**MM-INFO-REQUEST**	**Reference**	**Status**	**Support**
1	Info type	9.1.1.2 [11], 9.1.3.2 [11]	m	
2	Call identity	7.7.6 [6]	o	
3	Portable identity	7.7.30 [6]	o	
4	Fixed identity	7.7.18 [6]	o	
5	Location area	7.7.25 [6]	o	
6	Network parameter	7.7.29 [6]	o	

Table B.51: MM-INFO-SUGGEST (Receiving, FT to PT)

Prerequisite: B.28/15				
Item	**MM-INFO-SUGGEST**	**Reference**	**Status**	**Support**
1	Info type	9.8 [11], 12.8 [10]	m	
2	Call identity	7.7.6 [6]	o	
3	Location area	7.7.25 [6]	o	
4	Ext h/o indicator	7.7.51 [6]	o	
5	Key	7.7.24 [6]	o	
6	Setup capability	12.8 [10]	o	

Table B.52: TEMPORARY-IDENTITY-ASSIGN (Receiving, FT to PT)

Prerequisite: B.28/16				
Item	**TEMPORARY-IDENTITY-ASSIGN**	**Reference**	**Status**	**Support**
1	Portable identity	12.10 [10]	m	
2	Location area	7.7.25 [6]	o	
3	Duration	12.10 [10]	m	

B.2.2.3 Connection independent supplement service messages

Table B.53: CISS message (Receiving, FT to PT)

Prerequisite: A.3/1				
Item	**CISS message**	**Reference**	**Status**	**Support**
1	FACILITY	6.3.3.1 [6]	cB.53-01	
cB.53-01: IF B.3/65 THEN m ELSE n/a				

Table B.54: FACILITY (Receiving, FT to PT)

Prerequisite: B.53/1				
Item	**FACILITY**	**Reference**	**Status**	**Support**
1	Facility	9.7.1 [11], 9.7.2 [11]	o	
2	Multi-display	8.16 [9], 9.3 [11]	cB.54-01	
3	Feature activate	7.7.17 [6]	o	
4	Feature indicate	7.7.17 [6]	o	
cB.54-01: IF B.3/36 THEN o ELSE n/a.				

B.2.2.4 ConnectionLess message service messages

Table B.55: CLMS message (Sending, PT to FT)

Prerequisite: B.3/42 OR H.2/1				
Item	**CLMS message**	**Reference**	**Status**	**Support**
1	CLMS-VARIABLE	6.3.5.1 [6]	cB.55-01	
cB.55-01: IF H.2/1 THEN o ELSE n/a.				

Table B.56: CLMS messages (Receiving, FT to PT)

Prerequisite: B.3/42 OR H.2/1				
Item	**CLMS message**	**Reference**	**Status**	**Support**
1	CLMS-VARIABLE	12.8 [10], 6.3.5.1 [6]	cB.56-01	
2	CLMS-FIXED-data	12.8 [10], 6.4.3 [6], 8.3.1-2 [6]	o	
3	CLMS-FIXED-address	12.8 [10], 6.4.3 [6], 8.3.1-2 [6]	o	
cB.56-01: IF H.2/1 THEN o ELSE n/a.				

Table B.57: CLMS-VARIABLE (Sending, PT to FT)

Prerequisite: B.55/1				
Item	**CLMS-VARIABLE**	**Reference**	**Status**	**Support**
1	Portable identity	7.7.30 [6]	o	
2	Calling party number	7.7.9 [6]	o	

Table B.58: CLMS-VARIABLE (Receiving, FT to PT)

Prerequisite: B.56/1				
Item	**CLMS-VARIABLE**	**Reference**	**Status**	**Support**
1	Portable identity	7.7.30 [6]	o	
2	Calling party number	7.7.9 [6]	o	

B.2.2.5 Link control entity messages

Table B.59: LCE message (Sending, PT to FT)

Prerequisite: A.3/1				
Item	**LCE message**	**Reference**	**Status**	**Support**
1	LCE-PAGE-RESPONSE	6.3.7.1 [6]	m	

Table B.60: LCE messages (Receiving, FT to PT)

Prerequisite: A.3/1				
Item	**LCE message**	**Reference**	**Status**	**Support**
1	LCE-PAGE-REJECT	6.3.7.2 [6]	m	
2	LCE-REQUEST-PAGE short	6.4.2 [6]	oB.6001	
3	LCE-REQUEST-PAGE long	12.13 [10]	oB.6001	
oB.6001: It is mandatory to support at least one of these options.				

Table B.61: LCE-PAGE-RESPONSE (Sending, PT to FT)

Prerequisite: B.59/1				
Item	**LCE-PAGE-RESPONSE**	**Reference**	**Status**	**Support**
1	Portable identity	8.35 [9]	m	
2	Fixed identity	8.35 [9]	m	

Table B.62: LCE-PAGE-REJECT (Receiving, FT to PT)

Prerequisite: B.60/2				
Item	**LCE-PAGE-REJECT**	**Reference**	**Status**	**Support**
1	Portable identity	8.35.2.1 [9]	m	

Table B.63: LCE-REQUEST-PAGE short (Receiving, FT to PT)

Prerequisite: B.60/3				
Item	**LCE-REQUEST-PAGE short**	**Reference**	**Status**	**Support**
1	LCE header	12.11 [10]	m	
2	Short address	12.11 [10]	m	

Table B.64: LCE-REQUEST-PAGE long (Receiving, FT to PT)

Prerequisite: B.60/4				
Item	**LCE-REQUEST-PAGE long**	**Reference**	**Status**	**Support**
1	LCE header	12.13 [10]	m	
2	Discriminator	12.13 [10]	m	
3	Short address	12.13 [10]	m	
4	Information	12.13 [10]	m	

B.2.3 Information elements

B.2.3.1 Fixed length information element support

Table B.65: Repeat indicator (non prioritized list)

Prerequisite: B.48/3						
Item	**Repeat indicator (non prioritized)**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Repeat indicator "non-prioritized"	7.6.3 [6]	m		'11010001'B	

Table B.66: Type of call class in basic service

Prerequisite: B.6/3 OR B.7/3				
Item	**Type of call class in basic service**	**Reference**	**Status**	**Support**
1	Basic service "Normal call setup	12.1 [10], 12.2 [10]	m	
2	Basic service "Internal call setup"	8.18 [9]	cB.66-01	
3	Basic service "Service call setup"	8.20 [9]	cB.66-02	
4	Basic service "External handover call setup"	9.1.4 [11]	cB.66-03	
cB.66-01: IF B.3/38 THEN m ELSE n/a. cB.66-02: IF B.3/40 THEN m ELSE n/a. cB.66-03: IF B.3/61 THEN m ELSE n/a.				

Table B.67: Basic service - Normal call setup

Prerequisite: B.66/1						
Item	**Basic service - Normal call setup**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Call class	7.6.4 [6]	m		'1000'B	
2	Basic service	12.1 [10], 12.2 [10]	m		'1111'B	

Table B.68: Basic service - Internal call setup

Prerequisite: B.66/2						
Item	**Basic service - Internal call setup**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Call class	8.18 [9]	m		'1001'B	
2	Basic service	12.1 [10], 12.2 [10]	m		'1111'B	

Table B.69: Basic service - Service call setup

Prerequisite: B.66/3						
Item	**Basic service - Service call setup**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Call class	8.20 [9]	m		'1011'B	-
2	Basic service	12.1 [10], 12.2 [10]	m		'1111'B	-

Table B.70: Basic service - External handover call setup

Prerequisite: B.66/4						
Item	**Basic service - External handover call setup**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Call class	9.1.4 [11]	m		'1100'B	-
2	Basic service	12.1 [10], 12.2 [10]	m		'1111'B	-

Table B.71: Release reason

Prerequisite: B.16/1 OR B.17/1 OR B.18/1 OR B.19/1						
Item	**Release-reason**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Release reason code	8.7 [9], 8.9 [9], 12.5.2 [10], 12.6.2 [10]	m		00H-09H, 0DH-0FH, 10H-16H, 21H-23H, 31H-34H, 0EH, 0BH	

Table B.72: Signal

Prerequisite: B.7/8 OR B.9/3						
Item	**Signal**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Signal value	8.12 [9], 8.14 [9]	m		40H - 47H, 48H, 4FH	

Table B.73: Timer restart

Prerequisite: B.26/1						
Item	**Timer restart**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Restart value	6.9.6 [9]	m		'00000000'B	

B.2.3.2 Variable length information element

Table B.74: Allocation type

Prerequisite: B.44/1						
Item	**Allocation type**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Authentication algorithm identifier	7.7.2 [6]	m		'00000001'B	
2	User Authentication Key (UAK) number	8.32 [9]	m		'1000'B	
3	Authentication Code (AC) number	8.32 [9]	m		'1000'B	

Table B.75: Auth-type

Prerequisite: A.30/2 OR A.35/1 OR A.36/1						
Item	**Auth-type**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Authentication algorithm identifier	8.30 [9]	m		'00000001'B	
2	Authentication key type	7.7.4 [6]	m		'0001'B, '0011'B, '0100'B	
3	Authentication key number	8.30 [9]	m		'1000'B	
4	INCrement bit	7.7.4 [6]	m		cB.75-01	
5	Oct5_spare	7.7.4 [6]	m		0	
6	TXC bit	8.30 [9]	m		0	
7	UPC bit	7.7.4 [6]	m		cB.75-02	
8	Cipher key number	8.30 [9]	o		'0000'B, '1000'B	
cB.75-01: IF B.3/21 THEN ('0'B, '1'B) ELSE ('0'B). cB.75-02: IF B.3/24 THEN ('0'B, '1'B) ELSE ('0'B).						

Table B.76: Call attributes

Prerequisite: B.6/5 OR B.7/5 OR B.10/2 OR B.12/2 OR B.14/2						
Item	**Call attributes**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.5 [6]	m		'1'B	
2	Coding standard	12.5 [10]	m		'00'B	
3	Network layer attributes	12.5 [10]	m		'00010'B	
4	Oct4_ext_bit	7.7.5 [6]	m		'1'B	
5	C-plane class	12.5 [10]	m		'010'B	
6	C-plane routeing	12.5 [10]	m		'0000'B, '0100'B '0100'B, note 1	
7	Oct5_ext_bit	12.5 [10]	m		'1'B	
8	U-plane symmetry	12.5 [10]	m		'00'B	
9	LU identification (P => F direction)	12.5 [10]	m		'01010'B	
10	Oct6_ext_bit	12.5 [10]	m		'1'B	
11	U-plane class (P => F direction)	12.5 [10]	m		'101'B	
12	U-plane frame type (P => F direction)	12.5 [10]	m		'1010'B, note 2	
NOTE 1: Default value. NOTE 2: '1011'B optional, can only be used if both sides indicate the support of FU10b. '1010'B is the default value.						

Table B.77: Call identity

Prerequisite: B.48/2 OR B.49/1 OR B.50/2 OR B.51/2						
Item	**Call identity**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Transaction Flag (F)	7.3 [6]	m		'0'B, '1'B	
2	Transaction value (TV)	7.3 [6]	m		cB.77-01	
3	Protocol Discriminator (PD)	7.2 [6]	m		'0011'B, '0101'B, '0111'B,	
4	Extended transaction value (TVX)	7.3 [6]	cB.77-02		'00000000'B ..'11111111'B	
cB.77-01: IF B.77/3 = '0011'B THEN ['000'B .. '111'B]: ELSE B.77/3 = '0101'B THEN ('0'B]; ELSE B.77/3 = '0111'B THEN ['000'B .. '110'B]. cB.77-02: IF B.77/3 = '0011'B AND B.77/2 = '111'B THEN m ELSE x.						

Table B.78: Calling party number

Prerequisite: B.7/13 OR B.57/2 OR 58/2						
Item	**Calling party number**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.9 [6]	m		'0'B, '1'B	
2	Number type	8.12 [9]	m		'000'B .. '100'B, '110'B, '111'B	
3	Numbering plan identification	8.12 [9]	m		'0000'B, '0001'B, '0011'B, '0111'B, '1000'B, '1001'B, '1011'B, '1100'B, '1101'B, '1110'B, '1111'B	
4	Oct3a_ext_bit	7.7.9 [6]	cB.78-01		'1'B	
5	Presentation indicator	8.12 [9]	cB.78-01		'00'B .. '10'B	
6	Oct3a_spare	7.7.9 [6]	cB.78-01		'000'B	
7	Screening indicator	8.12 [9]	cB.78-01		'00'B .. '10'B	
8	Calling party address (group of octets)	8.12 [9]	m		len_o: cB.78-02 val: 00,02,03,05-0F,11 --1B,20-7F (HEX)	
cB.78-01: IF A.78/1 = '0'B THEN m ELSE x. cB.78-02: IF A.78/1 = '1'B THEN (1 .. 254) ELSE (1 .. 253).						

Table B.79: Cipher info

Prerequisite: B.39/1 OR A.40/1						
Item	**Cipher info**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Y/N	7.7.10 [6]	m		cB.79-01	
2	Cipher algorithm identifier	8.33 [9]	m		'0000001'B	
3	Cipher key type	8.33 [9]	m		'1001'B	
4	Cipher key number	8.33 [9]	m		'1000'B	
cB.79-01: IF B.3/62 OR B.3/63 THEN ('1'B) ELSE ('0'B).						

Table B.80: Connection attributes

Prerequisite: B.6/6 OR B.7/6 OR B.10/3 OR B.12/3 OR B.14/3 OR B.18/4 OR B.19/4 OR B.20/4 OR B.21/4 OR B.22/4 OR B.23/4 OR B.24/4 OR B.25/4						
Item	**Connection attributes**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.11 [6]	m		'1'B	
2	Symmetry	12.5 [10]	m		'001'B, '010'B	
					'001'B, note 1	
3	Connection identity	12.5 [10], 12.6 [10]	m		'0000'B	
4	Oct4_ext_bit	12.5 [10], 12.6 [10]	m		'0'B, '1'B	
5	Oct4_bearer_def_coding	7.7.11 [6]	m		'00'B	
6	Target bearers (P => F direction)	12.5 [10], 12.6 [10]	m		'00001'B .. '10111'B	
7	Oct4a_ext_bit	12.5 [10], 12.6 [10]	cB.80-01		'0'B, '1'B	
8	Oct4a_bearer_def_coding	7.7.11 v	cB.80-01		'01'B	
9	Minimum bearers (P => F direction)	12.5 [10], 12.6 [10]	cB.80-01		'00001'B .. '10111'B	
10	Oct4b_ext_bit	12.5 [10], 12.6 [10]	cB.80-02		'0'B, '1'B	
11	Oct4b_bearer_def_coding	7.7.11 [6]	cB.80-02		'00'B	
12	Target bearers (F => P direction)	12.5 [10], 12.6 [10]	cB.80-02		'00001'B .. '10111'B	
13	Oct4c_ext_bit	12.5 [10], 12.6 [10]	cB.80-03		'1'B	
14	Oct4c_bearer_def_coding	7.7.11 [6]	cB.80-03		'01'B	
15	Minimum bearers (F => P direction)	12.5 [10], 12.6 [10]	cB.80-03		'00001'B .. '10111'B	
16	Oct5_ext_bit	12.5 [10], 12.6 [10]	m		'0'B, '1'B	
17	MAC slot size	12.5 [10], 12.6 [10]	m		'100'B	
18	MAC service (P => F direction)	12.5 [10], 12.6 [10]	m		'0011'B, '0010'B '0110'B, '0111'B	
					'0010'B, note 1	
19	Oct5a_ext_bit	12.5 [10], 12.6 [10]	cB.80-04		'1'B	
20	Oct5a_spare	12.5 [10], 12.6 [10]	cB.80-04		'100'B	
21	MAC service (F => P direction)	12.5 [10], 12.6 [10]	cB.80-04		'0010'B, '0011'B, '0110'B, '0111'B	
22	Oct6_ext_bit	12.5 [10], 12.6 [10]	m		'0'B, '1'B	
23	C_F channel attributes (P => F direction)	12.5 [10], 12.6 [10]	m		'000'B, '010'B	
					'000'B, note 1	
24	MAC packet life time (P =>F direction)	12.5 [10], 12.6 [10]	m		'0000'B .. '0111'B	
					'0000'B, '0100'B, note 1	
25	Oct6a_ext_bit	12.5 [10], 12.6 [10]	cB.80-05		'1'B	
26	C_F channel attributes (F => P direction)	12.5 [10], 12.6 [10]	cB.80-05		'000'B	
27	MAC packet life time (F =>P direction)	12.5 [10], 12.6 [10]	cB.80-05		'0000'B .. '0111'B	
28	Oct7_ext_bit	12.5 [10], 12.6 [10]	m		'1'B, note 2	
29	A-attributes	12.5 [10], 12.6 [10]	m		'000'B, note 2	
30	Spare	12.5 [10], 12.6 [10]	m		'0'B, note 2	
31	B-attributes	12.5 [10]	m		'000'B, '001'B, '010'B, note 2	

cB.80-01: IF B.80/4 = '0'B THEN m ELSE n/a.
cB.80-02: IF B.80/7 = '0'B THEN m ELSE n/a.
cB.80-03: IF B.80/10 = '0'B THEN m ELSE n/a.
cB.80-04: IF B.80/16 = '0'B THEN m ELSE n/a.
cB.80-05: IF B.80/22 = '0'B THEN m ELSE n/a.
NOTE 1: Default value.
NOTE 2: For backwards compatibility, if octet 7 is not included support of 2-level modulation scheme (D.4/1) for both A- and B-field shall be assumed.

Table B.81: Duration

Prerequisite: B.45/6 OR B.46/1 OR B.48/7 OR B.52/3						
Item	**Duration**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Lock limits	9.6 [11]	m		'110'B, '111'B, '101'B	
2	Time limits	9.6 [11]	m		'0001'B, '0010'B, '1111'B	
3	Time duration	9.6 [11]	cB.81-01		'00000000'B .. '11111111'B	
cB.81-01: IF B.81/2 = '0010'B THEN m ELSE x.						

Table B.82: Facility

Prerequisite: B.12/4 OR B.16/2 OR B.18/3 OR B.54/1						
Item	**Facility**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.15 [6]	m		'1'B	
2	Oct3_subfield	7.7.15 [6]	m		'00'B	
3	Service discriminator	9.7.1 [11], 9.7.2 [11]	m		'10001'B	
4	Component(s)	9.7.1 [11], 9.7.2 [11]	m		MWIIndicate operation	

Table B.83: Class Fixed identity

Prerequisite: B.6/2 OR B.7/2 OR B.29/2 OR B.32/2 OR B.42/2 OR B.47/2 OR B.48/4 OR B.50/4 OR B.61/2				
Item	**Class Fixed identity**	**Reference**	**Status**	**Support**
1	Fixed identity class A	8.2 [9], 8.12 [9], 8.22 [9], 8.28 [9], 8.30 [9]	oB.83-01	
2	Fixed identity class B	8.2 [9], 8.12 [9], 8.22 [9], 8.28 [9], 8.30 [9]	oB.83-01	
3	Fixed identity class C	8.2 [9], 8.12 [9], 8.22 [9], 8.28 [9], 8.30 [9]	oB.83-01	
oB.83-01: It is mandatory to support at least one of these options.				

Table B.84: Fixed identity "ARI Class A" and "PARK Class A"

Prerequisite: B.83/1						
Item	**Fixed identity "ARI Class A" and "PARK Class A"**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.18 [6]	m		'1'B	
2	Type	7.7.18 [6]	m		'0000000'B, '0100000'B	
3	Oct4_ext_bit	7.7.18 [6]	m		'1'B	
4	Length of identity value	7.7.18 [6]	m		37	
5	Oct5_ext_bit	7.7.18 [6]	m		'0'B	
6	ARC	7.2 [7]	m		'000'B	
7	ARD_EMC	5.1 [7]	m		len_b: 16 val: 1 .. 65 535	
8	ARD_FPN	5.1 [7]	m		len_b: 17 val: 1 .. 131071	

Table B.85: Fixed identity "ARI Class B" or "PARK Class B"

Prerequisite: B.83/2						
Item	**Fixed identity "ARI Class B" and "PARK Class B"**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.18 [6]	m		'1'B	
2	Type	7.7.18 [6]	m		'0000000'B, '0100000'B	
3	Oct4_ext_bit	7.7.18 [6]	m		'1'B	
4	Length of identity value	7.7.18 [6]	m		32	
5	Oct5_ext_bit	7.7.18 [6]	m		'0'B	
6	ARC	7.2 [7]	m		'001'B	
7	ARD-EIC	5.2 [7]	m		len_b: 16 val: 1 - 65 535	
8	ARD-FPN	5.2 [7]	m		len_b: 0 .. 12 val: 1 - 255	
9	ARD-FPS	5.2 [7]	m		len_b: (12 - B.85/8.len_b) val: 1 - 15	

Table B.86: Fixed identity "ARI Class C" or "PARK Class C"

Prerequisite: B.83/3						
Item	**Fixed identity "ARI Class C" and "PARK Class C"**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.18 [6]	m		'1'B	
2	Type	7.7.18 [6]	m		'0000000'B, '0100000'B	
3	Oct4_ext_bit	7.7.18 [6]	m		'1'B	
4	Length of identity value	7.7.18 [6]	m		32	
5	Oct5_ext_bit	7.7.18 [6]	m		'0'B	
6	ARC	7.2 [7]	m		'010'B	
7	ARD-POC	5.3 [7]	m		len_b: 16 val: 1 - 65 535	
8	ARD-FPN	5.3 [7]	m		len_b: 0 .. 12 val: 1 - 255	
9	ARD-FPS	5.3 [7]	m		len_b: (12 - A.86/8.len_b) val: 1 - 15	

Table B.87: Fixed identity ARI+RPN Class A

Prerequisite: B.83/1						
Item	**Fixed identity "ARI+RPN Class A"**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.18 [6]	m		'1'B	
2	Type	7.7.18 [6]	m		'0000001'B, '0000010'B	
3	Oct4_ext_bit	7.7.18 [6]	m		'1'B	
4	Length of identity value	7.7.18 [6]	m		40	
5	Oct5_ext_bit	7.7.18 [6]	m		'0'B	
6	ARC	7.2 [7]	m		'000'B	
7	ARD_EMC	5.1 [7]	m		len_b: 16 val: 1 .. 65 535	
8	ARD_FPN	5.1 [7]	m		len_b: 17 val: 1 .. 131071	
9	RPN	5.1 [7]	m		len_b: 3 val: 0 .. 7	

Table B.88: Fixed identity ARI+RPN Class B

Prerequisite: B.83/2						
Item	**Fixed identity "ARI+RPN Class B"**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.18 [6]	m		'1'B	
2	Type	7.7.18 [6]	m		'0000001'B, '0000010'B	
3	Oct4_ext_bit	7.7.18 [6]	m		'1'B	
4	Length of identity value	7.7.18 [6]	m		40	
5	Oct5_ext_bit	7.7.18 [6]	m		'0'B	
6	ARC	7.2 [7]	m		'001'B	
7	ARD-EIC	5.2 [7]	m		len_b: 16 val: 1 - 65 535	
8	ARD-FPN	5.2 [7]	m		len_b: 0 .. 12 val: 1 - 255	
9	ARD-FPS	5.2 [7]	m		len_b: (12 - B.88/8.len_b) val: 1 - 15	
10	RPN	5.2 [7]	m		len_b: 8 val: 0 .. 255	

Table B.89: Fixed identity "ARI+RPN Class C"

Prerequisite: B.83/3						
Item	**Fixed identity "ARI+RPN Class C"**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.18 [6]	m		'1'B	
2	Type	7.7.18 [6]	m		'0000001'B, '0000010'B	
3	Oct4_ext_bit	7.7.18 [6]	m		'1'B	
4	Length of identity value	7.7.18 [6]	m		40	
5	Oct5_ext_bit	7.7.18 [6]	m		'0'B	
6	ARC	7.2 [7]	m		'010'B	
7	ARD-POC	5.3 [7]	m		len_b: 16 val:1 - 65 535	
8	ARD-FPN	5.3 [7]	m		len_b: 0 .. 12 val: 1 - 255	
9	ARD-FPS	5.3 [7]	m		len_b: (12 - B.89/8.len_b) val: 1 - 15	
10	RPN	5.3 [7]	m		len_b: 8 val: 0 .. 255	

Table B.90: Identity type

Prerequisite: B.43/1				
Item	**Identity type**	**Reference**	**Status**	**Support**
1	Identity type "Portable identity"	7.7.19 [6]	oB.90-01	
2	Identity type "Fixed identity"	7.7.19 [6]	oB.90-01	
oB.90-01: It is mandatory to support at least one of these options.				

Table B.91: Identity type "Portable identity"

Prerequisite: A.90/1						
Item	**Identity type 'Portable identity"**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.19 [6]	m		'1'B	
2	Oct3_subfield	7.7.19 [6]	m		'000'B	
3	Identity group	7.7.19 [6]	m		'0000'B	
4	Oct4_ext_bit	7.7.19 [6]	m		'1'B	
5	Type	7.7.19 [6]	m		'0000000'B, '0010000'B, '0100000'B	

Table B.92: Identity type "Fixed identity"

Prerequisite: A.90/2						
Item	**Identity type "Fixed identity"**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.19 [6]	m		'1'B	
2	Oct3_subfield	7.7.19 [6]	m		'000'B	
3	Identity group	7.7.19 [6]	m		'0100'B	
4	Oct4_ext_bit	7.7.19 [6]	m		'1'B	
5	Type	7.7.19 [6]	m		'0000000'B, '0000001'B, '0100000'B	

Table B.93: Info type

Prerequisite: B.48/1 OR B.50/1 OR B.51/1						
Item	**Info type**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	8.29 [9], 9.1.1.2 [11], 9.1.3.2 [11], 9.8 [11], 12.8 [10]	m		'1'B	
2	Parameter coding	8.29 [9], 9.1.1.2 [11], 9.1.3.2 [11], 9.8 [11], 12.8 [10]	m		'0000001'B, '0000110'B, '0001000'B, '0001011'B .. '0001101'B	

Table B.94: IWU attributes

Prerequisite: B.6/4 OR B.7/4 OR B.10/1 OR B.12/1 OR B.14/1 OR B.18/2 OR B.19/2 OR B.20/2 OR B.21/2 OR B.22/2 OR B.23/2 OR B.24/2 OR B.25/2						
Item	**IWU attributes**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.21 [6]	m		'1'B	
2	Coding standard	12.5 [10]	m		'01'B	
3	Profile	12.5 [10]	m		'00000'B	
4	Oct4_ext_bit	7.7.21 [6]	m		'1'B	
5	Negotiation indicator	12.5 [10]	m		'000'B, '010'B	
6	Profile subtype	12.5 [10], 12.7 [10]	m		'0000'B note	
7	IWU Attribute(s) information	7.7.21 [6]	m		note	
NOTE: The coding of the profile subtype/IWU attributes is given in the table I.4.						

Table B.95: Key

Prerequisite: B.51/5						
Item	**Key**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Key type	7.7.24 [6]	m		'10010000'B	
2	Key data (group of octets)	7.7.24 [6]	m		len_o: 1 .. 254 val: 0 .. (2(2548)-1)	

Table B.96: Location area "No ELI"

Prerequisite: B.45/2 OR B.47/3 OR B.48/5 OR B.50/5 OR B.51/3 OR B.52/2						
Item	**Location area "No ELI"**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Location Information (LI) type	8.28 [9]	m		'01'B	
2	Location area level	8.28 [9]	m		'000000'B .. '100111'B	

Table B.97: Multi-display

Prerequisite: B.7/7 OR B.10/5 OR B.11/4 OR B.13/4 OR B.14/4 OR B.15/1 OR B.17/3 OR B.19/3 OR B.54/2						
Item	**Single-display**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Display information (DECT character)	8.16 [9], 9.3 [11]	m		cB.97-01	
cB.97-01: IF B.2/24 THEN 0CH, 20H, 23H, 2AH, 30H – 39H. ELSE IF B.2/25 THEN 08H – 0BH, 0DH. ELSE IF DECT standard characters THEN 0CH, 20H, 23H, 2AH, 30H – 7FH. ELSE IF DECT control characters THEN 02H, 03H, 08H – 0FH, 19H – 7FH.						

Table B.98: Multi-keypad

Prerequisite: B.8/1						
Item	**Multi-keypad**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Keypad information (group of octets)	8.10 [9], 8.19 [9], 8.21 [9]	m		len_o: 1 .. 255 val: 05H, 12H, 14H, 15H, 16H, 17H, 18H, 23H, 2AH, 30H, 39H	

Table B.99: Type NWK parameter

Prerequisite: B.6/7 OR B.7/9 OR B.9/4 OR B.10/6 OR B.14/5 OR B.48/6 OR B.50/6				
Item	**Type NWK parameter**	**Reference**	**Status**	**Support**
1	GSM network	7.7.29 [6]	oB.99-01	
2	Proprietary	7.7.29 [6]	oB.99-01	
3	Private network	7.7.29 [6]	oB.99-01	
4.	Public network	7.7.29 [6]	oB.99-01	
5	Handover not required	7.7.29 [6]	oB.99-01	
oB.99-01: It is mandatory to support at least one of these options.				

Table B.100: Network parameter "GSM network"

Prerequisite: B.99/1						
Item	**Network parameter "GSM network"**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Discriminator	7.7.29 [6]	m		'01101010'B, '11101010'B	
2	Data field	7.7.29 [6]	cB.100-01		'00000000'B .. '11111111'B	
cB.100-01: IF A.100/1 = ('11101010'B) THEN x ELSE m.						

Table B.101: Network parameter "Proprietary"

Prerequisite: A.99/2						
Item	**Network parameter "Proprietary"**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Discriminator	7.7.29 [6]	m		'01111111'B	
2	Data field	7.7.29 [6]	o		len_o: 1 .. 254 val: 0 .. (2(2548)-1)	

Table B.102: Network parameter "Private network"

Prerequisite: A.99/3						
Item	**Network parameter "Private network"**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Discriminator	7.7.29 [6]	m		'01101001'B	
2	Data field	7.7.29 [6]	o		len_o: 1 .. 254 val: 0 .. (2(2548)-1)	

Table B.103: Network parameter "Public network"

Prerequisite: A.99/4						
Item	**Network parameter "Public network"**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Discriminator	7.7.29 [6]	m		'01101011'B	
2	Data field	7.7.29 [6]	o		len_o: 1 .. 254 val: 0 .. (2(2548)-1)	

Table B.104: Network parameter "Handover not required"

Prerequisite: A.99/5						
Item	**Network parameter "Handover not required"**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Discriminator	7.7.29 [6]	m		'01101000'B	

Table B.105: Type of portable identity

Prerequisite: B.6/1 OR B.7/1 OR B.20/1 OR B.21/1 OR B.22/1 OR B.23/1 OR B.24/1 OR B.25/1 OR B.29/1 OR B.30/1 OR B.32/1 OR B.41/1 OR B.42/1 OR B.45/1 OR B.47/1 OR B.50/1 OR B.52/1 OR B.57/1 OR B.58/1 OR B.61/1 OR B.62/1				
Item	**Type of portable identity Identity name**	**Reference**	**Status**	**Support**
1	IPEI	8.30 [9]	m	
2	IPUI-N	8.30 [9]	m	
3	IPUI-S	8.30 [9]	m	
4	IPUI-O	8.30 [9]	m	
5	IPUI-T	8.30 [9]	m	
6	IPUI-P	8.30 [9]	m	
7	IPUI-Q	8.30 [9]	m	
8	IPUI-U	8.30 [9]	m	
9	TPUI-default	8.30 [9]	m	
10	TPUI-assigned individual	8.30 [9]	m	

Table B.106: Portable identity "IPUI-N or IPEI"

Prerequisite: B.105/1 OR B.105/2						
Item	**Portable identity "IPUI-N or IPEI" Name of field**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.30 [6]	m		'1'B	
2	Type	7.7.30 [6]	m		'0000000'B, '0010000'B	
3	Oct4_ext_bit	7.7.30 [6]	m		'1'B	
4	Length of identity value	7.7.30 [6]	m		40	
5	Portable User Type (PUT)	12.6 [10]	m		'0000'B	
6	PUN- EMC	10 [6]	m		len_b: 16 val: 1 .. 65 535	
7	PUN-PSN	10 [6]	m		len_b: 20 val: 0 .. 1048575	

Table B.107: Portable identity - type of IPUI-O

Prerequisite: B.105/4						
Item	**Portable identity - type of IPUI-O Name of field**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.30 [6]	m		'1'B	
2	Type	7.7.30 [6]	m		'0000000'B	
3	Oct4_ext_bit	7.7.30 [6]	m		'1'B	
4	Length of identity value	7.7.30 [6]	m		64	
5	Portable User Type (PUT)	6.2.1 [7]	m		'0001'B	
6	Portable User Number (PUN)	6.2.3 [7]	m		len_b: 60 val: 0 .. ((260)-1)	

Table B.108: Portable identity - type of IPUI-P

Prerequisite: B.105/6						
Item	**Portable identity - type of IPUI-P Name of field**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.30 [6]	m		'1'B	
2	Type	7.7.30 [6]	m		'0000000'B	
3	Oct4_ext_bit	7.7.30 [6]	m		'1'B	
4	Length of identity value	7.7.30 [6]	m		100	
5	Portable User Type (PUT)	6.2.1 [7]	m		'0010'B	
6	PUN-Public Operator Code	6.2.5 [7]	m		len_b: 16 val: 1 .. 65 535	
7	PUN-ACCount number	6.2.5 [7]	m		len_b: 80 val: 0 .. ((280)-1)	

Table B.109: Portable identity - type IPUI-Q

Prerequisite: B.105/7						
Item	**Portable identity - type IPUI-Q Name of field**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.30 [6]	m		'1'B	
2	Type	7.7.30 [6]	m		'0000000'B,	
3	Oct4_ext_bit	7.7.30 [6]	m		'1'B	
4	Length of identity value	7.7.30 [6]	m		84	
5	Portable User Type (PUT)	6.2.1 [7]	m		'0011'B	
6	PUN-BACN	6.2.6 [7]	m		len_b: 80 val: 0 .. ((280)-1)	

Table B.110: Portable identity - type IPUI-S

Prerequisite: B.105/3						
Item	**Portable identity - type IPUI-S Name of field**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.30 [6]	m		'1'B	
2	Type	7.7.30 [6]	m		'0000000'B	
3	Oct4_ext_bit	7.7.30 [6]	m		'1'B	
4	Length of identity value	7.7.30 [6]	m		64	
5	Portable User Type (PUT)	6.2.1 [7]	m		'0101'B	
6	PUN-ISDN/PSTN number	6.2.2 [7]	m		len_b: 60 val: 0 .. ((260)-1)	

Table B.111: Portable identity - type of IPUI-T

Prerequisite: B.105/5						
Item	**Portable identity - type of IPUI-T Name of field**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.30 [6]	m		'1'B	
2	Type	7.7.30 [6]	m		'0000000'B	
3	Oct4_ext_bit	7.7.30 [6]	m		'1'B	
4	Length of identity value	7.7.30 [6]	m		64	
5	Portable User Type (PUT)	6.2.1 [7]	m		'0110'B	
6	PUN-EIC	6.2.4 [7]	m		len_b: 16 val: 1 .. ((216)-1)	
7	PUN-Number	6.2.4 [7]	m		len_b: 44 val: 0 .. ((244)-1)	

Table B.112: Portable identity - type IPUI-U

Prerequisite: B.105/8						
Item	**Portable identity - type IPUI-U**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.30 [6]	m		'1'B	
2	Type	7.7.30 [6]	m		'0000000'B	
3	Oct4_ext_bit	7.7.30 [6]	m		'1'B	
4	Length of identity value	7.7.30 [6]	m		84	
5	Portable User Type (PUT)	6.2.1 [7]	m		'0111'B	
6	PUN-CACN	6.2.7 [7]	m		len_b: 80 val: 0 .. ((280)-1)	

Table B.113: Portable identity - type default individual TPUI

Prerequisite: B.105/10						
Item	**Portable identity – type default individual TPUI**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.30 [6]	m		'1'B	
2	Type	7.7.30 [6]	m		'0100000'B	
3	Oct4_ext_bit	7.7.30 [6]	m		'1'B	
4	Length of identity value	7.7.30 [6]	m		20	
5	Oct5_bit8765	7.7.30 [6]	m		'0000'B	
6	TPUI type 1st digit	6.3 [7]	m		EH	
7	Last 16 bits of the least significant portion of IPUI	6.3 [7]	m		len_b: 16 val: oB.113-01	
oB.113-01: Last 4 BCD digits from (B.106/7 OR B.110/6 OR B.107/7 OR B.111/4 OR B.108/6 OR B.109/6 OR B.112/7).						

Table B.114: Portable identity - type assigned individual TPUI

Prerequisite: B.105/11						
Item	**Portable identity – type assigned individual TPUI**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.30 [6]	m		'1'B	
2	Type	7.7.30 [6]	m		'0100000'B	
3	Oct4_ext_bit	7.7.30 [6]	m		'1'B	
4	Length of identity value	7.7.30 [6]	m		20	
5	Oct5_bit8765	7.7.30 [6]	m		'0000'B	
6	TPUI type 1st digit	6.3 [7]	m		0H .. BH	
7	TPUI type 2nd digit	6.3 [7]	m		0H .. BH	
8	Last 12 bits	6.3 [7]	m		len_b: 12 val: 0 .. ((212) - 1)	

Table B.115: Progress indicator

Prerequisite: B.9/1 OR B.10/4 OR B.11/3 OR B.13/3 OR B.16/3 OR B.17/2						
Item	**Progress indicator**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	7.7.31 [6]	m		'1'B	
2	Coding standard	7.7.31 [6]	m		'00'B .. '11'B	
3	Oct3_subfield	7.7.31 [6]	m		'0'B	
4	Location	7.7.31 [6]	m		'0000'B, .. '0010'B, '0100'B, '0101'B, '0111'B, '1010'B, '1111'B	
5	Oct4_ext_bit	7.7.31 [6]	m		'1'B	
6	Progress description	8.3 [9], 8.4 [9], 8.5 [9], 8.40 [9]	m		'0001000'B	

Table B.116: RAND

Prerequisite: B.35/2 OR B.36/2 OR B.44/2						
Item	**RAND**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	RAND field (group of octets)	8.23 [9], 8.24 [9], 8.32 [9]	m		len_o: 8 val: 0 .. ((64))-1)	

Table B.117: Reject reason

Prerequisite: B.31/1 OR B.38/1 OR B.49/2						
Item	**Reject reason**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Reject reason	7.7.34 [6], 12.9 [10]	m		01-03,05,06,10-14,17-24,2F, 30, 40-43, 5F, 60, 64, 70, 76, 80, 81 (Hex)	

Table B.118: RES

Prerequisite: B.33/1 OR B.34/1 OR B.35/3						
Item	**RES**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	RES value (group of octets)	8.23 [9], 8.24 [9], 8.32 [9]	m		len_o: 4 val:0 .. ((232)-1)	

Table B.119: RS

Prerequisite: B.34/2 OR B.36/3 OR B.44/3						
Item	**RS**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	RS value (group of octets)	8.23 [9], 8.24 [9], 8.32 [9]	m		len_o: 8 val: 0 .. ((64)-1)	

Table B.120: Service change info

Prerequisite: B.20/3 OR B.21/3 OR B.22/3 OR B.23/3 OR B.24/3 OR B.25/3						
Item	**Service change info**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	12.6 [10], 12.7 [10]	m		'1'B	
2	Coding standard	12.6 [10]	m		'00'B	
3	Master (m)	12.6 [10]	m		'0'B, '1'B	
4	Change mode	12.6 [10], 12.7 [10]	m		'0010'B, '1100'B	

Table B.121: Service class

Prerequisite: B.29/4 OR B.33/3						
Item	**Service class**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Service class field	8.24 [9], 8.30 [9]	m		'00000001'B .. '00000110'B	

Table B.122: Setup capability

Prerequisite: B.29/5 OR B.30/3 OR B.45/5 OR B.47/4 OR B.51/6						
Item	**Setup capability**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	12.8 [10]	m		'1'B	
2	Protocol Discriminator	12.8 [10]	m		'001'B, note 2	
3	Setup capability	12.8 [10]	m		'01'B, '10'B	
					'01'B, note 3	
4	Paging capability	12.8 [10]	m		'01'B, '10'B	
					'01'B, note 3	
5	Oct4_extbit	12.8 [10]	m		'1'B	
6	Service_settings_1	12.8 [10]	m		'000????'B	
					'0000000'B	
7	Parameter_settings_1	12.8 [10]	m		'00??????'B	
					'00110000'B, note 3	
8	T903	12.8 [10]	cB.122-01		0-250, note 4	
9	T904	12.8 [10]	cB.122-02		0-31, note 5	
10	T905	12.8 [10]	cB.122-03		0-31, note 5	
11	T909	12.8 [10]	cB.122-04		0-31, note 6	
12	T910	12.8 [10]	cB.122-05		5-255, note 7	
					32, note 3	
13	Bearer number	12.8 [10]	m		0-24	
					2, note 3	

cB.122-01: IF B.122/7 = 'xxxxxxx1' THEN m AND T903 = 5 ELSE x.
cB.122-02: IF B.122/7 = 'xxxxxx1x' THEN m AND T904 = 10 ELSE x.
cB.122-03: IF B.122/7 = 'xxxxx1xx' THEN m AND T905 = 10 ELSE x.
cB.122-04: IF B.122/7 = 'xxxx1xxx' THEN m AND T909 = 31 ELSE x.
cB.122-05: IF B.122/7 = 'xxx1xxxx' THEN m AND T910 = 32 ELSE x.
NOTE 1: The value 0 is not allowed if this information element is included in B.29 OR B.30 OR B.45 OR B.47.
NOTE 2: '000'B is allowed for backwards compatibility with terminals already using this information element.
NOTE 3: Default value.
NOTE 4: 1 Unit equals 2 DECT frames.
NOTE 5: 1 Unit equals 1 DECT frame.
NOTE 6: 1 Unit equals 1 DECT multi-frame.
NOTE 7: 1 Unit equals 4 DECT multi-frames.

Table B.123: Terminal capability

Prerequisite: B.30/4 OR B.47/5						
Item	**Terminal capability**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	12.3 [10]	m		'0'B, '1'B	
2	Tone capability	12.3 [10]	m		'000'B .. '100'B	
3	Display capability	12.3 [10]	m		'0000'B .. '0101'B	
4	Oct4_ext_bit	12.3 [10]	m		'0'B	
5	Profile indicator_1	12.3 [10]	m		'1xxxxxx'B	
6	Oct4a_ext_bit	12.3 [10]	m		'0'B	
7	Profile indicator_2	12.3 [10]	m		'xxxxxx1'B	
8	Oct4b_ext_bit	12.3 [10]	m		'0'B	
9	Profile indicator_3	12.3 [10]	m		'?1?????'B	
10	Oct4c_ext_bit	12.3 [10]	m		'0'B	
11	Profile indicator_4	12.3 [10]	m		'???1???'B, '??1????'B	
12	Oct4d_ext_bit	12.3 [10]	m		'1'B	
13	Profile indicator_5	12.3 [10]	m		'??????1'B, '?????1?'B, '????1??'B, '???1???'B, '??1????'B	
14	Oct5_ext_bit	7.7.41 [6]	m		'1'B	
15	Oct5_spare	7.7.41 [6]	m		'0000'B	
16	Control Codes	12.3 [10]	m		'000'B .. '100'B	
17	Oct6_ext_bit	12.3 [10]	m		'0'B, '1'B	
18	Blind slot indication	12.3 [10]	m		'00'B.. '11'B	
19	Sp0	12.3 [10]	m		'0'B, '1'B	
20	Sp1	12.3 [10]	m		'0'B, '1'B	
21	Sp2	12.3 [10]	m		'0'B, '1'B	
22	Sp3	12.3 [10]	m		'0'B, '1'B	
23	Sp4	12.3 [10]	m		'0'B, '1'B	
24	Oct6a_ext_bit	12.3 [10]	cB.123-01		'1'B	
25	Sp5	12.3 [10]	cB.123-01		'0'B, '1'B	
26	Sp6	12.3 [10]	cB.123-01		'0'B, '1'B	
27	Sp7	12.3 [10]	cB.123-01		'0'B, '1'B	
28	Sp8	12.3 [10]	cB.123-01		'0'B, '1'B	
29	Sp9	12.3 [10]	cB.123-01		'0'B, '1'B	
30	Sp10	12.3 [10]	cB.123-01		'0'B, '1'B	
31	Sp11	12.3 [10]	cB.123-01		'0'B, '1'B	
cB.123-01: IF A.123/17 = '1'B THEN x ELSE m.						

Table B.124: Transit delay

Prerequisite: B.6/8 OR B.7/11 OR B.10/8 OR B.12/5 OR B.14/7						
Item	**Transit delay**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	12.5 [10]	m		'1'B	
2	Oct3_subfield	12.5 [10]	m		'0'B	
3	Forward delay	12.5 [10]	m		0	
4	Oct4_ext_bit	12.5 [10]	m		'1'B	
5	Oct4_subfield	12.5 [10]	m		'0'B	
6	Backward delay	12.5 [10]	m		0, note	
NOTE: It is not required to support different values in Backwards direction.						

Table B.125: Window size

Prerequisite: B.6/9 OR B.7/12 OR B.10/9 OR B.12/6 OR B.14/8						
Item	**Window size**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	12.5 [10]	m		'0'B	
2	Window size value (forward)	12.5 [10]	m		1 – 256, note 1 32, note 2	
3	Oct3a_ext_bit	12.5 [10]	m		'1'B	
4	Window size value continue	12.5 [10]	m		1 – 256, note 1 32, note 2	
5	Oct4_ext_bit	12.5 [10]	m		'0'B	
6	Window size value (backward)	12.5 [10]	m		1 – 256, note 1 32, note 2	
7	Oct4a_ext_bit	12.5 [10]	m		'1'B	
8	Window size value (continue)	12.5 [10]	m		1 – 256, note 1 32, note 2	
NOTE 1: The value shall be coded with the natural binary value, and the result shall be placed in octet 3a/ octet 4a with the least significant bit in position 1 of octet 3a/4a. NOTE 2: Default value.						

Table B.126: ZAP

Prerequisite: B.29/3 OR B.33/2						
Item	**ZAP**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_subfield	7.7.44 [6]	m		'0000'B	
2	Contents field (ZAP value)	8.30 [9], 8.24 [9]	m		'0000'B .. '1111'B	

B.2.3.3 Escape information elements support

Table B.127: Ext h/o indicator

Prerequisite: B.7/10 OR B.9/5 OR B.10/7 OR B.14/6 OR B.45/4 OR B.51/4						
Item	**Ext h/o indicator**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	OID	9.1.1.1 [11]	m		'0'B, '1'B	
2	SYNC	9.1.1.1 [11]	m		'00'B .. '11'B	
3	Length indicator	9.1.1.1 [11]	m		0 .. 31	

B.2.3.4 B-Format message structure support

Table B.128: LCE-REQUEST-PAGE short

Prerequisite: B.60/2						
Item	**Short TPUI address of LCE-request paging message**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct1_bits8765	8.2.1 [6]	m		don't care	
2	W-bit	12.11 [10]	m		'0'B, '1'B	
3	LCE header	12.11 [10]	m		'001'B, '011'B, '110'B, '111'B	
4	TPUI address (lowest 16 bits)	12.11 [10]	m		0-65 535	

Table B.129: LCE-REQUEST-PAGE long

Prerequisite: B.60/3						
Item	**Long TPUI address of LCE-request paging message**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct1_bits8765	8.2.1 [6]	m		don't care	
2	W-bit	12.13 [10]	m		'1'B	
3	LCE header	12.13 [10]	m		'010'B	
4	Discriminator	12.13 [10]	m		'0000'B, '0001'B	
5	TPUI address	12.13 [10]	m		20 bits value	
6	Spare	12.13 [10]	m		'0000'B	
7	IWU identification	12.13 [10]	m		'0001'B	

Table B.130: Address section of CLMS-fixed message

Prerequisite: B.56/3						
Item	**Address section of CLMS-fixed extended format message "alphanumeric"**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct1_bits8765	8.2.1 [6]	m		don't care	
2	A-bit	12.8 [10]	m		'1'B	
3	CLMS Header	12.8 [10]	m		'100'B	
4	TPUI address (lowest 16 bits)	12.8 [10]	m		0-65 535	
5	Protocol Discriminator	12.8 [10]	m		'0000001'B	
6	Length indicator	12.8 [10]	m		0 .. 160	

Table B.131: Data section of CLMS-fixed message

Prerequisite: B.56/2						
Item	**Data section of CLMS-fixed extended format message**	**Reference**	**Stat.**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct1_bits8765	8.3.2 [6]	m		don't care	
2	A-bit	12.8 [10]	m		'0'B	
3	CLMS Header/Data section number	12.8 [10]	m		'000'B .. '111'B	
4	Data/Fill	12.8 [10]	m		len_o: 4 val: 0 .. ((24) - 1), note	
NOTE: A complete <<Setup capability>> information elements shall be included – more than 1 CLMS fixed data sections may be needed.						

B.2.4 Protocol error handling

Table B.132: Error and exception handling procedures

Item	Error and exception handling procedures Procedure name	Reference	Status	Support
1	eeh_protocol_discriminator_error	17.1 [6]	m	
2	eeh_message_too_short	17.2 [6]	m	
3	eeh_illegal_and_unsupported_transaction_identity_error	17.3.1 [6]	m	
4	eeh_unknown_active_cc_call	17.3.2.1 [6]	m	
5	eeh_unknown_active_mm_transaction	17.3.2.5 [6]	m	
6	eeh_unknown_active_lce_transaction	17.3.2.6 [6]	m	
7	eeh_call_resource_contention	17.3.3 [6]	m	
8	eeh_cc_message_error	17.4.1 [6]	m	
9	eeh_mm_message_error	17.4.4 [6]	m	
10	eeh_lce_message_error	17.4.5 [6]	m	
11	eeh_info_element_out_of_sequence	17.5.1 [6]	m	
12	eeh_duplicated_info_elements	17.5.2 [6]	m	
13	eeh_mandatory_info_element_missing_in_cc_message	17.6.1 [6]	m	
14	eeh_mandatory_info_element_content_error_in_cc_message	17.6.2 [6]	m	
15	eeh_mandatory_info_element_error_in_mm_message	17.6.4 [6]	m	
16	eeh_mandatory_info_element_error_in_lce_message	17.6.5 [6]	m	
17	eeh_unrecognized_info_element	17.7.1 [6]	m	
18	eeh_non-mandatory_info_element_content_error	17.7.2 [6]	m	

B.2.5 Protocol parameters

B.2.5.1 Timers and constants support

Table B.133: Timers and constants

Item	Timers and constants	Reference	Status	Support	Value allowed	Value
1	CC.01	A.1 [6]	cB.133-01		20 s	
2	CC.02	A.1 [6]	m		36 s	
3	CC.03	A.1 [6]	m		20 s	
4	CC_service	12.6 [10]	cB.133-02		20 s	
5	MM_access.2	A.5 [6]	cB.133-03		10 s	
6	MM_auth.1	A.5 [6]	m		10 s	
7	MM_auth.2	A.5 [6]	cB.133-04		100 s	
8	MM_cipher.1	A.5 [6]	m		10 s	
9	MM_ident.1	A.5 [6]	cB.133-05		10 s	
10	MM_ident.2	A.5 [6]	cB.133-06		10 s	
11	MM_key.1	A.5 [6]	cB.133-07		10 s	
12	LCE.01	A.6 [6]	m		5 s	
13	LCE.02	A.6 [6]	m		10 s	
14	LCE.03	A.6 [6]	m		3 s	
cB.133-01: IF B.3/14 THEM m ELSE n/a. cB.133-02: IF B.2/35 THEM m ELSE n/a. cB.133-03: IF B.3/34 THEM m ELSE n/a. cB.133-04: IF B.3/14 THEM m ELSE n/a. cB.133-05: IF B.3/15 THEM m ELSE n/a. cB.133-06: IF B.3/19 THEM m ELSE n/a. cB.133-07: IF B.3/18 THEM m ELSE n/a.						

Annex C (normative): Ethernet ASAP - DLC layer ICS Proforma for PT

C.1 Global statement of conformance

An explicit answer shall be entered, in each of the support or column boxes provided, using the notation described in clause 5.3.

Table C.1: Global statement of conformance

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, on pages attached to the ICS proforma.

C.2 Capabilities

C.2.1 Major capabilities

C.2.1.1 DLC layer services

Table C.2: DLC services

Item	C-plane services	Reference	Status	Support
1	LU10 - Enhanced Frame Relay service (EFREL) **DPRS-D.1**	6.2.3	m	
2	FU10a **DPRS-D.2**	6.2.3	m	
3	FU10b **DPRS-D.3**	6.2.3	o	
4	FU10c **DPRS-D.4**	6.2.3	m	
5	Data Link Service (LAPC+Lc) class A service **DPRS-D.5**	6.2.3	m	
6	Data Link Service (LAPC+Lc) class U service **DPRS-D.6**	6.2.3	o	
7	Lc Frame delimiting and sequencing service **DPRS-D.7**	6.2.3	m	
8	Broadcast Lb service **DPRS-D.8**	6.2.3	m	
9	Inter-cell voluntary connection handover **DPRS-D.9**	6.2.3	m	
10	Connection modification **DPRS-D.10**	6.2.3	m	
11	Encryption activation **DPRS-D.11**	6.2.3	m	
12	Encryption deactivation **DPRS-D.12**	6.2.3	cC.2-01	
13	Connectionless U-plane **DPRS-D.13**	6.2.3	o	
cC.2-01: IF B.2/28 OR B.2/29 THEN m ELSE i.				

C.2.1.2 DLC layer procedures

Table C.3: Procedures

Item	Procedure	Reference	Status	Support
1	U-plane transmission class 2 **DPRS-D.1**	11.1.2 [10]	m	
2	FU10a frame operation **DPRS-D.2/13**	11.2.1 [10]	m	
3	FU10b frame operation **DPRS-D.3**	11.2.2 [10]	cC.3-01	
4	FU10c frame operation **DPRS-D.4**	11.2.3 [10]	m	
5	Class A link establishment **DPRS-D.5**	11.3.1 [10]	m	
6	Class A acknowledged information transfer **DPRS-D.5**	11.3.2 [10]	m	
7	Class A link release **DPRS-D.5**	11.3.3 [10]	m	
8	Class A link re-establishment **DPRS-D.5**	11.3.4 [10]	m	
9	Class U use of LLN for unacknowledged information transfer **DPRS-D.6**	11.4.1 [10]	cC.3-02	
10	Class U link establishment **DPRS-D.6**	11.4.2 [10]	cC.3-02	
11	Class U unacknowledged information transfer **DPRS-D.6**	11.4.3 [10]	cC.3-02	
12	Class U unacknowledged release **DPRS-D.6**	11.4.4 [10]	cC.3-02	
13	C_S-channel fragmentation and recombination **DPRS-D.7**	11.5.1 [10]	m	
14	C_F-channel fragmentation and recombination **DPRS-D.7**	11.5.2 [10]	o	
15	Selection of logical channels (C_S and C_F) **DPRS-D.7**	11.5.3 [10]	m	
16	Normal operation **DPRS-D.8**	11.6.1 [10]	m	
17	Expedited operation **DPRS-D.8**	11.6.2 [10]	cC.3-03	
18	Class A connection handover **DPRS-D.9**	11.7.1 [10]	m	
19	Connection modification **DPRS-D.10**	11.7.1.1 [10], 11.8 [10]	m	
20	Encryption switching **DPRS-D.11/12**	11.9 [10]	m	
21	Connection handover of ciphered connection **DPRS-D.11**	11.9.2.2 [10]	m	
22	Providing a key to the MAC layer	11.10 [10]	m	
23	Connectionless point-to-multipoint transmission **DPRS-D.13**	11.10 [10]	cC.3-04	
cC.3-01: IF C.2/3 THEN m ELSE n/a. cC.3-02: IF C.2/6 THEN m ELSE n/a. cC.3-03: IF B.3/26 THEN m ELSE i. cC.3-04: IF A.3/8 OR A.3/9 THEN o ELSE i.				

C.2.2 Protocol PDUs

C.2.2.1 C-plane PDUs

C.2.2.1.1 C-plane frame structure

Table C.4: Frame structures (Sending, PT to FT)

Item	Frame Structures	Reference	Status	Support
1	Frame structure of format type FA.	6.1 [5]	m	

Table C.5: Frame structures (Receiving, FT to PT)

Item	Frame Structures	Reference	Status	Support
1	Frame structure of format type FA.	6.1 [5]	m	
2	Broadcast service frame structure	6.2 [5]	m	

Table C.6: Frame format type FA (Sending, PT to FT)

Prerequisite: C.4/1				
Item	**Frame elements**	**Reference**	**Status**	**Support**
1	Address field	6.1 [5]	m	
2	Control field	6.1 [5]	m	
3	Length indicator field	6.1 [5]	m	
4	Information field	6.1 [5]	m	
5	Fill field	6.1 [5]	m	
6	Checksum field	6.1 [5]	m	

Table C.7: Frame format type FA (Receiving, FT to PT)

Prerequisite: C.5/1				
Item	**Frame elements**	**Reference**	**Status**	**Support**
1	Address field	6.1 [5]	m	
2	Control field	6.1 [5]	m	
3	Length indicator field	6.1 [5]	m	
4	Information field	6.1 [5]	m	
5	Fill field	6.1 [5]	m	
6	Checksum field	6.1 [5]	m	

Table C.8: Broadcast service frame structure (Receiving, FT to PT)

Prerequisite: C.5/2				
Item	**Frame elements**	**Reference**	**Status**	**Support**
1	Short frame format (3 octets)	6.2.1 [5]	m	

C.2.2.1.2 C-plane messages

C.2.2.1.2.1 Message support

Table C.9: Class A messages support (Sending, PT to FT)

Prerequisite: C.2/5				
Item	**Class A message**	**Reference**	**Status**	**Support**
1	I-command	7.11 [5], 9.1 [5]	m	
2	RR-command/response	7.11 [5], 9.1 [5]	m	

Table C.10: Class A messages support (Receiving, FT to PT)

Prerequisite: C.2/5				
Item	**Class A message**	**Reference**	**Status**	**Support**
1	I-command	7.11 [5], 9.1 [5]	m	
2	RR-command/response	7.11 [5], 9.1 [5]	m	

Table C.11: Class U messages support (Sending, PT to FT)

Prerequisite: C.2/6				
Item	**Class U message**	**Reference**	**Status**	**Support**
1	UI-command	7.11 [5], 9.1 [5]	m	

Table C.12: Class U messages support (Receiving, FT to PT)

Prerequisite: C.2/6				
Item	**Class U message**	**Reference**	**Status**	**Support**
1	UI-command	7.11 [5], 9.1 [5]	m	

C.2.2.1.2.2 Class A I-command

Table C.13: Class A I-command (Numbered Information) (Sending, PT to FT)

Prerequisite: C.9/1				
Item	**I-command - Name of field**	**Reference**	**Status**	**Supp.**
1	Address field	7.2 [5]	m	
2	Control field	7.4 [5]	m	
3	Length indicator field	7.6 [5]	m	
4	Information field	6.1 [5]	m	
5	Fill field	7.8 [5]	m	
6	Checksum field	7.9 [5]	m	

Table C.14: Class A I-command (Numbered Information) (Receiving, FT to PT)

Prerequisite: C.10/1				
Item	**I-command - Name of field**	**Reference**	**Status**	**Supp.**
1	Address field	7.2 [5]	m	
2	Control field	7.4 [5]	m	
3	Length indicator field	7.6 [5]	m	
4	Information field	6.1 [5]	m	
5	Fill field	7.8 [5]	m	
6	Checksum field	7.9 [5]	m	

Table C.15: Class A I-command Control field (Sending, PT to FT)

Prerequisite: C.13/2						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	7.4 [5]	m		'0'B	
2	N(S)	7.4 [5], 7.5.2.4 [5]	m		'000'B .. '001'B	
3	P	7.4 [5], 7.5.1 [5], 9.2.1.1 [5]	m		'0'B	
4	N(R)	7.4 [5], 7.5.2.6 [5]	m		'000'B .. '001'B	

Table C.16: Class A I-command Control field (Receiving, FT to PT)

Prerequisite: C.14/2						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	7.4 [5]	m		'0'B	
2	N(S)	7.4 [5], 7.5.2.4 [5]	m		'000'B .. '001'B	
3	P	7.4 [5], 7.5.1 [5], 9.2.1.1 [5]	m		'0'B	
4	N(R)	7.4 [5], 7.5.2.6 [5]	m		'000'B .. '001'B	

Table C.17: Class A I-command Address field (Sending, PT to FT)

Prerequisite: C.13/1						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	RES	7.2 [5], 7.3.1 [5]	m		'1'B	
2	C/R	7.2 [5], 7.3.2 [5]	m		'0'B	
3	SAPI	7.2 [5], 7.3.3 [5]	m		'00'B	
4	LLN	7.2 [5], 7.3.5 [5], 9.2.2.1 [5]	m		'001'B	
5	NLF	7.2 [5], 7.3.4 [5]	m		'0'B, '1'B	

Table C.18: Class A I-command Address field (Receiving, FT to PT)

Prerequisite: C.14/1						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	RES	7.2 [5], 7.3.1 [5]	m		'1'B	
2	C/R	7.2 [5], 7.3.2 [5]	m		'1'B	
3	SAPI	7.2 [5], 7.3.3 [5]	m		'00'B	
4	LLN	7.2 [5], 7.3.5 [5], 9.2.2.1 [5]	m		'001'B	
5	NLF	7.2 [5], 7.3.4 [5]	m		'0'B, '1'B	

C.2.2.1.2.3 Class A RR command/response

Table C.19: Class A RR-command/response (Receive ready) (Sending, PT to FT)

Prerequisite: C.9/1				
Item	**RR-command/response - Name of field**	**Reference**	**Status**	**Supp.**
1	Address field	7.2 [5]	m	
2	Control field	7.4 [5]	m	
3	Length indicator field	7.6 [5]	m	
4	Fill field	7.8 [5]	m	
5	Checksum field	7.9 [5]	m	

Table C.20: Class A RR-command/response (Receive ready) (Receiving, FT to PT)

Prerequisite: C.10/1				
Item	**RR-command/response - Name of field**	**Reference**	**Status**	**Supp.**
1	Address field	7.2 [5]	m	
2	Control field	7.4 [5]	m	
3	Length indicator field	7.6 [5]	m	
4	Fill field	7.8 [5]	m	
5	Checksum field	7.9 [5]	m	

Table C.21: Class A RR Control field (Sending, PT to FT)

Prerequisite: C.19/2						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	7.4 [5]	m		'01'B	
2	S bits	7.4 [5], 7.11 [5]	m		'00'B	
3	P/F	7.4 [5], 7.5.1 [5], 9.2.1.1 [5]	m		'0'B	
4	N(R)	7.4 [5], 7.5.2.4 [5]	m		'000'B .. '001'B	

Table C.22: Class A RR Control field (Receiving, FT to PT)

Prerequisite: C.20/2						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	7.4 [5]	m		'01'B	
2	S bits	7.4 [5], 7.11 [5]	m		'00'B	
3	P/F	7.4 [5], 7.5.1 [5], 9.2.1.1 [5]	m		'0'B	
4	N(R)	7.4 [5], 7.5.2.4 [5]	m		'000'B .. '001'B	

Table C.23: Class A RR Address field (Sending, PT to FT)

Prerequisite: C.19/1						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	RES	7.2 [5], 7.3.1 [5]	m		'1'B	
2	C/R	7.2 [5], 7.3.2 [5]	m		'1'B	
3	SAPI	7.2 [5], 7.3.3 [5]	m		'00'B	
4	LLN	7.2 [5], 7.3.5 [5], 9.2.2.1 [5]	m		'001'B	
5	NLF	7.2 [5], 7.3.4 [5]	m		'0'B, '1'B	

Table C.24: Class A RR Address field (Receiving, FT to PT)

Prerequisite: C.20/1						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	RES	7.2 [5], 7.3.1 [5]	m		'1'B	
2	C/R	7.2 [5], 7.3.2 [5]	m		'0'B	
3	SAPI	7.2 [5], 7.3.3 [5]	m		'00'B	
4	LLN	7.2 [5], 7.3.5 [5], 9.2.2.1 [5]	m		'001'B	
5	NLF	7.2 [5], 7.3.4 [5]	m		'0'B, '1'B	

C.2.2.1.2.4 Class U UI command

Table C.25: Class U UI command (Unnumbered Information) (Sending, PT to FT)

Prerequisite: C.11/1				
Item	**UI-command - Name of field**	**Reference**	**Status**	**Supp.**
1	Address field	7.2 [5]	m	
2	Control field	7.4 [5]	m	
3	Length indicator field	7.6 [5]	m	
4	Information field	6.1 [5]	m	
5	Fill field	7.8 [5]	m	
6	Checksum field	7.9 [5]	m	

Table C.26: Class U UI command (Unnumbered Information) (Receiving, FT to PT)

Prerequisite: C.12/1				
Item	**UI-command - Name of field**	**Reference**	**Status**	**Supp.**
1	Address field	7.2 [5]	m	
2	Control field	7.4 [5]	m	
3	Length indicator field	7.6 [5]	m	
4	Information field	6.1 [5]	m	
5	Fill field	7.8 [5]	m	
6	Checksum field	7.9 [5]	m	

Table C.27: Class U UI Control field (Sending, PT to FT)

Prerequisite: C.25/2						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	11.4 [10]	m		'11'B	
2	U bits part 1	11.4 [10]	m		'00'B	
3	P	11.4 [10]	m		'0'B	
4	U bits part 2	11.4 [10]	m		'000'B	

Table C.28: Class U UI Control field (Receiving, FT to PT)

Prerequisite: C.26/2						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	11.4 [10]	m		'11'B	
2	U bits part 1	11.4 [10]	m		'00'B	
3	P	11.4 [10]	m		'0'B	
4	U bits part 2	11.4 [10]	m		'000'B	

Table C.29: Class U UI Address field (Sending, PT to FT)

Prerequisite: C.25/1						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	RES	7.2 [5], 7.3.1 [5]	m		'1'B	
2	C/R	7.2 [5], 7.3.2 [5]	m		'0'B	
3	SAPI	7.2 [5], 7.3.3 [5]	m		'00'B, '11'B	
4	LLN	7.2 [5], 7.3.5 [5]	m		'000'B	
5	NLF	7.2 [5], 7.3.4 [5], 9.3.3.1 [5]	m		'0'B	

Table C.30: Class U UI Address field (Receiving, FT to PT)

Prerequisite: C.26/1						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	RES	7.2 [5], 7.3.1 [5]	m		'1'B	
2	C/R	7.2 [5], 7.3.2 [5]	m		'1'B	
3	SAPI	7.2 [5], 7.3.3 [5]	m		'00'B, '11'B	
4	LLN	7.2 [5], 7.3.5 [5]	m		'000'B	
5	NLF	7.2 [5], 7.3.4 [5], 9.3.3.1 [5]	m		'0'B	

C.2.2.2 U-plane PDUs

Table C.31: U-plane frames (Sending, PT to FT)

Prerequisite: C.2/2 OR C.2/3 OR C.2/4				
Item	**U-plane frames**	**Reference**	**Status**	**Support**
1	FU10 frame structure	11.2 [10]	m	

Table C.32: U-plane frames (Receiving, FT to PT)

Prerequisite: C.2/2 OR C.2/3 OR C.2/4				
Item	**U-plane frames**	**Reference**	**Status**	**Support**
10	FU10 frame structure	11.2 [10]	m	

C.2.2.2.1 FU10a frame structure

Table C.33: FU10a frame structure (Sending, PT to FT)

Prerequisite: C.31/1				
Item	**FU10a frame structure - Name of field**	**Reference**	**Status**	**Supp.**
1	Send sequence number	12.11.1 [5], 13.4.1 [5]	m	
2	First length indicator format	12.11.1 [5], 13.3.1 [5]	m	
3	Information field	12.11.1 [5]	m	
4	Length indicator field(s)	12.11.1 [5], 13.3.2 [5]	m	
5	Information field(s)	12.11.1 [5]	m	
6	Fill field	13.5 [5]	m	

Table C.34: FU10a frame structure (Receiving, FT to PT)

Prerequisite: C.32/1				
Item	**FU10a frame structure - Name of field**	**Reference**	**Status**	**Supp.**
1	Send sequence number	12.11.1 [5], 13.4.1 [5]	m	
2	First length indicator format	12.11.1 [5], 13.3.1 [5]	m	
3	Information field	12.11.1 [5]	m	
4	Length indicator field(s)	12.11.1 [5], 13.3.2 [5]	m	
5	Information field(s)	12.11.1 [5]	m	
6	Fill field	13.5 [5]	m	

Table C.35: FU10a Send sequence number (Sending, PT to FT)

Prerequisite: C.33/1						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Esi	13.4.1 [5], 14.2 [5], 14.3 [5]	m		9 bits value, note	
NOTE: The ES9 bit from the length indicator field shall be added to the 8 bits.						

Table C.36: FU10a Send sequence number (Receiving, FT to PT)

Prerequisite: C.34/1						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Esi	13.4.1 [5], 14.2 [5], 14.3 [5]	m		9 bits value, note	
NOTE: The ES9 bit from the length indicator field shall be added to the 8 bits.						

Table C.37: FU10a First length indicator format (Sending, PT to FT)

Prerequisite: C.33/2						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M (more data bit)	13.3.2 [5]	m		'0'B, '1'B	
2	First length indicator field	13.3.2 [5]	m		6 bits value	
3	ES9	13.3.1 [5]	m		'0'B, '1'B, note	
NOTE: The ES9 bit shall be added to the 8 bits of the send sequence number field.						

Table C.38: FU10a First length indicator format (Receiving, FT to PT)

Prerequisite: C.34/2						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M (more data bit)	13.3.2 [5]	m		'0'B, '1'B	
2	First length indicator field	13.3.2 [5]	m		6 bits value	
3	ES9	13.3.1 [5]	m		'0'B, '1'B, note	
NOTE: The ES9 bit shall be added to the 8 bits of the send sequence number field.						

Table C.39: FU10a Length indicator field (Sending, PT to FT)

Prerequisite: C.33/4						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M (more data bit)	13.3.2 [5]	m		'0'B, '1'B	
2	Length of information field	13.3.2 [5]	m		7 bits value	

Table C.40: FU10a Length indicator field (Receiving, FT to PT)

Prerequisite: C.34/4						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M (more data bit)	13.3.2 [5]	m		'0'B, '1'B	
2	Length of information field	13.3.2 [5]	m		7 bits value	

Table C.41: FU10a Fill field (Sending, PT to FT)

Prerequisite: C.33/6						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Fill field	13.5 [5]	m		'11110000'B	

Table C.42: FU10a Fill field (Receiving, FT to PT)

Prerequisite: C.34/6						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Fill field	13.5 [5]	m		'11110000'B	

C.2.2.2.2 FU10b frame structure

Table C.43: FU10b frame structure (Sending, PT to FT)

Prerequisite: C.31/1				
Item	**FU10b frame structure - Name of field**	**Reference**	**Status**	**Supp.**
1	Send sequence number	12.11.1 [5], 13.4.1 [5]	m	
2	Receive sequence number	12.11.1 [5], 13.4.3 [5]	m	
3	First length indicator format	12.11.1 [5], 13.3.1 [5]	m	
4	Information field	12.11.1 [5]	m	
5	Length indicator field(s)	12.11.1 [5], 13.3.2 [5]	m	
6	Information field(s)	12.11.1 [5]	m	
7	Fill field	13.5 [5]	m	

Table C.44: FU10b frame structure (Receiving, FT to PT)

Prerequisite: C.32/1				
Item	**FU10b frame structure - Name of field**	**Reference**	**Status**	**Supp.**
1	Send sequence number	12.11.1 [5], 13.4.1 [5]	m	
2	Receive sequence number	12.11.1 [5], 13.4.3 [5]	m	
3	First length indicator format	12.11.1 [5], 13.3.1 [5]	m	
4	Information field	12.11.1 [5]	m	
5	Length indicator field(s)	12.11.1 [5], 13.3.2 [5]	m	
6	Information field(s)	12.11.1 [5]	m	
7	Fill field	13.5 [5]	m	

Table C.45: FU10b Send sequence number (Sending, PT to FT)

Prerequisite: C.43/1						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Esi	13.4.1 [5], 14.2 [5], 14.3 [5]	m		8 bits value	

Table C.46: FU10b Send sequence number (Receiving, FT to PT)

Prerequisite: C.44/1						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Esi	13.4.1 [5], 14.2 [5], 14.3 [5]	m		8 bits value	

Table C.47: FU10b Receive sequence number (Sending, PT to FT)

Prerequisite: C.43/2						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Eri	13.4.3 [5], 14.2 [5], 14.3 [5]	m		8 bits value, note	
NOTE: The ACK/NACK bit is contained in the first length indicator field.						

Table C.48: FU10b Receive sequence number (Receiving, FT to PT)

Prerequisite: C.44/2						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Eri	13.4.3 [5], 14.2 [5], 14.3 [5]	m		8 bits value, note	
NOTE: The ACK/NACK bit is contained in the first length indicator field.						

Table C.49: FU10b First length indicator format (Sending, PT to FT)

Prerequisite: C.43/3						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M (more data bit)	13.3.2 [5]	m		'0'B, '1'B	
2	First length indicator field	13.3.2 [5]	m		6 bits value	
3	ACK/NACK bit	13.3.1 [5]	m		'0'B, '1'B	

Table C.50: FU10b First length indicator format (Receiving, FT to PT)

Prerequisite: C.44/3						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M (more data bit)	13.3.2 [5]	m		'0'B, '1'B	
2	First length indicator field	13.3.2 [5]	m		6 bits value	
3	ACK/NACK bit	13.3.1 [5]	m		'0'B, '1'B	

Table C.51: FU10b Length indicator field (Sending, PT to FT)

Prerequisite: C.43/5						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M (more data bit)	13.3.2 [5]	m		'0'B, '1'B	
2	Length of information field	13.3.2 [5]	m		7 bits value	

Table C.52: FU10b Length indicator field (Receiving, FT to PT)

Prerequisite: C.44/5						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M (more data bit)	13.3.2 [5]	m		'0'B, '1'B	
2	Length of information field	13.3.2 [5]	m		7 bits value	

Table C.53: FU10b Fill field (Sending, PT to FT)

Prerequisite: C.43/7						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Fill field	13.5 [5]	m		'11110000'B	

Table C.54: FU10b Fill field (Receiving, FT to PT)

Prerequisite: C.44/7						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Fill field	13.5 [5]	m		'11110000'B	

C.2.2.2.3 FU10c frame structure

Table C.55: FU10c frame structure (Sending, PT to FT)

Prerequisite: C.31/1				
Item	**FU10c frame structure - Name of field**	**Reference**	**Status**	**Supp.**
1	Receive sequence number #1	12.11.1 [5], 13.4.3 [5]	m	
2	Receive sequence number #2	12.11.1 [5], 13.4.3 [5]	m	
3	Receive sequence number #3	12.11.1 [5], 13.4.3 [5]	m	
4	Receive sequence number #4	12.11.1 [5], 13.4.3 [5]	m	
5	Receive sequence number #5	12.11.1 [5], 13.4.3 [5]	m	
6	Receive sequence number #6	12.11.1 [5], 13.4.3 [5]	m	
7	9 Bit receive sequence number	12.11.1 [5], 13.4.3 [5]	m	

Table C.56: FU10c frame structure (Receiving, FT to PT)

Prerequisite: C.32/1				
Item	**FU10b frame structure - Name of field**	**Reference**	**Status**	**Supp.**
1	Receive sequence number #1	12.11.1 [5], 13.4.3 [5]	m	
2	Receive sequence number #2	12.11.1 [5], 13.4.3 [5]	m	
3	Receive sequence number #3	12.11.1 [5], 13.4.3 [5]	m	
4	Receive sequence number #4	12.11.1 [5], 13.4.3 [5]	m	
5	Receive sequence number #5	12.11.1 [5], 13.4.3 [5]	m	
6	Receive sequence number #6	12.11.1 [5], 13.4.3 [5]	m	
7	9 Bit receive sequence number	12.11.1 [5], 13.4.3 [5]	m	

Table C.57: FU10c Receive sequence number (Sending, PT to FT)

Prerequisite: C.55/1 OR C.55/2 OR C.55/3 OR C.55/4 OR C.55/5 OR C.55/6						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Eri	13.4.3 [5]	m		8 bits value	

Table C.58: FU10c Receive sequence number (Receiving, FT to PT)

Prerequisite: C.56/1 OR C.56/2 OR C.56/3 OR C.56/4 OR C.56/5 OR C.56/6						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Eri	13.4.3 [5]	m		8 bits value	

Table C.59: FU10c 9 Bit receive sequence number (Sending, PT to FT)

Prerequisite: C.55/7						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Receive sequence number #1 ER9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
2	Receive sequence number #2 ER9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
3	Receive sequence number #3 ER9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
4	Receive sequence number #4 ER9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
5	Receive sequence number #5 ER9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
6	Receive sequence number #6 ER9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
7	NA2	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
8	NA1	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	

Table C.60: FU10c Receive sequence number (Receiving, FT to PT)

Prerequisite: C.56/7						
Item	**Name of sub-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Receive sequence number #1 ES9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
2	Receive sequence number #2 ES9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
3	Receive sequence number #3 ES9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
4	Receive sequence number #4 ES9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
5	Receive sequence number #5 ES9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
6	Receive sequence number #6 ES9	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
7	NA2	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	
8	NA1	13.4.3 [5], 14.3.4.2 [5]	m		'0'B, '1'B	

C.2.3 Protocol error handling

C.2.3.1 General error handling

Table C.61: General error handling

Prerequisite: C.2/5 OR C.2/6				
Item	**General error handling**	**Reference**	**Status**	**Support**
1	Unknown frames are discarded	9.2.9.1 [5], 7.11 [5]	m	
2	Invalid frames are discarded	9.2.9.1 [5], 6.1.5 [5]	m	

C.2.3.2 Class A error handling and recovery

Table C.62: Class A error handling and recovery

Prerequisite: C.2/5				
Item	**Class A error handling and recoveries**	**Reference**	**Status**	**Support**
1	Waiting for acknowledgement, timer DL.04 expiry	9.2.3.6 [5]	m	

C.2.4 Protocol parameters

C.2.4.1 Timers

Table C.63: Timers

Prerequisite: C.2/5 OR C.2/6 OR C.2/8						
Item	**Timers**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	DL.04 (C_F routed frames)	A.1 [5]	cC.63-01		1 s	
2	DL.04 (C_S routed frames)	A.1 [5]	m		2 s	
3	DL.06	A.1 [5]	cC.63-02		4 s	
4	DL.07	A.1 [5]	m		2 s	
cC.63-01: IF C.3/14 THEN m ELSE n/a. cC.63-02: IF C.3/18 THEN m ELSE n/a.						

C.2.4.2 Class A parameters

Table C.64: Class A parameter values

Prerequisite: C.2/5				
Item	**Class A parameters**	**Reference**	**Status**	**Support**
1	Fixed window size of 1	9.2.3.2 [5], 7.5.2.2 [5]	m	
2	Modulus 2	9.2.3.2 [5], 7.5.2.1 [5]	m	

C.2.4.3 LU10 parameters

Table C.65: LU10 parameter values

Prerequisite: C.2/1						
Item	**Class A parameters**	**Reference**	**Status**	**Supp.**	**Value allowed**	**Value Supported**
1	Window size	11.1.1 [10]	m		1-256, note 1	
					32, note 2	
2	Modulus	11.1 [10]	m		512, note 3	
NOTE 1: Any DPRS advice shall at least support the following values: 32, 64, 128. NOTE 2: Default value. NOTE 3: If the window size ≤ 128 both peers shall ignore the 9th bit (ES9) of the sequence number.						

Table C.66: LU10 Frame types

Prerequisite: C.2/2 OR C.2/3 OR C.2/4				
Item	**Frame types**	**Reference**	**Status**	**Support**
1	FU10a frame structure	11.2.1 [10]	m	
2	FU10b frame structure	11.2.2 [10]	cC.66-01	
3	FU10c frame structure	11.2.3 [10]	m	
cC.66-01: IF C.3/3 THEN m ELSE n/a.				

Table C.67: LU10 Connection types

Prerequisite: C.2/2 OR C.2/3 OR C.2/4				
Item	**Connection types**	**Reference**	**Status**	**Support**
1	Ip_error_detect- Full slot (32 octets)	11.1 [10]	note	
NOTE: The MAC Ip_error_detection mode can be replaced by the result of the network layer procedure 'Call Resources/Parameters negotiation'.				

Table C.68: LU10 Transmission classes

Prerequisite: C.2/2 OR C.2/3 OR C.2/4				
Item	**Transmission classes**	**Reference**	**Status**	**Support**
1	class 2/bi- or unidirectional	11.1.2 [10]	m	

Annex D (normative): Ethernet ASAP - MAC layer ICS Proforma for PT

D.1 Global statement of conformance

An explicit answer shall be entered, in each of the support or column boxes provided, using the notation described in clause 5.3.

Table D.1: 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.

D.2 Capabilities

D.2.1 MAC layer services

Table D.2: MAC service support for mobility class 1 and 2

Item	Name of service	Reference	Status	Support
1	General **DPRS-M.1**	6.2.4	m	
2	Non continuous broadcast **DPRS-M.2**	6.2.4	o	
3	Continuous broadcast **DPRS-M.3**	6.2.4	m	
4	Paging broadcast **DPRS-M.4**	6.2.4	m	
5	Advanced connections **DPRS-M.5**	6.2.4	m	
6	Ip_error_detection service **DPRS-M.6**	6.2.4	m	
7	Ip_error_correction service **DPRS-M.7**	6.2.4	o	
8	U-plane point-to-multipoint service **DPRS-M.8**	6.2.4	o	
9	C_S higher layer signalling **DPRS-M.9**	6.2.4	m	
10	C_F higher layer signalling **DPRS-M.10**	6.2.4	o	
11	Encryption activation **DPRS-M.11**	6.2.4	m	
12	Encryption deactivation **DPRS-M.12**	6.2.4	cD.2-01	
13	Quality control **DPRS-M.13**	6.2.4	m	
14	Physical channel selection **DPRS-M.14**	6.2.4	m	
15	SARI support **DPRS-M.15**	6.2.4	cD.2-02	
16	Bearer replacement **DPRS-M.16**	6.2.4	m	
17	Bearer handover **DPRS-M.17**	6.2.4	o	
18	Connection handover **DPRS-M.18**	6.2.4	m	
19	G_F-channel **DPRS-M.19**	6.2.4	m	
20	Ipq_error_detection service **DPRS-M.6**	6.2.4	cD.2-03	
21	Ipq_error_correction service **DPRS-M.7**	6.2.4	o	
cD.2-01: IF (B.3/23 OR B.3/37) THEN m ELSE i. cD.2-02: IF A.2/1 THEN i ELSE m. cD.2-03: IF (D.4/2 OR D.4/3) THEN m ELSE i.				

D.2.2 MAC layer procedures

Table D.3: MAC procedures

Item	Procedure	Reference	Status	Support
1	General	10.1 [10]	m	
2	Request for specific Q-channel information	10.2.1 [10]	o	
3	Request for a new dummy	10.2.2 [10]	o	
4	Downlink broadcast	10.3 [10]	m	
5	Normal paging	10.4.3 [10], 10.4.1 [10], 10.4.2 [10]	m	
6	Fast paging	10.4.4 [10], 10.4.1 [10], 10.4.2 [10]	o	
7	Low duty cycle paging	10.4.5 [10], 10.4.1 [10], 10.4.2 [10]	o	
8	MAC paging	10.4.6 [10], 10.4.1 [10], 10.4.2 [10]	m	
9	Fast setup	10.10.1.2 [10], 10.10.2 [10]	o	
10	Logical connection setup	10.5 [10]	m	
11	Logical connection release	10.6 [10]	m	
12	Connection modification	10.7 [10]	m	
13	Single bearer Physical connection setup	10.8.1 [10]	m	
14	Multi bearer Physical connection setup	10.8.2 [10]	o	
15	Physical Connection release	10.9 [10]	m	
16	Single duplex bearer setup	10.10.1 [10]	m	
17	Double simplex bearer setup	10.10.2 [10]	o	
18	Unacknowledged bearer release	10.11.1 [10]	m	
19	Acknowledged bearer release	10.11.2 [10]	o	
20	Fast bearer release	10.11.3 [10]	o	
21	Protected I-channel error-detect mode	10.13.1 [10]	m	
22	Protected I-channel error-correct mode	10.13.2 [10]	cD.3-01	
23	Connectionless SIP mode	10.13.3 [10]	cD.3-02	
24	C_S-channel data	10.14.1 [10]	cD.3-03	
25	C_F-channel data	10.14.2 [10]	cD.3-04	
26	Encryption process – initialization and synchronization	10.15.1 [10]	m	
27	Encryption mode control	10.15.2 [10]	m	
28	Encryption handover control	10.15.3 [10]	m	
29	RFPI handshake	10.16.1 [10]	m	
30	PT frequency correction procedure	10.16.2 [10]	o	
31	Bearer quality report	10.16.3 [10]	m	
32	Bearer and connection control	10.16.4 [10]	o	
33	A-CRC handshake	10.16.5 [10]	m	
34	Physical channel selection	10.17 [10]	m	
35	Downlink broadcast	10.3.2.3 [10]	cD.3-03	
36	Bearer replacement	10.18 [10]	m	
37	Bearer handover	10.19 [10]	cD.3-05	
38	Advanced connection handover	10.12 [10]	m	
39	GF-channel data	10.20.1 [10]	m	
cD.3-01: IF D.2/7 THEN m ELSE n/a. cD.3-02: IF D.2/8 THEN m ELSE n/a. cD.3-03: IF A.2/1 THEN i ELSE m. cD.3-04: IF A.2/1 THEN i ELSE o. cD.3-05: IF D.2/17 THEN m ELSE n/a.				

D.2.2.1 Requirements of procedure - General

D.2.2.1.1 Bit mappings

Table D.4: Modulation schemes

Prerequisite: D.3/1				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	Modulation scheme 1a/1b	10.1.2 [10]	m	
2	Modulation scheme 2	10.1.2 [10]	o	
3	Modulation scheme 3	10.1.2 [10]	o	

Table D.5: Bit mappings

Prerequisite: D.3/1				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	D-MAP	10.1.2 [10]	m	
2	A-MAP	10.1.2 [10]	m	
3	B-MAP	10.1.2 [10]	m	

Table D.6: B-MAP formats

Prerequisite: D.5/2				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	Multisubfield protected B-field format	10.1.2 [10]	m	
2	Singlesubfield protected B-field format	10.1.2 [10]	cD.6-01	
cD.6-01: IF D.4/2 OR D.4/3 THEN m ELSE o.				

Table D.7: D-MAP formats

Prerequisite: D.5/3				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	D-field MAP D32	10.1.2 [10]	m	
2	D-field MAP D00	10.1.2 [10]	m	
3	D-field MAP D64 (f=0)	10.1.2 [10]	cD.7-01	
4	D-field MAP D96 (f=0)	10.1.2 [10]	cD.7-02	
cD.7-01: IF D.4/2 THEN m ELSE i. cD.7-02: IF D.4/3 THEN m ELSE i.				

D.2.2.1.2 Time multiplexers

Table D.8: Time multiplexers

Prerequisite: D.3/1				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	T-MUX	10.1.3 [10]	m	
2	E/U-MUX	10.1.3 [10]	m	
3	C-MUX	10.1.3 [10]	m	

Table D.9: E/U mux schemes

Prerequisite: D.8/2				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	Multisubfield protected B-field E32	10.1.3 [10]	m	
2	Multisubfield protected B-field E64	10.1.3 [10]	cD.9-01	
3	Multisubfield protected B-field E96	10.1.3 [10]	cD.9-02	
4	Multisubfield protected B-field U32b	10.1.3 [10]	m	
5	Multisubfield protected B-field U64b	10.1.3 [10]	cD.9-03	
6	Multisubfield protected B-field U96b	10.1.3 [10]	cD.9-04	
7	Singlesubfield protected B-field U32c	10.1.3 [10]	o	
8	Singlesubfield protected B-field U64c	10.1.3 [10]	cD.9-01	
9	Singlesubfield protected B-field U96c	10.1.3 [10]	cD.9-02	
cD.9-01: IF D.4/2 THEN m ELSE i. cD.9-02: IF D.4/3 THEN m ELSE i. cD.9-03: IF D.4/2 THEN o ELSE i. cD.9-04: IF D.4/3 THEN o ELSE i.				

Table D.10: C mux schemes

Prerequisite: D.8/3				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	C-mux full slot	10.1.3 [10], 10.3.2.2.1 [10]	m	

D.2.2.1.3 Scrambling

Table D.11: Scrambling

Prerequisite: D.3/1				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	Scrambling	10.1.4 [10]	m	

D.2.2.1.4 Error control

Table D.12: Error control

Prerequisite: D.3/1				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	R-CRC generation and checking	10.1.5 [10]	cD.12-01	
2	X-CRC generation and checking	10.1.5 [10]	cD.12-02	
cD.12-01: IF D.4/1 THEN m ELSE n/a. cD.12-02: IF (D.4/2 OR D.4/3) THEN m ELSE n/a.				

D.2.2.1.5 Scan sequence

Table D.13: Scan sequence

Prerequisite: D.3/1				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	RFP idle receiver scan sequence	10.1.8 [10]	n/a	
2	PT receiver scan sequence	10.1.9 [10]	m	

D.2.2.1.6 PP states and states transitions

Table D.14: PP states and states transitions

Prerequisite: D.3/1				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	PP states and state transition	10.1.10 [10]	m	

D.2.2.2 Requirements of procedure - Request for specific Q-channel

Table D.15: Request for specific Q-channel

Prerequisite: D.3/2				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	TARI available	10.2.1 [10]	n/a	

D.2.2.3 Requirements of procedure - Downlink broadcast

Table D.16: Downlink broadcast

Prerequisite: D.3/4				
Item	**Procedure**	**Reference**	**Status**	**Support**
1	Extended RF carriers available	10.3.2.1 [10]	n/a	

D.2.2.4 Requirements of procedure - Connection modification

Table D.17: Connection modification

Prerequisite: D.3/12				
Item	**Procedure**	**Reference**	**Status**	**Supp.**
1	Connection bandwidth modification	10.7.1.2 [10]	m	
2	Connection service type modification	10.7.2 [10]	cD.17-01	
3	Modulation type modification	10.7.3 [10]	cD.17-02	
cD.17-01: IF D.2/7 THEN o ELSE m. cD.17-02: IF (D.4/2 OR D.4/3) THEN m ELSE o.				

D.2.2.5 Requirements of procedure - Multi bearer Physical connection

Table D.18: Multi-bearer symmetric connection procedures

Prerequisite: D.3/14				
Item	**Procedure**	**Reference**	**Status**	**Supp.**
1	Multi-bearer symmetric connection	10.2.4.2 [4], 10.8.2 [10]	m	

Table D.19: Multi-bearer asymmetric connection procedures

Prerequisite: D.3/14				
Item	**Procedure**	**Reference**	**Status**	**Supp.**
1	Multi-bearer fully asymmetric UL connection	10.2.4.3.2 [4], 10.8.2 [10]	o	
2	Multi-bearer fully asymmetric DL connection	10.2.4.3.3 [4], 10.8.2 [10]	o	

D.2.2.6 Requirements of procedure - Single duplex bearer setup

Table D.20: Single duplex bearer setup procedures

Prerequisite: D.3/16				
Item	**Name of procedure**	**Reference**	**Status**	**Supp.**
1	Channel list	10.10.1.3 [10]	m	

D.2.2.7 Requirements of procedure - Double simplex bearer setup

Table D.21: Double simplex bearer setup procedures

Prerequisite: D.3/17				
Item	**Name of procedure**	**Reference**	**Status**	**Supp.**
1	Channel list	10.10.2 [10]	cD.21-01	
cD.21-01: IF D.3/17 THEN m ELSE n/a.				

D.2.2.8 Requirements of procedure - Protected I-channel error-correct mode

Table D.22: C/O data transfer procedures

Prerequisite: D.3/22				
Item	**Name of procedure**	**Reference**	**Status**	**Supp.**
1	Unilateral jump	10.13.2.1 [10]	cD.22-01	
2	Bearer reset	10.13.2.2 [10]	cD.22-01	
cD.22-01: IF D.3/22 THEN m ELSE o.				

D.3 Messages

D.3.1 A-field header

D.3.1.1 A-field header - Tail Identification

Table D.23: Tail Identification (Sending, PT to FT)

Prerequisite: D.5/2				
Item	**Tail Identification**	**Reference**	**Status**	**Support**
1	CT data packet number 0	10.1.6 [10]	m	
2	CT data packet number 1	10.1.6 [10]	m	
3	Identities information (N_T) on C/L bearer	10.1.6 [10], 10.3.1 [10]	i	
4	Identities information (N_T)	10.1.6 [10], 10.3.1 [10]	i	
5	Multiframe synchronization - system info. (Q_T)	10.1.6 [10], 10.3.2 [10]	i	
6	Escape	10.1.6 [10]	o	
7	MAC layer control(M_T)	10.1.6 [10]	m	
8	Paging tail (P_T)	10.1.6 [10], 10.4 [10]	x	
9	First PP transmission (M_T)	10.1.6 [10]	m	

Table D.24: Tail Identification (Receiving, FT to PT)

Prerequisite: D.5/2				
Item	**Tail Identification**	**Reference**	**Status**	**Support**
1	CT data packet number 0	10.1.6 [10]	m	
2	CT data packet number 1	10.1.6 [10]	m	
3	Identities information (N_T) on C/L bearer	10.1.6 [10], 10.3.1 [10]	m	
4	Identities information (N_T)	10.1.6 [10], 10.3.1 [10]	m	
5	Multiframe synchronization - system info. (Q_T)	10.1.6 [10], 10.3.2 [10]	m	
6	Escape	10.1.6 [10]	o	
7	MAC layer control (M_T)	10.1.6 [10]	m	
8	Paging tail (P_T)	10.1.6 [10], 10.4 [10]	m	
9	First PP transmission (M_T)	10.1.6 [10]	x	

D.3.1.2 A-field header - "Q1/BCK" bit

Table D.25: "Q1/BCK" bit (Sending, PT to FT)

Prerequisite: D.5/2				
Item	**"Q1/BCK" bit**	**Reference**	**Status**	**Support**
1	BCK I_P flow control (sliding collision)	10.16.3 [10]	cD.25-01	
2	Q1 bearer quality control	10.16.3 [10]	o	
cD.25-01: IF D.2/7 AND D.3/16 THEN m ELSE n/a.				

Table D.26: "Q1/BCK" bit (Receiving, FT to PT)

Prerequisite: D.5/2				
Item	**"Q1/BCK" bit**	**Reference**	**Status**	**Support**
1	BCK I_P flow control (sliding collision)	10.16.3 [10]	cD.26-01	
2	Q1 bearer quality control	10.16.3 [10]	o	
cD.26-01: IF D.2/7 AND D.3/16 THEN m ELSE n/a.				

D.3.1.3 A-field header - B-field identification

Table D.27: B-field identification (Sending, PT to FT)

Prerequisite: D.5/2				
Item	**B-field identification**	**Reference**	**Status**	**Support**
1	U-type, I_N, SI_N, SI_P, or I_P packet number 0 or no valid I_P error detect channel	10.1.7 [10]	oD.27-01	
2	U-type, I_P error detect or I_P packet number 1 or SI_P or no valid I_N channel data	10.1.7 [10]	oD.27-01	
3	E-type, all C_F or CL_F, packet number 0	10.1.7 [10]	oD.27-01	
4	double slot required	10.1.7 [10]	n/a	
5	E-type, all C_F, packet number 1	10.1.7 [10]	oD.27-01	
6	E-type, not all C_F or CL_F; C_F packet number 0	10.1.7 [10]	oD.27-01	
7	half slot required	10.1.7 [10]	n/a	
8	E-type, not all C_F; C_F packet number 1	10.1.7 [10]	oD.27-01	
9	E-type, all MAC control (unnumbered)	10.1.7 [10]	oD.27-01	
10	No B-field	10.1.7 [10]	oD.27-01	
oD.27-01: It is mandatory to support at least one of these options.				

Table D.28: B-field identification (Receiving, FT to PT)

Prerequisite: D.5/2				
Item	**B-field identification**	**Reference**	**Status**	**Support**
1	U-type, I_N, SI_N, SI_P, or I_P packet number 0 or no valid I_P error detect channel	10.1.7 [10]	m	
2	U-type, I_P error detect or I_P packet number 1 or SI_P or no valid I_N channel data	10.1.7 [10]	m	
3	E-type, all C_F or CL_F, packet number 0	10.1.7 [10]	m	
4	double slot required	10.1.7 [10]	n/a	
5	E-type, all C_F, packet number 1	10.1.7 [10]	m	
6	E-type, not all C_F or CL_F; C_F packet number 0	10.1.7 [10]	m	
7	half slot required	10.1.7 [10]	n/a	
8	E-type, not all C_F; C_F packet number 1	10.1.7 [10]	m	
9	E-type, all MAC control (unnumbered)	10.1.7 [10]	m	
10	No B-field	10.1.7 [10]	m	

D.3.1.4 A-field header - "Q2" bit

Table D.29: "Q2" bit (Sending, PT to FT)

Prerequisite: D.5/2				
Item	**"Q2" bit**	**Reference**	**Status**	**Support**
1	Q2 bearer quality & flow control	10.16.3 [10]	cD.29-01	
cD.29-01: IF D.3/16 THEN m ELSE o.				

Table D.30: "Q2" bit (Receiving, FT to PT)

Prerequisite: D.5/2				
Item	**"Q2" bit**	**Reference**	**Status**	**Support**
1	Q2 bearer quality & flow control	10.16.3 [10]	cD.30-01	
cD.30-01: IF D.3/16 THEN m ELSE o.				

D.3.2 A-field - Messages in the tail field

D.3.2.1 A-field identities information (N_T) message

Table D.31: Identities information (N_T) message (Receiving, FT to PT)

Prerequisite: D.3/4				
Item	**System information message**	**Reference**	**Status**	**Support**
1	N_T - Identities Information	10.3.1 [10]	m	

D.3.2.2 A-field system information (Q_T) messages

Table D.32: System information (Q_T) message (Receiving, FT to PT)

Prerequisite: D.3/4				
Item	**System information message**	**Reference**	**Status**	**Support**
1	Q_T - Static system information	10.3.2.1 [10]	m	
2	Q_T - Extended RF carrier information	10.3.2.1 [10]	m	
3	Q_T - Fixed part capabilities	10.3.2.2 [10]	m	
4	Q_T - Extended fixed part capabilities	10.3.2.2 [10]	m	
5	Q_T - Secondary access rights identities	10.3.2.3 [10]	m	
6	Q_T - Multi-frame number	7.2.3.7 [10]	m	

D.3.2.3 A-field paging tail (P_T) messages

D.3.2.3.1 Paging tail messages

Table D.33: Paging tail (P_T) messages (Receiving, FT to PT)

Prerequisite: D.3/5 OR D.3/6 OR D.3/7 OR D.3/8				
Item	**Paging tail message**	**Reference**	**Status**	**Support**
1	Full page format	10.4.1.1 [10]	m	
2	Long page format	10.4.1.1 [10]	m	
3	Short page format	10.4.1.2 [10]	m	
4	Zero length page format	10.4.1.3 [10]	m	
5	MAC resume format	10.4.1.4 [10]	m	

D.3.2.3.2 P_T messages information

Table D.34: P_T messages information (Receiving, FT to PT)

Prerequisite: D.33/3 OR D.33/4				
Item	**P_T message information type**	**Reference**	**Status**	**Support**
1	0001 - blind slot information for circuit mode service	10.4.1.5 [10]	m	
2	0010 - other bearer	10.4.1.5 [10]	m	
3	0011 - recommended other bearer	10.4.1.5 [10]	m	
4	0101 - dummy or C/L bearer position	10.4.1.5 [10]	m	
5	1001 - bearer handover/replacement information	10.4.1.5 [10]	m	
6	1010 - RFP status and Modulation types	10.4.1.5 [10]	m	
7	1100 - C/L bearer position	10.4.1.5 [10]	m	
8	1111 - blind slot information for packet mode service	10.4.1.5 [10]	m	

D.3.2.4 A-field MAC control (M_T) messages

D.3.2.4.1 Advanced connection control messages

Table D.35: Advanced connection control messages (Sending, PT to FT)

Prerequisite: D.3/12				
Item	**MAC control (M_T) message - Advanced connection control**	**Reference**	**Status**	**Supp.**
1	Advanced CC - attributes_T.request	10.7.4 [10]	m	
2	Advanced CC - attributes_T.confirm	10.7.4 [10]	m	
3	Advanced CC - bandwidth_T.request	10.7.1.1 [10], 10.7.1.3 [10]	m	
4	Advanced CC - bandwidth_T.confirm	10.7.1.1 [10], 10.7.1.3 [10]	m	

Table D.36: Advanced connection control messages (Receiving, FT to PT)

Prerequisite: D.3/12				
Item	**MAC control (M_T) message - Advanced connection control**	**Reference**	**Status**	**Supp.**
1	Advanced CC - attributes_T.request	10.7.1.1 [10], 10.7.1.3 [10]	m	
2	Advanced CC - attributes_T.confirm	10.7.1.1 [10], 10.7.1.3 [10]	m	
3	Advanced CC - bandwidth_T.request	10.7.1.1 [10], 10.7.1.3 [10]	m	
4	Advanced CC - bandwidth_T.confirm	10.7.1.1 [10], 10.7.1.3 [10]	m	

D.3.2.4.2 Broadcast and connectionless messages

Table D.37: Broadcast and connectionless messages (Sending, PT to FT)

Prerequisite: D.3/2 OR D.3/3				
Item	**MAC control (M_T) message - Broadcast and connectionless services**	**Reference**	**Status**	**Supp.**
1	CL_F, first of 2 transmissions, full slot	7.2.5.6 [4]	o	
2	CL_F, last transmissions, full slot	7.2.5.6 [4]	o	
3	C/L single transmissions, no C_F or CL_S	7.2.5.6 [4]	o	
4	CL_S service, first transmissions	7.2.5.6 [4]	o	
5	change dummy bearer position	7.2.5.6 [4]	cD.37-01	
6	extended system information, B-field procedure	7.2.5.6 [4], 10.2.1 [10]	cD.37-02	
cD.37-01: IF D.3/3 THEN m ELSE n/a. cD.37-02: IF D.55/3 = '0'B THEN x; ELSE IF D.3/2 THEN m; ELSE n/a.				

Table D.38: Broadcast and connectionless messages (Receiving, FT to PT)

Prerequisite: D.3/2 OR D.3/3				
Item	**MAC control (M_T) message - Broadcast and connectionless services**	**Reference**	**Status**	**Supp.**
1	CL_F, first of 2 transmissions, full slot	7.2.5.6 [4]	x	
2	CL_F, last transmissions, full slot	7.2.5.6 [4]	x	
3	C/L single transmissions, no C_F or CL_S	7.2.5.6 [4]	x	
4	CL_S service, first transmissions	7.2.5.6 [4]	x	
5	change dummy bearer position	7.2.5.6 [4]	x	
6	extended system information, B-field procedure	7.2.5.6 [4], 10.2.1 [10]	cD.38-01	
cD.38-01: IF D.55/3 = '0'B THEN x; ELSE IF D.3/2 THEN m; ELSE n/a.				

D.3.2.4.3 Encryption control messages

Table D.39: Encryption control messages (Sending, PT to FT)

Prerequisite: D.3/27				
Item	**MAC control (M_T) message - Encryption control**	**Reference**	**Status**	**Supp.**
1	Encryption start request	10.15.2.1 [10], 7.2.5.7 [4]	m	
2	Encryption start confirm	10.15.2.1 [10], 7.2.5.7 [4]	m	
3	Encryption start grant	10.15.2.1 [10], 7.2.5.7 [4]	m	
4	Encryption stop request	10.15.2.1 [10], 7.2.5.7 [4]	cD.39-01	
5	Encryption stop confirm	10.15.2.1 [10], 7.2.5.7 [4]	cD.39-01	
6	Encryption stop grant	10.15.2.1 [10], 7.2.5.7 [4]	cD.39-01	
cD.39-01: IF D.2/12 THEN m ELSE n/a.				

Table D.40: Encryption control (EC) messages (Receiving, FT to PT)

Prerequisite: D.3/27				
Item	**MAC control (M_T) message - Encryption control**	**Reference**	**Status**	**Supp.**
1	Encryption start request	10.15.2.1 [10], 7.2.5.7 [4]	m	
2	Encryption start confirm	10.15.2.1 [10], 7.2.5.7 [4]	m	
3	Encryption start grant	10.15.2.1 [10], 7.2.5.7 [4]	m	
4	Encryption stop request	10.15.2.1 [10], 7.2.5.7 [4]	cD.40-01	
5	Encryption stop confirm	10.15.2.1 [10], 7.2.5.7 [4]	cD.40-01	
6	Encryption stop grant	10.15.2.1 [10], 7.2.5.7 [4]	cD.40-01	
cD.40-01: IF D.2/12 THEN m ELSE n/a.				

D.3.2.4.4 B-field setup, first PT transmission message

Table D.41: B-field setup, first PT transmission message (Sending, PT to FT)

Prerequisite: D.3/10				
Item	**MAC control (M_T) message - B-field setup, first PT transmission message**	**Reference**	**Status**	**Supp.**
1	B-field setup, first PT transmission message	7.2.5.8 [4], 10.5.1.3.1 [4]	m	

D.3.3 B-field Messages

D.3.3.1 B-field - Advanced connection control messages

Table D.42: B-field Advanced connection control messages (Sending, PT to FT)

Prerequisite: D.3/10 - 20 OR D.3/37 OR D.3/38				
Item	**B-field Advanced CC message**	**Reference**	**Status**	**Support**
1	Access_request	10.10 [10]	m	
2	Bearer_handover_request	10.10 [10]	o	
3	Connection_handover_request	10.10 [10]	o	
4	Unconfirmed_access_request	10.10 [10]	cD.42-01	
5	Bearer_confirm	10.10 [10]	m	
6	Wait	10.10 [10]	m	
7	Bandwidth_B.request	10.7.1.1 [10], 10.7.1.3 [10], 10.7.1.5 [10]	m	
8	Bandwidth_B.confirm	10.7.1.1 [10], 10.7.1.3 [10], 10.7.1.5 [10]	m	
9	Channel_list	10.10.1.3 [10], 10.10.2 [10]	m	
10	Unconfirmed_handover	10.10 [10]	cD.42-01	
11	Release	10.11 [10]	m	
cD.42-01: IF D.3/17 THEN o ELSE n/a.				

Table D.43: B-field Advanced connection control messages (Receiving, FT to PT)

Prerequisite: D.3/10 - 20 OR D.3/37 OR D.3/38				
Item	**B-field Advanced CC message**	**Reference**	**Status**	**Support**
1	Access_request	10.10 [10]	m	
2	Bearer_handover_request	10.10 [10]	o	
3	Connection_handover_request	10.10 [10]	o	
4	Unconfirmed_access_request	10.10 [10]	cD.43-01	
5	Bearer_confirm	10.10 [10]	m	
6	Wait	10.10 [10]	m	
7	Bandwidth_B.request	10.7.1.1 [10], 10.7.1.3 [10], 10.7.1.5 [10]	m	
8	Bandwidth_B.confirm	10.7.1.1 [10], 10.7.1.3 [10], 10.7.1.5 [10]	m	
9	Channel_list	10.10.1.3 [10], 10.10.2 [10]	m	
10	Unconfirmed_handover	10.10 [10]	cD.43-01	
11	Release	10.11 [10]	m	
cD.43-01: IF D.3/17 THEN o ELSE n/a.				

D.3.3.2 B-field - Quality control messages

Table D.44: B-field - Quality control messages (Sending, PT to FT)

Prerequisite: D.3/31 OR D.3/32				
Item	**Quality control message**	**Reference**	**Status**	**Support**
1	Antenna switch single bearer request	10.16.4 [10]	oD.44-01	
2	Antenna switch all bearers request	10.16.4 [10]	oD.44-01	
3	Bearer handover reject	10.16.4 [10]	oD.44-01	
4	Bearer handover request	10.16.4 [10]	oD.44-01	
5	Connection handover reject	10.16.4 [10]	oD.44-01	
6	Frequency control single bearer reject	10.16.4 [10]	oD.44-01	
7	Frequency control all bearers reject	10.16.4 [10]	oD.44-01	
8	Advance timing all bearers reject	10.16.4 [10]	oD.44-01	
9	Send prolonged preamble request	10.16.4 [10]	oD.44-01	
10	Transmit prolonged preamble confirm	10.16.4 [10]	oD.44-01	
11	Frequency replacement request	10.16.4 [10]	oD.44-01	
12	Frequency replacement grant	10.16.4 [10]	oD.44-01	
13	Reset request first TDMA half frame	10.13.2.2 [10]	cD.44-01	
14	Reset request second TDMA half frame	10.13.2.2 [10]	cD.44-01	
15	Reset request both TDMA half frames	10.13.2.2 [10]	cD.44-01	
16	Reset confirm first TDMA half frame	10.13.2.2 [10]	cD.44-01	
17	Reset confirm second TDMA half frame	10.13.2.2 [10]	cD.44-01	
18	Reset confirm both TDMA half frames	10.13.2.2 [10]	cD.44-01	
19	MOD2 ACK	10.16.3 [10]	cD.44-02	
oD.44-01: It is mandatory to support at least one of these options. cD.44-01: IF D.2/7 THEN m ELSE n/a. cD.44-02: IF D.3/17 THEN m ELSE n/a.				

Table D.45: B-field - Quality control messages (Receiving, FT to PT)

Prerequisite: D.3/31 OR D.3/32				
Item	**Quality control message**	**Reference**	**Status**	**Support**
1	Antenna switch single bearer reject	10.16.4 [10]	oD.45-01	
2	Antenna switch all bearers reject	10.16.4 [10]	oD.45-01	
3	Bearer handover request	10.16.4 [10]	oD.45-01	
4	Bearer handover reject	10.16.4 [10]	oD.45-01	
5	Connection handover request	10.16.4 [10]	oD.45-01	
6	Frequency control single bearer request	10.16.4 [10]	oD.45-01	
7	Frequency control all bearers request	10.16.4 [10]	oD.45-01	
8	Advance timing all bearers request	10.16.4 [10]	oD.45-01	
9	Send prolonged preamble request	10.16.4 [10]	oD.45-01	
10	Transmit prolonged preamble confirm	10.16.4 [10]	oD.45-01	
11	Frequency replacement confirm	10.16.4 [10]	oD.45-01	
12	Reset request first TDMA half frame	10.13.2.2 [10]	cD.45-01	
13	Reset request second TDMA half frame	10.13.2.2 [10]	cD.45-01	
14	Reset request both TDMA half frames	10.13.2.2 [10]	cD.45-01	
15	Reset confirm first TDMA half frame	10.13.2.2 [10]	cD.45-01	
16	Reset confirm second TDMA half frame	10.13.2.2 [10]	cD.45-01	
17	Reset confirm both TDMA half frames	10.13.2.2 [10]	cD.45-01	
18	MOD2 ACK	10.16.3 [10]	cD.45-02	
oD.45-01: It is mandatory to support at least one of these options. cD.45-01: IF D.2/7 THEN m ELSE n/a. cD.45-02: IF D.3/17 THEN m ELSE n/a.				

D.3.3.3 B-field - Extended system information messages

Table D.46: B-field - Extended system information messages (Sending, PT to FT)

Prerequisite: D.3/10				
Item	**Extended system information message**	**Reference**	**Status**	**Support**
1	TARI message	7.3.5.2 [4]	cD.46-01	
cD.46-01: IF D.37/2 AND D.15/1 THEN m ELSE n/a.				

Table D.47: B-field - Extended system information messages (Receiving, FT to PT)

Prerequisite: D.3/10				
Item	**Extended system information message**	**Reference**	**Status**	**Support**
1	TARI message	7.3.5.2 [4]	cD.47-01	
cD.47-01: IF D.38/2 AND D.15/1 THEN m ELSE n/a.				

D.3.3.4 B-field - G_F-channel data packet messages

Table D.48: B-field - G_F-channel data packet messages (Sending, PT to FT)

Prerequisite: D.3/39				
Item	**G_F-channel data packet**	**Reference**	**Status**	**Support**
1	No C_F data in the B-field	7.3.6 [4], 6.2.2.3 [4]	m	
2	One B-subfield contains C_F data	7.3.6 [4], 6.2.2.3 [4]	m	
3	Two B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	m	
4	Three B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	m	
5	Four B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	m	
6	Five B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.48-01	
7	Six B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.48-01	
8	Seven B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.48-01	
9	Eight B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.48-01	
10	Nine B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.48-02	
11	Ten B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.48-02	
12	Eleven B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.48-02	
13	Twelve B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.48-02	
cD.48-01: IF (D.9/1 OR D.9/2 OR D.9/3) AND (D.7/3 OR D.7/4) THEN m ELSE n/a. cD.48-02: IF (D.9/1 OR D.9/2 OR D.9/3) AND D.7/4 THEN m ELSE n/a.				

Table D.49: B-field - G_F-channel data packet messages (Receiving, FT to PT)

Prerequisite: D.3/39				
Item	**G_F-channel data packet**	**Reference**	**Status**	**Support**
1	No C_F data in the B-field	7.3.6 [4], 6.2.2.3 [4]	m	
2	One B-subfield contains C_F data	7.3.6 [4], 6.2.2.3 [4]	m	
3	Two B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	m	
4	Three B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	m	
5	Four B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	m	
6	Five B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.49-01	
7	Six B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.49-01	
8	Seven B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.49-01	
9	Eight B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.49-01	
10	Nine B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.49-02	
11	Ten B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.49-02	
12	Eleven B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.49-02	
13	Twelve B-subfield contain C_F data	7.3.6 [4], 6.2.2.3 [4]	cD.49-02	
cD.49-01: IF (D.9/1 OR D.9/2 OR D.9/3) AND (D.7/3 OR D.7/4) THEN m ELSE n/a. cD.49-02: IF (D.9/1 OR D.9/2 OR D.9/3) AND D.7/4 THEN m ELSE n/a.				

D.4 MAC messages format and field value

D.4.1 A-field identities information (N_T) message

Table D.50: N_T - Identities Information (Receiving, FT to PT)

Prerequisite: D.31/1						
Item	**N_T - Identities Information**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	E	10.3.1 [10]	m		'0'B, '1'B	
2	PARI	10.3.1 [10]	m		31 or 36 bits value	
3	RPN	10.3.1 [10]	m		3 or 8 bits value	

D.4.2 A-field system information (Q_T) messages

D.4.2.1 Q_T - Static system information

Table D.51: Q_T - Static system information (Receiving, FT to PT)

Prerequisite: D.32/1						
Item	**Q_T - Static system information**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Q_T header	10.3.2.1 [10]	m		'000X'B	
2	Normal/reverse	10.3.2.1 [10]	m		'0'B, '1'B	
3	Slot number	10.3.2.1 [10]	m		'0000'B .. '1011'B	
4	Start position	10.3.2.1 [10]	m		'00'B	
5	Escape bit	10.3.2.1 [10]	m		'0'B, '1'B	
6	Number of transceivers	10.3.2.1 [10]	m		'00'B .. '11'B	
7	Extended RF carrier	10.3.2.1 [10]	m		'0'B, '1'B	
8	RF carriers available	10.3.2.1 [10]	m		10 bits value	
9	Spr 1	10.3.2.1 [10]	m		'00'B	
10	Carrier number	10.3.2.1 [10]	m		'000000'B .. '001001'B, '001010'B .. '010000'B	
11	Spr 2	10.3.2.1 [10]	m		'00'B	
12	PSCN	10.3.2.1 [10]	m		'000000'B .. '001001'B, '001010'B .. '010000'B	

D.4.2.2 Q_T - Extended RF carrier information

Table D.52: Q_T - Extended RF carrier information (Receiving, FT to PT)

Prerequisite: D.32/2						
Item	**Q_T - Extended RF carrier information**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Q_T header	10.3.2.1 [10]	m		'0010'B	
2	RF carriers	10.3.2.1 [10]	m		23 bits value	
3	RF band	10.3.2.1 [10]	m		5 bits value	
4	Spr	10.3.2.1 [10]	m		'00'B	
5	Number of RF carriers	10.3.2.1 [10]	m		6 bits value	

D.4.2.3 Q_T - Fixed part capability

Table D.53: Q_T - Fixed part capability (Receiving, FT to PT)

Prerequisite: D.32/3						
Item	**Q_T - Fixed part capability**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Q_T header	10.3.2.2.1 [10]	m		'0011'B	
2	Extended FP info.	6 [10], 10.3.2.2.1 [10]	m		cD.53-01	
3	Double duplex bearer connections	7.2.3.4.2[4]	m		'0'B, '1'B	
4	Reserved	7.2.3.4.2[4]	m		1 bit	
5	Double slot	7.2.3.4.2[4]	m		'0'B	
6	Half slot	7.2.3.4.2[4]	m		'0'B	
7	Full slot	10.3.2.2.1 [10]	m		'1'B	
8	Frequency control	7.2.3.4.2 [4]	m		'0'B, '1'B	
9	Page repetition	10.3.2.2.1 [10]	m		'0'B, '1'B	
10	Dummy bearer setup	7.2.3.4.2 [4]	m		'0'B, '1'B	
11	C/L uplink	10.3.2.2.1 [10]	m		'0'B, '1'B	
12	C/L downlink	10.3.2.2.1 [10]	m		'0'B, '1'B	
13	Basic A-field setup	7.2.3.4.2 [4]	m		'0'B, '1'B	
14	Adv. A-field setup	7.2.3.4.2 [4]	m		'0'B, '1'B	
15	B-field setup	10.3.2.2.1 [10]	m		'1'B	
16	C_F messages	10.3.2.2.1 [10]	m		'0'B, '1'B, note 1	
17	I_N minimum delay	7.2.3.4.2 [4]	m		'0'B, '1'B	
18	I_N normal delay	7.2.3.4.2 [4]	m		'0'B, '1'B	
19	I_P error detection	10.3.2.2.1 [10]	m		'1'B	
20	I_P error correction	10.3.2.2.1 [10]	m		'0'B, '1'B, note 2	
21	Multibearer connection	10.3.2.2.1 [10]	m		'0'B, '1'B	
22	Higher layer information	12.16 [10]	m		16 bits value	
cD.53-01: IF A.2/2 THEN '1'B ELSE '0'B. NOTE 1: If PT supports only C_S messages it may ignore this value. NOTE 2: If PT supports only Ip_error_detect it may ignore this value.						

D.4.2.4 Q_T - Extended fixed part capabilities

Table D.54: Q_T - Extended fixed part capabilities (Receiving, FT to PT)

Prerequisite: D.32/4						
Item	**Q_T - Extended fixed part capabilities**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Q_T header	10.3.2.2.2 [10]	m		'0100'B	
2	Wireless relay stations	10.3.2.2.2 [10]	m		'000000'B	
3	Synchronization field	7.2.3.5.2.2 [4]	m		'00'B, '01'B	
4	Frequency replacement field	7.2.3.5.2.3 [4]	m		'0'B, '1'B	
5	a21	10.3.2.2.2 [10]	m		'1'B	
5	a22	10.3.2.2.2 [10]	m		'0'B, '1'B	
5	Reserved Physical/MAC field/ a23 - a28	7.2.3.5.2 [4]	m		6 bits value	
6	Extended Higher layer field/ a29 - a47	12.16 [10]	m		19 bits value	

D.4.2.5 Q_T - Secondary access rights identities

Table D.55: Q_T - Secondary access rights identities (Receiving, FT to PT)

Prerequisite: D.32/5						
Item	**Q_T - Secondary access rights identities**	**Reference**	**Status**	**Supp.**	**Value**	**Value Supported**
1	Q_T header	10.3.2.3 [10]	m		'0101'B	
2	SARI list length	5.6.1 [7]	m		'000'B - '111'B	
3	TARIs yes/no	5.6.2 [7]	m		'0'B, '1'B	
4	Black yes/no	5.6.3 [7]	m		'0'B, '1'B	
5	ARI or black-ARI	5.6.3 [7], 5.6.4 [7]	m		note	
NOTE: The exact coding is described in 5.6.3 [7], 5.6.4 [7].						

D.4.2.6 Q_T - Multi-frame number

Table D.56: Q_T - Multi-frame number (Receiving, FT to PT)

Prerequisite: D.32/6						
Item	**Q_T - Multi-frame number**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Q_T header	10.3.2.4 [10]	m		'0110'B	
2	Spare	10.3.2.4 [10]	m		'1111 0000 1111'B	
3	Multiframe number	10.3.2.4 [10]	m		24 bits value, note	
NOTE: The number of the multiframe modulo 224.						

D.4.3 A-field paging tail (P_T) messages

D.4.3.1 P_T message - Full page

Table D.57: P_T message - Full page (Receiving, FT to PT)

Prerequisite: D.33/1						
Item	**P_T message - Full page**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Extend flag	10.4.1.1 [10]	m		'0'B, '1'B	
2	B_S SDU length	10.4.1.1 [10]	m		'010'B	
3	36 bits B_S data	10.4.1.1 [10]	m		36 bits value	

D.4.3.2 P_T message - Long page

Table D.58: P_T message - Long page (Receiving, FT to PT)

Prerequisite: D.33/2						
Item	**P_T message - Long page**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Extend flag	10.4.1.1 [10]	m		'0'B, '1'B	
2	B_S SDU length	10.4.1.1 [10]	m		'100'B .. '111'B	
3	36 bits B_S data	10.4.1.1 [10]	m		36 bits value	

D.4.3.3 P_T message - Short page

Table D.59: P_T message - Short page (Receiving, FT to PT)

Prerequisite: D.33/3						
Item	**P_T message - Short page**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Extend flag	10.4.1.2 [10]	m		'0'B, '1'B	
2	B_S SDU length	10.4.1.2 [10]	m		'001'B	
3	20 bits B_S data	10.4.1.2 [10]	m		20 bits value	
4	Info type	10.4.1.2 [10]	m		'0000'B .. '1111'B	
5	MAC info. element	10.4.1.2 [10]	m		12 bits value	

D.4.3.4 P_T message - Zero length page

Table D.60: P_T message - Zero length page (Receiving, FT to PT)

Prerequisite: D.33/4						
Item	**P_T message - Zero length page**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Extend flag	10.4.1.3 [10]	m		'0'B, '1'B	
2	B_S SDU length	10.4.1.3 [10]	m		'000'B	
3	20 LSB bits of RFPI	10.4.1.3 [10]	m		20 bits value	
4	Info type	10.4.1.3 [10]	m		'0000'B .. ''1111'B	
5	MAC info. element	10.4.1.3 [10]	m		12 bits value	

D.4.3.5 P_T message - MAC resume page message

Table D.61: P_T message - MAC resume page message (Receiving, FT to PT)

Prerequisite: D.33/5						
Item	**P_T message - Zero length page**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Extend flag	10.4.1.4 [10]	m		'0'B, '1'B	
2	B_S SDU length	10.4.1.4 [10]	m		'011'B	
3	PMID (20 bits)	10.4.1.4 [10]	m		20 bits value	
4	ECN	10.4.1.4 [10]	m		'0000'B .. ''1111'B	
5	a36 - a47	10.4.1.4 [10]	m		'1111 1111 1111'B	

D.4.3.6 P_T messages - MAC info. element

D.4.3.6.1 MAC info. element - Blind slot information for circuit mode service

Table D.62: MAC info. element - Blind slot information for circuit mode service(Receiving, FT to PT)

Prerequisite: D.34/1						
Item	**MAC info. element - Blind full slot**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Slot {0,12} (a36)	7.2.4.3.3 [4]	m		'0'B, '1'B	
2	Slot {1,13} (a37)	7.2.4.3.3 [4]	m		'0'B, '1'B	
3	Slot {2,14} (a38)	7.2.4.3.3 [4]	m		'0'B, '1'B	
4	Slot {3,15} (a39)	7.2.4.3.3 [4]	m		'0'B, '1'B	
5	Slot {4,16} (a40)	7.2.4.3.3 [4]	m		'0'B, '1'B	
6	Slot {5,17} (a41)	7.2.4.3.3 [4]	m		'0'B, '1'B	
7	Slot {6,18} (a42)	7.2.4.3.3 [4]	m		'0'B, '1'B	
8	Slot {7,19} (a43)	7.2.4.3.3 [4]	m		'0'B, '1'B	
9	Slot {8,20} (a44)	7.2.4.3.3 [4]	m		'0'B, '1'B	
10	Slot {9,21} (a45)	7.2.4.3.3 [4]	m		'0'B, '1'B	
11	Slot {10,22} (a46)	7.2.4.3.3 [4]	m		'0'B, '1'B	
12	Slot {11,23} (a47)	7.2.4.3.3 [4]	m		'0'B, '1'B	

D.4.3.6.2 MAC info. element - Other bearer

Table D.63: MAC info. element - Other bearer (Receiving, FT to PT)

Prerequisite: D.34/2						
Item	**MAC info. element - Other bearer**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Slot number	7.2.3.2.3 [4]	m		'0000'B .. '1011'B	
2	Start position	7.2.3.2.4 [4]	m		'00'B, '10'B	
3	Carrier number	7.2.3.2.10 [4]	m		'000000'B .. '100000'B	

D.4.3.6.3 MAC info. element - Recommended other bearer

Table D.64: MAC info. element - Recommended other bearer (Receiving, FT to PT)

Prerequisite: D.34/3						
Item	**MAC info. element - Recommended other bearer**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Slot number	7.2.3.2.3 [4]	m		'0000'B .. '1011'B	
2	Start position	7.2.3.2.4 [4]	m		'00'B, '10'B	
3	Carrier number	7.2.3.2.10 [4]	m		'000000'B .. '100000'B	

D.4.3.6.4 MAC info. element - Dummy or C/L bearer position

Table D.65: MAC info. element - Dummy or C/L bearer position (Receiving, FT to PT)

Prerequisite: D.34/4						
Item	**MAC info. element - Dummy or C/L bearer position**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Slot number	7.2.3.2.3 [4]	m		'0000'B .. '1011'B	
2	Start position	7.2.3.2.4 [4]	m		'00'B, '10'B	
3	Carrier number	7.2.3.2.10 [4]	m		'000000'B .. '100000'B	

D.4.3.6.5 MAC info. element - Bearer handover information

Table D.66: MAC info. element - Bearer handover information (Receiving, FT to PT)

Prerequisite: D.34/5						
Item	**MAC info. element - Bearer handover information**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Info type	7.2.4.3.8[4]	m		'0000'B .. '0011'B	
2	Parameter	7.2.4.3.8 [4]	m		'0000 1111'B or last 8 bits of 12 bits 'bit mask'	

D.4.3.6.6 MAC info. element - RFP status

Table D.67: MAC info. element - RFP status (Receiving, FT to PT)

Prerequisite: D.34/6						
Item	**MAC info. element - RFP status**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value supported**
2	a36	10.4.1.5.1 [10]	m		?	
2	a37	10.4.1.5.1 [10]	m		?	
3	a38	10.4.1.5.1 [10]	m		?	
4	a39	10.4.1.5.1 [10]	m		?	
5	a40	10.4.1.5.1 [10]	m		'0'B	
6	a41	10.4.1.5.1 [10]	m		'0'B, '1'B	
7	a42	10.4.1.5.1 [10]	m		'0'B, '1'B	
8	a43	10.4.1.5.1 [10]	m		'0'B, '1'B	
9	a44	10.4.1.5.1 [10]	m		'1'B	
10	a45	10.4.1.5.1 [10]	m		'0'B, '1'B	
11	a46	10.4.1.5.1 [10]	m		'0'B, '1'B	
12	a47	10.4.1.5.1 [10]	m		'0'B, '1'B	

D.4.3.6.7 MAC info. element - C/L bearer position

Table D.68: MAC info. element - C/L bearer position (Receiving, FT to PT)

Prerequisite: D.34/7						
Item	**MAC info. element - C/L bearer position**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Slot number	7.2.3.2.3 [4]	m		'0000'B .. '1011'B	
2	Start position	7.2.3.2.4 [4]	m		'00'B, '10'B	
3	Carrier number	7.2.3.2.10 [4]	m		'000000'B .. '100000'B	

D.4.3.6.8 MAC info. element - Blind slot information for packet mode service

Table D.69: MAC info. element - Blind slot information for packet mode service (Receiving, FT to PT)

Prerequisite: D.34/8						
Item	**MAC info. element - Blind full slot**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Slot {0,12} (a36)	10.4.2.8 [4]	m		'0'B, '1'B	
2	Slot {1,13} (a37)	10.4.2.8 [4]	m		'0'B, '1'B	
3	Slot {2,14} (a38)	10.4.2.8 [4]	m		'0'B, '1'B	
4	Slot {3,15} (a39)	10.4.2.8 [4]	m		'0'B, '1'B	
5	Slot {4,16} (a40)	10.4.2.8 [4]	m		'0'B, '1'B	
6	Slot {5,17} (a41)	10.4.2.8 [4]	m		'0'B, '1'B	
7	Slot {6,18} (a42)	10.4.2.8 [4]	m		'0'B, '1'B	
8	Slot {7,19} (a43)	10.4.2.8 [4]	m		'0'B, '1'B	
9	Slot {8,20} (a44)	10.4.2.8 [4]	m		'0'B, '1'B	
10	Slot {9,21} (a45)	10.4.2.8 [4]	m		'0'B, '1'B	
11	Slot {10,22} (a46)	10.4.2.8 [4]	m		'0'B, '1'B	
12	Slot {11,23} (a47)	10.4.2.8 [4]	m		'0'B, '1'B	
NOTE: The coding of this message is identical to D.62.						

D.4.4 A-field MAC control (M_T) messages

D.4.4.1 Advanced connection control messages

D.4.4.1.1 Advanced CC - Attributes_T request

Table D.70: Advanced CC - Attributes_T request (Sending, PT to FT)

Prerequisite: D.35/1						
Item	**Advanced CC - Attributes_T request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.4 [10]	m		'0001'B	
2	Command	10.7.4 [10]	m		'0110'B	
3	ECN	10.7.4 [10]	m		4 bits value	
4	LBN	10.7.4 [10]	m		4 bits value	
5	up/down/ss/sm	10.7.4 [10]	m		2 bits value	
6	Service type	10.7.4 [10]	m		'010'B, '011'B, '110'B, '111'B	
7	Maximum lifetime	10.7.4 [10]	m		3 bits value	
8	Slot type	10.7.4 [10]	m		'0000'B	
9	C_F support flag	10.7.4 [10]	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8 [4]	m		'111'B	
11	Spare2	7.2.5.3.8 [4]	m		'0000'B	
12	A-field modulation type	10.7.4 [10]	m		'11'B	
13	(B+Z)-fields modulation type	10.7.4 [10]	m		'01'B, '10'B, '11'B	

Table D.71: Advanced CC - Attributes_T request (Receiving, FT to PT)

Prerequisite: D.36/1						
Item	**Advanced CC - Attributes_T request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.4 [10]	m		'0001'B	
2	Command	10.7.4 [10]	m		'0110'B	
3	ECN	10.7.4 [10]	m		4 bits value	
4	LBN	10.7.4 [10]	m		4 bits value	
5	up/down/ss/sm	10.7.4 [10]	m		2 bits value	
6	Service type	10.7.4 [10]	m		'010'B, '011'B, '110'B, '111'B	
7	Maximum lifetime	10.7.4 [10]	m		3 bits value	
8	Slot type	10.7.4 [10]	m		'0000'B	
9	C_F support flag	10.7.4 [10]	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8 [4]	m		'111'B	
11	Spare2	7.2.5.3.8 [4]	m		'0000'B	
12	A-field modulation type	10.7.4 [10]	m		'11'B	
13	(B+Z)-fields modulation type	10.7.4 [10]	m		'01'B, '10'B, '11'B	

D.4.4.1.2 Advanced CC - Attributes_T confirm

Table D.72: Advanced CC - Attributes_T confirm (Sending, PT to FT)

Prerequisite: D.35/2						
Item	**Advanced CC - Attributes_T request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.4 [10]	m		'0001'B	
2	Command	10.7.4 [10]	m		'0110'B	
3	ECN	10.7.4 [10]	m		4 bits value	
4	LBN	10.7.4 [10]	m		4 bits value	
5	up/down/ss/sm	10.7.4 [10]	m		2 bits value	
6	Service type	10.7.4 [10]	m		'010'B, '011'B, '110'B, '111'B	
7	Maximum lifetime	10.7.4 [10]	m		3 bits value	
8	Slot type	10.7.4 [10]	m		'0000'B	
9	C_F support flag	10.7.4 [10]	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8 [4]	m		'111'B	
11	Spare2	7.2.5.3.8 [4]	m		'0000'B	
12	A-field modulation type	10.7.4 [10]	m		'11'B	
13	(B+Z)-fields modulation type	10.7.4 [10]	m		'01'B, '10'B, '11'B	

Table D.73: Advanced CC - Attributes_T confirm (Receiving, FT to PT)

Prerequisite: D.36/2						
Item	**Advanced CC - Attributes_T request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.4 [10]	m		'0001'B	
2	Command	10.7.4 [10]	m		'0110'B	
3	ECN	10.7.4 [10]	m		4 bits value	
4	LBN	10.7.4 [10]	m		4 bits value	
5	up/down/ss/sm	10.7.4 [10]	m		2 bits value	
6	Service type	10.7.4 [10]	m		'010'B, '011'B, '110'B, '111'B	
7	Maximum lifetime	10.7.4 [10]	m		3 bits value	
8	Slot type	10.7.4 [10]	m		'0000'B	
9	C_F support flag	10.7.4 [10]	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8 [4]	m		'111'B	
11	Spare2	7.2.5.3.8 [4]	m		'0000'B	
12	A-field modulation type	10.7.4 [10]	m		'11'B	
13	(B+Z)-fields modulation type	10.7.4 [10]	m		'01'B, '10'B, '11'B	

D.4.4.1.3 Advanced CC - Bandwidth_T request

Table D.74: Advanced CC - Bandwidth_T request (Sending, PT to FT)

Prerequisite: D.35/3						
Item	**Advanced CC - Bandwidth_T request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.1.1 [10], 10.7.1.3 [10]	m		'0001'B	
2	Command	10.7.1.1 [10], 10.7.1.3 [10]	m		'1000'B	
3	Spare1	7.2.5.3.9 [4]	m		'000'B	
4	M-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	
5	Spare2	7.2.5.3.9 [4]	m		'000'B	
6	T-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	
7	Spare3	7.2.5.3.9 [4]	m		'000'B	
8	M-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		cD.74-01, note	
9	Spare4	7.2.5.3.9 [4]	m		'000'B	
10	T-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	
cD.74-01: IF (D.74/4 = '00000'B AND D.74/6 = '00000'B AND D.74/10 = '00000'B): THEN '00000'B .. '00101'B (reason for the requested suspension/stay alive); ELSE '00001'B .. '10111'B (bandwidth values). NOTE: The value '00000'B shall not be used for backwards compatibility. If received, it shall be understand as "Suspension reason unknown".						

Table D.75: Advanced CC - Bandwidth_T request (Receiving, FT to PT)

Prerequisite: D.36/3						
Item	**Advanced CC - Bandwidth_T request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.1.1 [10], 10.7.1.3 [10]	m		'0001'B	
2	Command	10.7.1.1 [10], 10.7.1.3 [10]	m		'1000'B	
3	Spare1	7.2.5.3.9 [4]	m		'000'B	
4	M-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	
5	Spare2	7.2.5.3.9 [4]	m		'000'B	
6	T-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	
7	Spare3	7.2.5.3.9 [4]	m		'000'B	
8	M-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		cD.75-01	
9	Spare4	7.2.5.3.9 [4]	m		'000'B	
10	T-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	
cD.75-01: IF (D.75/4 = '00000'B AND D.75/6 = '00000'B AND D.75/10 = '00000'B); THEN '00001'B .. '00100'B (reason for the requested suspension); ELSE '00001'B .. '10111'B (bandwidth values).						

D.4.4.1.4 Advanced CC - Bandwidth_T confirm

Table D.76: Advanced CC - Bandwidth_T confirm (Sending, PT to FT)

Prerequisite: D.35/4						
Item	**Advanced CC - Bandwidth_T confirm**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.1.1 [10], 10.7.1.3 [10]	m		'0001'B	
2	Command	10.7.1.1 [10], 10.7.1.3 [10]	m		'1001'B	
3	Spare1	7.2.5.3.9 [4]	m		'000'B	
4	M-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
5	Spare2	7.2.5.3.9 [4]	m		'000'B	
6	T-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
7	Spare3	7.2.5.3.9 [4]	m		'000'B	
8	M-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
9	Spare4	7.2.5.3.9 [4]	m		'000'B	
10	T-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
NOTE: The bandwidth value 0 is used to confirm a connection suspension.						

Table D.77: Advanced CC - Bandwidth_T confirm (Receiving, FT to PT)

Prerequisite: D.36/4						
Item	**Advanced CC - Bandwidth_T confirm**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.1.1 [10], 10.7.1.3 [10]	m		'0001'B	
2	Command	10.7.1.1 [10], 10.7.1.3 [10]	m		'1001'B	
3	Spare1	7.2.5.3.9 [4]	m		'000'B	
4	M-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
5	Spare2	7.2.5.3.9 [4]	m		'000'B	
6	T-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
7	Spare3	7.2.5.3.9 [4]	m		'000'B	
8	M-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
9	Spare4	7.2.5.3.9 [4]	m		'000'B	
10	T-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
NOTE: The bandwidth value 0 is used to confirm either a connection suspension or a stay alive procedure.						

D.4.4.2 Broadcast and connectionless messages

D.4.4.2.1 BCL - change dummy bearer position

Table D.78: BCL - change dummy bearer position (Sending, PT to FT)

Prerequisite: D.37/1						
Item	**BCL - change dummy bearer position**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.6 [4]	m		'0100'B	
2	Command	7.2.5.6 [4]	m		'1100'B	
3	FMID	7.2.5.6 [4]	m		12 bits value	
4	PMID	7.2.5.6 [4]	m		20 bits value	

D.4.4.2.2 BCL - extended system info., B-field procedure

Table D.79: BCL - extended system info., B-field procedure (Sending, PT to FT)

Prerequisite: D.37/2						
Item	**BCL - extended system info., B-field procedure**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.6 [4]	m		'0100'B	
2	Command	7.2.5.6 [4]	m		'1111'B	
3	FMID	7.2.5.6 [4]	m		12 bits value	
4	PMID	7.2.5.6 [4]	m		20 bits value	

Table D.80: BCL - extended system info., B-field procedure (Receiving, FT to PT)

Prerequisite: D.38/2						
Item	**BCL - extended system info., B-field procedure**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.6 [4]	m		'0100'B	
2	Command	7.2.5.6 [4]	m		'1111'B	
3	FMID	7.2.5.6 [4]	m		12 bits value	
4	PMID	7.2.5.6 [4]	m		20 bits value	

D.4.4.3 Encryption control messages

D.4.4.3.1 EC - Encryption start

Table D.81: EC - Encryption start request (Sending, PT to FT)

Prerequisite: D.39/1						
Item	**EC- Encryption start**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0000'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

Table D.82: EC - Encryption start request (Receiving, FT to PT)

Prerequisite: D.40/1						
Item	**EC- Encryption start**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0000'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

Table D.83: EC - Encryption start grant(Sending, PT to FT)

Prerequisite: D.39/3						
Item	**EC- Encryption start**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0010'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

Table D.84: EC - Encryption start grant(Receiving, FT to PT)

Prerequisite: D.40/3						
Item	**EC- Encryption start**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0010'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

Table D.85: EC - Encryption start confirm (Sending, PT to FT)

Prerequisite: D.39/2						
Item	**EC- Encryption start**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0001'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

Table D.86: EC - Encryption start confirm (Receiving, FT to PT)

Prerequisite: D.40/2						
Item	**EC- Encryption start**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0001'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

D.4.4.3.2 EC - Encryption stop

Table D.87: EC - Encryption stop request (Sending, PT to FT)

Prerequisite: D.39/4						
Item	**EC - Encryption stop**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0100'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

Table D.88: EC - Encryption stop request (Receiving, FT to PT)

Prerequisite: D.40/4						
Item	**EC - Encryption stop**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0100'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

Table D.89: EC - Encryption stop grant (Sending, PT to FT)

Prerequisite: D.39/6						
Item	**EC - Encryption stop**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0110'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

Table D.90: EC - Encryption stop grant (Receiving, FT to PT)

Prerequisite: D.40/6						
Item	**EC - Encryption stop**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0110'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

Table D.91: EC - Encryption stop confirm (Sending, PT to FT)

Prerequisite: D.39/5						
Item	**EC - Encryption stop**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0101'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

Table D.92: EC - Encryption stop confirm (Receiving, FT to PT)

Prerequisite: D.40/5						
Item	**EC - Encryption stop**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.7 [4]	m		'0101'B	
2	Command	7.2.5.7 [4]	m		'0101'B	
3	FMID	7.2.5.7 [4]	m		12 bits value	
4	PMID	7.2.5.7 [4]	m		20 bits value	

D.4.4.4 M_T message - B-field setup

Table D.93: M_T message - B-field setup (Sending, PT to FT)

Prerequisite: D.41/1						
Item	**M_T message - B - field setup**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	7.2.5.8 [4]	m		'0110'B	
2	36 LSB bits of RFPI	7.2.5.8 [4]	m		36 bits value	

D.4.5 B-field Messages

D.4.5.1 B-field - Advanced CC messages

D.4.5.1.1 B-field Advanced CC - Access_request

Table D.94: B-field Advanced CC - Access_request (Sending, PT to FT)

Prerequisite: D.42/1						
Item	**B-field Advanced CC - Access request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0000'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		4 bits value	
6	LBN	10.10 [10]	m		4 bits value	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		3 bits value	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.2 [4]	m		'1111'B	

Table D.95: B-field Advanced CC - Access_request (Receiving, FT to PT)

Prerequisite: D.43/1						
Item	**B-field Advanced CC - Access request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0000'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
6	LBN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		'000'B,'001'B, '010'B, '100'B	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.2 [4]	m		'1111'B	

D.4.5.1.2 B-field Advanced CC - Bearer_handover_request

Table D.96: B-field Advanced CC - Bearer_handover_request (Sending, PT to FT)

Prerequisite: D.42/2						
Item	**B-field Advanced CC - Bearer handover request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0001'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		4 bits value	
6	LBN	10.10 [10]	m		4 bits value	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		3 bits value	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.2 [4]	m		'1111'B	

Table D.97: B-field Advanced CC - Bearer_handover_request (Receiving, FT to PT)

Prerequisite: D.43/2						
Item	**B-field Advanced CC - Bearer handover request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0001'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
6	LBN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		'000'B,'001'B, '010'B, '100'B	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.2 [4]	m		'1111'B	

D.4.5.1.3 B-field Advanced CC - Connection_handover_request

Table D.98: B-field Advanced CC - Connection_handover_request (Sending, PT to FT)

Prerequisite: D.42/3						
Item	**B-field Advanced CC - Connection handover request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0010'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		4 bits value	
6	LBN	10.10 [10]	m		4 bits value	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		3 bits value	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.2 [4]	m		'1111'B	

Table D.99: B-field Advanced CC - Connection_handover_request (Receiving, FT to PT)

Prerequisite: D.43/3						
Item	**B-field Advanced CC - Connection handover request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0010'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
6	LBN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		'000'B,'001'B, '010'B, '100'B	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.2 [4]	m		'1111'B	

D.4.5.1.4 B-field Advanced CC - Unconfirmed_access_request

Table D.100: B-field Advanced CC - Unconfirmed_access_request (Sending, PT to FT)

Prerequisite: D.42/4						
Item	**B-field Advanced CC - Unconfirmed access request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0011'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		4 bits value	
6	LBN	10.10 [10]	m		4 bits value	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		3 bits value	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.2 [4]	m		'1111'B	

Table D.101: B-field Advanced CC - Unconfirmed_access_request (Receiving, FT to PT)

Prerequisite: D.43/4						
Item	**B-field Advanced CC - Unconfirmed access request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0011'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
6	LBN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		'000'B,'001'B, '010'B, '100'B	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.2 [4]	m		'1111'B	

D.4.5.1.5 B-field Advanced CC - Bearer_confirm

Table D.102: B-field Advanced CC - Bearer_confirm (Sending, PT to FT)

Prerequisite: D.42/5						
Item	**B-field Advanced CC - Bearer confirm**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0100'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		4 bits value	
6	LBN	10.10 [10]	m		4 bits value	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		3 bits value	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.3 [4]	m		'1111'B	

Table D.103: B-field Advanced CC - Bearer_confirm (Receiving, FT to PT)

Prerequisite: D.43/5						
Item	**B-field Advanced CC - Bearer confirm**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0100'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
6	LBN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		'000'B,'001'B, '010'B, '100'B	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.3 [4]	m		'1111'B	

D.4.5.1.6 B-field Advanced CC - Wait

Table D.104: B-field Advanced CC - Wait (Sending, PT to FT)

Prerequisite: D.42/6						
Item	**B-field Advanced CC - Wait**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0101'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value or '1111 0000 1111 0000 1111'B	
5	Spare	7.3.2.4 [4]	m		'0000 1111 0000 1111 0000 1111'B	

Table D.105: B-field Advanced CC - Wait (Receiving, FT to PT)

Prerequisite: D.43/6						
Item	**B-field Advanced CC - Wait**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'0101'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value or '1111 0000 1111 0000 1111'B	
5	Spare	7.3.2.4 [4]	m		'0000 1111 0000 1111 0000 1111'B	

D.4.5.1.7 B-field Advanced CC - Bandwidth_B request

Table D.106: B-field Advanced CC - Bandwidth_B request (Sending, PT to FT)

Prerequisite: D.42/7						
Item	**Advanced CC - Bandwidth_T request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.1.1 [10], 10.7.1.3 [10]	m		'0001'B	
2	Command	10.7.1.1 [10], 10.7.1.3 [10]	m		'1000'B	
3	FMID	7.3.2.6 [4]	m		12 bits value	
4	Spare1	7.3.2.6 [4]	m		'1111 0000 1111'B	
5	Spare2	7.3.2.6 [4]	m		'000'B	
6	M-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	
7	Spare3	7.3.2.6 [4]	m		'000'B	
8	T-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	
9	Spare4	7.3.2.6 [4]	m		'000'B	
10	M-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		cD.106-01, note	
11	Spare5	7.3.2.6 [4]	m		'000'B	
12	T-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	

cD.106-01: IF (D.106/4 = '00000'B AND D.106/6 = '00000'B AND D.106/10 = '00000'B):
THEN '00000'B .. '00101'B (reason for the requested suspension/stay alive);
ELSE '00001'B .. '10111'B (bandwidth values).

NOTE: The value '00000'B shall not be used for backwards compatibility. If received, it shall be understand as "Suspension reason unknown".

Table D.107: B-field Advanced CC - Bandwidth_B request (Receiving, FT to PT)

Prerequisite: D.43/7						
Item	**Advanced CC - Bandwidth_T request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.1.1 [10], 10.7.1.3 [10]	m		'0001'B	
2	Command	10.7.1.1 [10], 10.7.1.3 [10]	m		'1000'B	
3	FMID	7.3.2.6 [4]	m		12 bits value	
4	Spare1	7.3.2.6 [4]	m		'1111 0000 1111'B	
5	Spare2	7.3.2.6 [4]	m		'000'B	
6	M-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	
8	T-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	
9	Spare4	7.3.2.6 [4]	m		'000'B	
10	M-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		cD.107-01	
11	Spare5	7.3.2.6 [4]	m		'000'B	
12	T-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B	
cD.107-01: IF (D.107/4 = '00000'B AND D.107/6 = '00000'B AND D.107/10 = '00000'B): THEN '00001'B .. '00100'B (reason for the requested suspension); ELSE '00001'B .. '10111'B (bandwidth values).						

D.4.5.1.8 B-field Advanced CC - Bandwidth_B confirm

Table D.108: B-field Advanced CC - Bandwidth_B confirm (Sending, PT to FT)

Prerequisite: D.42/8						
Item	**Advanced CC - Bandwidth_T confirm**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.1.1 [10], 10.7.1.3 [10]	m		'0001'B	
2	Command	10.7.1.1 [10], 10.7.1.3 [10]	m		'1001'B	
3	FMID	7.3.2.6 [4]	m		12 bits value	
4	Spare1	7.3.2.6 [4]	m		'1111 0000 1111'B	
5	Spare2	7.3.2.6 [4]	m		'000'B	
4	M-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
7	Spare3	7.3.2.6 [4]	m		'000'B	
6	T-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
9	Spare4	7.3.2.6 [4]	m		'000'B	
8	M-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
11	Spare5	7.3.2.6 [4]	m		'000'B	
10	T-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
NOTE: The bandwidth value 0 is used to confirm either a connection suspension.						

Table D.109: B-field Advanced CC - Bandwidth_B confirm (Receiving, FT to PT)

Prerequisite: D.43/8						
Item	**Advanced CC - Bandwidth_T confirm**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_T header	10.7.1.1 [10], 10.7.1.3 [10]	m		'0001'B	
2	Command	10.7.1.1 [10], 10.7.1.3 [10]	m		'1001'B	
3	Spare1	7.2.5.3.9 [4]	m		'000'B	
3	FMID	7.3.2.6 [4]	m		12 bits value	
4	Spare1	7.3.2.6 [4]	m		'1111 0000 1111'B	
5	Spare2	7.3.2.6 [4]	m		'000'B	
4	M-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
7	Spare3	7.3.2.6 [4]	m		'000'B	
6	T-up	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
9	Spare4	7.3.2.6 [4]	m		'000'B	
8	M-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
11	Spare5	7.3.2.6 [4]	m		'000'B	
10	T-down	9.4.3 [10], 10.7.1.1 [10], 10.7.1.3 [10]	m		'00000'B, '00001'B .. '10111'B, note	
NOTE: The bandwidth value 0 is used to confirm either a connection suspension or a stay alive procedure.						

D.4.5.1.9 B-field Advanced CC - Channel_list

Table D.110: B-field Advanced CC - Channel_list (Sending, PT to FT)

Prerequisite: D.42/9						
Item	**B-field Advanced CC - Channel List**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10.1.3 [10], 10.10.2 [10]	m		'X001'B	
2	Command	10.10.1.3 [10], 10.10.2 [10]	m		'1010'B	
3	RPN	10.10.1.3 [10], 10.10.2 [10]	m		8 bits value	
4	1st: Command	10.10.1.3 [10], 10.10.2 [10]	m		cD.110-01	
5	1st: S/D-flag	10.10.1.3 [10], 10.10.2 [10]	m		'0'B, '1'B	
6	1st: Slot number	10.10.1.3 [10], 10.10.2 [10]	m		'0000'B .. '1011'B	
7	1st: Start position	10.10.1.3 [10], 10.10.2 [10]	m		'00'B	
8	1st: Carrier number	10.10.1.3 [10], 10.10.2 [10]	m		'000000'B .. '001001'B	
9	2nd: Command	10.10.1.3 [10], 10.10.2 [10]	m		cD.110-01	
10	2nd: S/D-flag	10.10.1.3 [10], 10.10.2 [10]	m		'0'B, '1'B	
11	2nd: Slot number	10.10.1.3 [10], 10.10.2 [10]	m		'0000'B .. '1011'B	
12	2nd: Start position	10.10.1.3 [10], 10.10.2 [10]	m		'00'B	
13	2nd: Carrier number	10.10.1.3 [10], 10.10.2 [10]	m		'000000'B .. '100001'B	
14	3rd: Command	10.10.1.3 [10], 10.10.2 [10]	m		cD.110-01	
15	3rd: S/D-flag	10.10.1.3 [10], 10.10.2 [10]	m		'0'B, '1'B	
16	3rd: Slot number	10.10.1.3 [10], 10.10.2 [10]	m		'0000'B .. '1011'B	
17	3rd: Start position	10.10.1.3 [10], 10.10.2 [10]	m		'00'B	
18	3rd: Carrier number	10.10.1.3 [10], 10.10.2 [10]	m		'000000'B .. '100001'B	
cD.110-01: IF D.3/16 THEN '001'B; ELSE IF D.3/17 THEN '000'B, '110'B, '111'B; ELSE n/a.						

Table D.111: B-field Advanced CC - Channel_list (Receiving, FT to PT)

Prerequisite: D.43/9						
Item	**B-field Advanced CC - Channel List**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10.1.3 [10], 10.10.2 [10]	m		'X001'B	
2	Command	10.10.1.3 [10], 10.10.2 [10]	m		'1010'B	
3	RPN	10.10.1.3 [10], 10.10.2 [10]	m		8 bits value	
4	1st: Command	10.10.1.3 [10], 10.10.2 [10]	m		cD.111-01	
5	1st: S/D-flag	10.10.1.3 [10], 10.10.2 [10]	m		'0'B, '1'B	
6	1st: Slot number	10.10.1.3 [10], 10.10.2 [10]	m		'0000'B .. '1011'B	
7	1st: Start position	10.10.1.3 [10], 10.10.2 [10]	m		'00'B	
8	1st: Carrier number	10.10.1.3 [10], 10.10.2 [10]	m		'000000'B .. '001001'B	
9	2nd: Command	10.10.1.3 [10], 10.10.2 [10]	m		cD.111-01	
10	2nd: S/D-flag	10.10.1.3 [10], 10.10.2 [10]	m		'0'B, '1'B	
11	2nd: Slot number	10.10.1.3 [10], 10.10.2 [10]	m		'0000'B .. '1011'B	
12	2nd: Start position	10.10.1.3 [10], 10.10.2 [10]	m		'00'B, '10'B	
13	2nd: Carrier number	10.10.1.3 [10], 10.10.2 [10]	m		'000000'B .. '100000'B	
14	3rd: Command	10.10.1.3 [10], 10.10.2 [10]	m		cD.111-01	
15	3rd: S/D-flag	10.10.1.3 [10], 10.10.2 [10]	m		'0'B, '1'B	
16	3rd: Slot number	10.10.1.3 [10], 10.10.2 [10]	m		'0000'B .. '1011'B	
17	3rd: Start position	10.10.1.3 [10], 10.10.2 [10]	m		'00'B, '10'B	
18	3rd: Carrier number	10.10.1.3 [10], 10.10.2 [10]	m		'000000'B .. '100000'B	
cD.111-01: IF D.3/16 THEN '001'B; ELSE IF D.3/17 THEN '000'B, '110'B, '111'B; ELSE n/a.						

D.4.5.1.10 B-field Advanced CC - Unconfirmed_handover

Table D.112: B-field Advanced CC - Unconfirmed_handover (Sending, PT to FT)

Prerequisite: D.42/10						
Item	**B-field Advanced CC - Bearer confirm**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'1011'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		4 bits value	
6	LBN	10.10 [10]	m		4 bits value	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		3 bits value	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.3 [4]	m		'1111'B	

Table D.113: B-field Advanced CC - Unconfirmed_handover (Receiving, FT to PT)

Prerequisite: D.43/10						
Item	**B-field Advanced CC - Bearer confirm**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.10 [10]	m		'X001'B	
2	Command	10.10 [10]	m		'1011'B	
3	FMID	10.10 [10]	m		12 bits value	
4	PMID	10.10 [10]	m		20 bits value	
5	ECN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
6	LBN	10.10 [10]	m		'0000'B,'0001'B, '0010'B, '0100'B	
7	up/down/ss/sm	10.10 [10]	m		'11'B	
8	Service type	10.10 [10]	m		'010'B, '011'B, '110'B, '111'B	
9	Maximum lifetime	10.10 [10]	m		'000'B,'001'B, '010'B, '100'B	
10	Slot type	10.10 [10]	m		'0000'B	
11	Spare	7.3.2.3 [4]	m		'1111'B	

D.4.5.1.11 B-field Advanced CC - Release

Table D.114: B-field Advanced CC - Release (Sending, PT to FT)

Prerequisite: D.42/11						
Item	**B-field Advanced CC - Release**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.11 [10]	m		'X001'B	
2	Command	10.11 [10]	m		'1111'B	
3	FMID	10.11 [10]	m		12 bits value	
4	PMID	10.11 [10]	m		20 bits value	
5	Spare1	7.3.2.10 [4]	m		'0000'B	
6	LBN	10.11 [10]	m		4 bits value	
7	Spare2	7.3.2.10 [4]	m		'0000 1111'B	
8	Reason	10.11 [10]	m		'0000 0001'B, '0000 0010'B, '0000 0011'B, '0000 0100'B, '0000 1011'B	

Table D.115: B-field Advanced CC - Release (Receiving, FT to PT)

Prerequisite: D.43/11						
Item	**B-field Advanced CC - Release**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.11 [10]	m		'X001'B	
2	Command	10.11 [10]	m		'1111'B	
3	FMID	10.11 [10]	m		12 bits value	
4	PMID	10.11v	m		20 bits value	
5	Spare1	7.3.2.10 [4]	m		'0000'B	
6	LBN	10.11 [10]	m		4 bits value	
7	Spare2	7.3.2.10 [4]	m		'0000 1111'B	
8	Reason	10.11 [10]	m		'0000 0001'B, '0000 0010'B, '0000 0011'B, '0000 0100'B, '0000 1011'B	

D.4.5.2 B-field - Quality control messages

D.4.5.2.1 B-field QC - Antenna switch single bearer request/reject

Table D.116: B-field QC - Antenna switch single bearer request (Sending, PT to FT)

Prerequisite: D.44/1						
Item	**B-field QC - Antenna switch single bearer request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0000'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	LBN	10.16.4 [10]	m		4 bits value	
6	LBN	10.16.4 [10]	m		4 bits value	
7	LBN	10.16.4 [10]	m		4 bits value	
8	LBN	10.16.4 [10]	m		4 bits value	
9	Spare1	10.16.4 [10]	m		'0000 1111'B	

Table D.117: B-field QC - Antenna switch single bearer reject (Receiving, FT to PT)

Prerequisite: D.45/1						
Item	**B-field QC - Antenna switch single bearer reject**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0000'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	LBN	10.16.4 [10]	m		4 bits value	
6	LBN	10.16.4 [10]	m		4 bits value	
7	LBN	10.16.4 [10]	m		4 bits value	
8	LBN	10.16.4 [10]	m		4 bits value	
9	Spare1	10.16.4 [10]	m		'0000 1111'B	

D.4.5.2.2 B-field QC - Antenna switch all bearers request/reject

Table D.118: B-field QC - Antenna switch all bearers request (Sending, PT to FT)

Prerequisite: D.44/2						
Item	**B-field QC - Antenna switch all bearers request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0001'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	RPN	10.16.4 [10]	m		8 bits value	
6	Param_2	10.16.4 [10]	m		'0000 1111'B	
7	Spare1	10.16.4 [10]	m		'0000 1111'B	

Table D.119: B-field QC - Antenna switch all bearers reject (Receiving, FT to PT)

Prerequisite: D.45/2						
Item	**B-field QC - Antenna switch all bearers reject**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0001'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	RPN	10.16.4 [10]	m		8 bits value	
6	Param_2	10.16.4 [10]	m		'0000 1111'B	
7	Spare1	10.16.4 [10]	m		'0000 1111'B	

D.4.5.2.3 B-field QC - Bearer handover reject/request

Table D.120: B-field QC - Bearer handover reject (Sending, PT to FT)

Prerequisite: D.44/3						
Item	**B-field QC - Bearer handover reject**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0010'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	Spare0	10.16.4 [10]	m		'0000'B	
6	LBN	10.16.4 [10]	m		4 bits value	
7	LBN	10.16.4 [10]	m		4 bits value	
8	LBN	10.16.4 [10]	m		4 bits value	
9	Spare1	10.16.4 [10]	m		'0000 1111'B	

Table D.121: B-field QC - Bearer handover request (Receiving, FT to PT)

Prerequisite: D.45/3						
Item	**B-field QC - Bearer handover request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0010'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	Spare0	10.16.4 [10]	m		'0000'B	
6	LBN	10.16.4 [10]	m		4 bits value	
7	LBN	10.16.4 [10]	m		4 bits value	
8	LBN	10.16.4 [10]	m		4 bits value	
9	Spare1	10.16.4 [10]	m		'0000 1111'B	

Table D.122: B-field QC - Bearer handover request (Sending, PT to FT)

Prerequisite: D.44/4						
Item	**B-field QC - Bearer handover reject**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0010'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	Spare0	10.16.4 [10]	m		'1111'B	
6	LBN	10.16.4 [10]	m		4 bits value	
7	LBN	10.16.4 [10]	m		4 bits value	
8	LBN	10.16.4 [10]	m		4 bits value	
9	Spare1	10.16.4 [10]	m		'0000 1111'B	

Table D.123: B-field QC - Bearer handover reject (Receiving, FT to PT)

Prerequisite: D.45/4						
Item	**B-field QC - Bearer handover request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0010'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	Spare0	10.16.4 [10]	m		'1111'B	
6	LBN	10.16.4 [10]	m		4 bits value	
7	LBN	10.16.4 [10]	m		4 bits value	
8	LBN	10.16.4 [10]	m		4 bits value	
9	Spare1	10.16.4 [10]	m		'0000 1111'B	

D.4.5.2.4 B-field QC - Connection handover reject/request

Table D.124: B-field QC - Connection handover reject (Sending, PT to FT)

Prerequisite: D.44/5						
Item	**B-field QC - Connection handover reject**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0011'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	Param_1	10.16.4 [10]	m		'0000 1111'B	
6	Param_2	10.16.4 [10]	m		'0000 1111'B	
7	Spare1	10.16.4 [10]	m		'0000 1111'B	

Table D.125: B-field QC - Connection handover request (Receiving, FT to PT)

Prerequisite: D.45/5						
Item	**B-field QC - Connection handover request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0011'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	Param_1	10.16.4 [10]	m		'0000 1111'B	
6	Param_2	10.16.4 [10]	m		'0000 1111'B	
7	Spare1	10.16.4 [10]	m		'0000 1111'B	

D.4.5.2.5 B-field QC - Frequency control single bearer reject/request

Table D.126: B-field QC - Frequency control single bearer reject (Sending, PT to FT)

Prerequisite: D.44/6						
Item	**B-field QC - Frequency control single bearer reject**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0100'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	Spare0	10.16.4 [10]	m		'0000'B	
6	LBN	10.16.4 [10]	m		4 bits value	
7	Frequency error	10.16.4 [10]	m		8 bits signed value	
8	Spare1	10.16.4 [10]	m		'0000 1111'B	

Table D.127: B-field QC - Frequency control single bearer request (Receiving, FT to PT)

Prerequisite: D.45/6						
Item	**B-field QC - Frequency control single bearer request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0100'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	Spare0	10.16.4 [10]	m		'0000'B	
6	LBN	10.16.4 [10]	m		4 bits value	
7	Frequency error	10.16.4 [10]	m		8 bits signed value	
8	Spare1	10.16.4 [10]	m		'0000 1111'B	

D.4.5.2.6 B-field QC - Frequency control all bearers reject/request

Table D.128: B-field QC - Frequency control all bearers reject (Sending, PT to FT)

Prerequisite: D.44/7						
Item	**B-field QC - Frequency control all bearers reject**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0101'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	RPN	10.16.4 [10]	m		8 bits value	
6	Frequency error	10.16.4 [10]	m		8 bits signed value	
7	Spare	10.16.4 [10]	m		'0000 1111'B	

Table D.129: B-field QC - Frequency control all bearers request (Receiving, FT to PT)

Prerequisite: D.45/7						
Item	**B-field QC - Frequency control all bearers request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0101'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	RPN	10.16.4 [10]	m		8 bits value	
6	Frequency error	10.16.4 [10]	m		8 bits signed value	
7	Spare	10.16.4 [10]	m		'0000 1111'B	

D.4.5.2.7 B-field QC - Advance timing all bearers reject/request

Table D.130: B-field QC - Advance timing all bearers reject (Sending, PT to FT)

Prerequisite: D.44/8						
Item	**B-field QC - Advance timing all bearers reject**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0110'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	RPN	10.16.4 [10]	m		8 bits value	
6	Advance timing	10.16.4 [10]	m		8 bits signed value	
7	Spare1	10.16.4 [10]	m		'0000 1111'B	

Table D.131: B-field QC - Advance timing all bearers request (Receiving, FT to PT)

Prerequisite: D.45/8						
Item	**B-field QC - Advance timing all bearers request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0110'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	RPN	10.16.4 [10]	m		8 bits value	
6	Advance timing	10.16.4 [10]	m		8 bits signed value	
7	Spare1	10.16.4 [10]	m		'0000 1111'B	

D.4.5.2.8 B-field QC - Send prolonged preamble request

Table D.132: B-field QC - Send prolonged preamble request (Sending, PT to FT)

Prerequisite: D.44/9						
Item	**B-field QC - Send prolonged preamble request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0111'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	RPN	10.16.4 [10]	m		8 bits value	
6	Param_2	10.16.4 [10]	m		'0000 0000'B	
7	Spare1	10.16.4 [10]	m		'0000 1111'B	

Table D.133: B-field QC - Send prolonged preamble request (Receiving, FT to PT)

Prerequisite: D.45/9						
Item	**B-field QC - Send prolonged preamble request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0111'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	RPN	10.16.4 [10]	m		8 bits value	
6	Param_2	10.16.4 [10]	m		'0000 1111'B	
7	Spare1	10.16.4 [10]	m		'0000 1111'B	

D.4.5.2.9 B-field QC - Transmit prolonged preamble confirm

Table D.134: B-field QC - Transmit prolonged preamble confirm (Sending, PT to FT)

Prerequisite: D.44/10						
Item	**B-field QC - Transmit prolonged preamble confirm**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0111'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	RPN	10.16.4 [10]	m		8 bits value	
6	Param_2	10.16.4 [10]	m		'0000 1111'B	
7	Spare1	10.16.4 [10]	m		'0000 1111'B	

Table D.135: B-field QC - Transmit prolonged preamble confirm (Receiving, FT to PT)

Prerequisite: D.45/10						
Item	**B-field QC - Transmit prolonged preamble confirm**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'0111'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	RPN	10.16.4 [10]	m		8 bits value	
6	Param_2	10.16.4 [10]	m		'0000 0000'B	
7	Spare1	10.16.4 [10]	m		'0000 1111'B	

D.4.5.2.10 B-field QC - Frequency replacement request/confirm

Table D.136: B-field QC - Frequency replacement request (Sending, PT to FT)

Prerequisite: D.44/11						
Item	**B-field QC - Frequency replacement request**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'1000'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	First half param_1	10.16.4 [10]	m		'0000'B	
6	Second half param_1 (slot number)	10.16.4 [10]	m		'0000'B .. '1011'B	
7	Spare0a	10.16.4 [10]	m		'0000'B	
8	Carrier number	10.16.4 [10]	m		'000000'B .. '100000'B	
9	Spare1	10.16.4 [10]	m		'0000 1111'B	

Table D.137: B-field QC - Frequency replacement confirm (Receiving, FT to PT)

Prerequisite: D.45/11						
Item	**B-field QC - Frequency replacement confirm**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'1000'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	First half param_1	10.16.4 [10]	m		'0000'B	
6	Second half param_1 (slot number)	10.16.4 [10]	m		'0000'B .. '1011'B	
7	Spare0a	10.16.4 [10]	m		'0000'B	
8	Carrier number	10.16.4 [10]	m		'000000'B .. '100000'B	
9	Spare1	10.16.4 [10]	m		'0000 1111'B	

D.4.5.2.11 B-field QC - Frequency replacement grant

Table D.138: B-field QC - Frequency replacement grant (Sending, PT to FT)

Prerequisite: D.44/12						
Item	**B-field QC - Frequency replacement grant**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	10.16.4 [10]	m		'X011'B	
2	Command	10.16.4 [10]	m		'1000'B	
3	FMID	10.16.4 [10]	m		12 bits value	
4	PMID	10.16.4 [10]	m		20 bits value	
5	First half param_1	10.16.4 [10]	m		'0001'B	
6	Second half param_1 (slot number)	10.16.4 [10]	m		'0000'B .. '1011'B	
7	Spare0a	10.16.4 [10]	m		'0000'B	
8	Carrier number	10.16.4 [10]	m		'000000'B .. '100000'B	
9	Spare1	10.16.4 [10]	m		'0000 1111'B	

D.4.5.2.12 B-field QC - Reset request first TDMA half frame

Table D.139: B-field QC - Reset request first TDMA half frame (Sending, PT to FT)

Prerequisite: D.44/12						
Item	**B-field QC - Reset request first TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.1 [4]	m		12 bits value	
4	PMID	7.3.4.1 [4]	m		20 bits value	
5	Control	7.3.4.1 [4]	m		'0001'B	
6	LBN	7.3.4.1 [4]	m		4 bits value	
7	Spare1	7.3.4.1 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.1 [4]	m		'0000 1111'B	

Table D.140: B-field QC - Reset request first TDMA half frame (Receiving, FT to PT)

Prerequisite: D.45/11						
Item	**B-field QC - Reset request first TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.1 [4]	m		12 bits value	
4	PMID	7.3.4.1 [4]	m		20 bits value	
5	Control	7.3.4.1 [4]	m		'0001'B	
6	LBN	7.3.4.1 [4]	m		4 bits value	
7	Spare1	7.3.4.1 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.1 [4]	m		'0000 1111'B	

D.4.5.2.13 B-field QC - Reset request second TDMA half frame

Table D.141: B-field QC - Reset request second TDMA half frame (Sending, PT to FT)

Prerequisite: D.44/13						
Item	**B-field QC - Reset request second TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.1 [4]	m		12 bits value	
4	PMID	7.3.4.1 [4]	m		20 bits value	
5	Control	7.3.4.1 [4]	m		'0010'B	
6	LBN	7.3.4.1 [4]	m		4 bits value	
7	Spare1	7.3.4.1 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.1 [4]	m		'0000 1111'B	

Table D.142: B-field QC - Reset request second TDMA half frame (Receiving, FT to PT)

Prerequisite: D.45/12						
Item	**B-field QC - Reset request second TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.1 [4]	m		12 bits value	
4	PMID	7.3.4.1 [4]	m		20 bits value	
5	Control	7.3.4.1 [4]	m		'0010'B	
6	LBN	7.3.4.1 [4]	m		4 bits value	
7	Spare1	7.3.4.1 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.1 [4]	m		'0000 1111'B	

D.4.5.2.14 B-field QC - Reset request both TDMA half frames

Table D.143: B-field QC - Reset request both TDMA half frame (Sending, PT to FT)

Prerequisite: D.44/14						
Item	**B-field QC - Reset request both TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.1 [4]	m		12 bits value	
4	PMID	7.3.4.1 [4]	m		20 bits value	
5	Control	7.3.4.1 [4]	m		'0011'B	
6	LBN	7.3.4.1 [4]	m		4 bits value	
7	Spare1	7.3.4.1 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.1 [4]	m		'0000 1111'B	

Table D.144: B-field QC - Reset request both TDMA half frame (Receiving, FT to PT)

Prerequisite: D.45/13						
Item	**B-field QC - Reset request both TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.3 [4]	m		12 bits value	
4	PMID	7.3.4.3 [4]	m		20 bits value	
5	Control	7.3.4.3 [4]	m		'0011'B	
6	LBN	7.3.4.3 [4]	m		4 bits value	
7	Spare1	7.3.4.3 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.3 [4]	m		'0000 1111'B	

D.4.5.2.15 B-field QC - Reset confirm first TDMA half frame

Table D.145: B-field QC - Reset confirm first TDMA half frame (Sending, PT to FT)

Prerequisite: D.44/15						
Item	**B-field QC - Reset confirm first TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.3 [4]	m		12 bits value	
4	PMID	7.3.4.3 [4]	m		20 bits value	
5	Control	7.3.4.3 [4]	m		'0101'B	
6	LBN	7.3.4.3 [4]	m		4 bits value	
7	Spare1	7.3.4.3 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.3 [4]	m		'0000 1111'B	

Table D.146: B-field QC - Reset confirm first TDMA half frame (Receiving, FT to PT)

Prerequisite: D.45/14						
Item	**B-field QC - Reset confirm first TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.3 [4]	m		12 bits value	
4	PMID	7.3.4.3 [4]	m		20 bits value	
5	Control	7.3.4.3 [4]	m		'0101'B	
6	LBN	7.3.4.3 [4]	m		4 bits value	
7	Spare1	7.3.4.3 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.3 [4]	m		'0000 1111'B	

D.4.5.2.16 B-field QC - Reset confirm second TDMA half frame

Table D.147: B-field QC - Resetconfirm second TDMA half frame (Sending, PT to FT)

Prerequisite: D.44/16						
Item	**B-field QC - Reset confirm second TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.3 [4]	m		12 bits value	
4	PMID	7.3.4.3 [4]	m		20 bits value	
5	Control	7.3.4.3 [4]	m		'0110'B	
6	LBN	7.3.4.3 [4]	m		4 bits value	
7	Spare1	7.3.4.3 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.3 [4]	m		'0000 1111'B	

Table D.148: B-field QC - Resetconfirm second TDMA half frame (Receiving, FT to PT)

Prerequisite: D.45/15						
Item	**B-field QC - Reset confirm second TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.3 [4]	m		12 bits value	
4	PMID	7.3.4.3 [4]	m		20 bits value	
5	Control	7.3.4.3 [4]	m		'0110'B	
6	LBN	7.3.4.3 [4]	m		4 bits value	
7	Spare1	7.3.4.3 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.3 [4]	m		'0000 1111'B	

D.4.5.2.17 B-field QC - Reset confirm both TDMA half frames

Table D.149: B-field QC - Reset confirm both TDMA half frame (Sending, PT to FT)

Prerequisite: D.44/17						
Item	**B-field QC - Reset confirm both TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.3 [4]	m		12 bits value	
4	PMID	7.3.4.3 [4]	m		20 bits value	
5	Control	7.3.4.3 [4]	m		'0111'B	
6	LBN	7.3.4.3 [4]	m		4 bits value	
7	Spare1	7.3.4.3 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.3 [4]	m		'0000 1111'B	

Table D.150: B-field QC - Reset confirm both TDMA half frame (Receiving, FT to PT)

Prerequisite: D.45/16						
Item	**B-field QC - Reset confirm both TDMA half frame**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1110'B	
3	FMID	7.3.4.3 [4]	m		12 bits value	
4	PMID	7.3.4.3 [4]	m		20 bits value	
5	Control	7.3.4.3 [4]	m		'0111'B	
6	LBN	7.3.4.3 [4]	m		4 bits value	
7	Spare1	7.3.4.3 [4]	m		'0000 1111'B	
8	Spare2	7.3.4.3 [4]	m		'0000 1111'B	

D.4.5.2.18 B-field QC - MOD2 ACK

Table D.151: B-field QC - MOD2 ACK (Sending, PT to FT)

Prerequisite: D.44/18						
Item	**B-field QC - MOD2 ACK**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1111'B	
3	First half of TDMA frame - LBN1 to LBN14 Q1/BCK and Q2/ACK	7.3.4.4 [4]	m		28 bits value	
4	Second half of TDMA frame - LBN1 to LBN14 Q1/BCK and Q2/ACK	7.3.4.4 [4]	m		28 bits value	

Table D.152: B-field QC - MOD2 ACK (Receiving, FT to PT)

Prerequisite: D.45/17						
Item	**B-field QC - MOD2 ACK**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X011'B	
2	Command	7.3.4.1 [4]	m		'1111'B	
3	First half of TDMA frame - LBN1 to LBN14 Q1/BCK and Q2/ACK	7.3.4.4 [4]	m		28 bits value	
4	Second half of TDMA frame - LBN1 to LBN14 Q1/BCK and Q2/ACK	7.3.4.4 [4]	m		28 bits value	

D.4.5.3 B-field - Extended system information messages

D.4.5.3.1 B-field - TARI message

Table D.153: B-field - TARI message (Sending, PT to FT)

Prerequisite: D.46/1						
Item	**B - Field - TARI message a**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X100'B	
2	Command	7.3.5.1 [4]	m		'0000'B	
3	TARI field	7.3.5.2 [4]	m		36 bits value	
4	Spare1	7.3.5.2 [4]	m		'1111'B	
5	Spare2	7.3.5.2 [4]	m		'0000 1111 0000 1111'B	

Table D.154: B-field - ES TARI message (Receiving, FT to PT)

Prerequisite: D.46/2						
Item	**B - Field - TARI message a**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X100'B	
2	Command	7.3.5.1 [4]	m		'0000'B	
3	TARI field	7.3.5.2 [4]	m		36 bits value	
4	Spare1	7.3.5.2 [4]	m		'1111'B	
5	Spare2	7.3.5.2 [4]	m		'0000 1111 0000 1111'B	

D.4.5.4 B-field - G_F-channel data packet messages

D.4.5.4.1 B-field - G_F-No C_F data in the B-field

Table D.155: B-field - G_F-No C_F data in the B-field (Sending, PT to FT)

Prerequisite: D.48/1						
Item	**B-field - G_F-No C_F data in the B-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0000'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

Table D.156: B-field - G_F-No C_F data in the B-field (Receiving, FT to PT)

Prerequisite: D.49/1						
Item	**B-field - G_F-No C_F data in the B-field**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0000'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

D.4.5.4.2 B-field - G_F-One B-subfield contains C_F data

Table D.157: B-field - G_F-One B-subfield contains C_F data (Sending, PT to FT)

Prerequisite: D.48/2						
Item	**B-field - G_F-One B-subfield contains C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0001'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

Table D.158: B-field - G_F-One B-subfield contains C_F data (Receiving, FT to PT)

Prerequisite: D.49/2						
Item	**B-field - G_F-One B-subfield contains C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0001'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

D.4.5.4.3 B-field - G_F-Two B-subfields contain C_F data

Table D.159: B-field - G_F-Two B-subfields contain C_F data (Sending, PT to FT)

Prerequisite: D.48/3						
Item	**B-field - G_F-Two B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0010'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

Table D.160: B-field - G_F-Two B-subfields contain C_F data (Receiving, FT to PT)

Prerequisite: D.49/3						
Item	**B-field - G_F-Two B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0010'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

D.4.5.4.4 B-field - G_F-Three B-subfields contain C_F data

Table D.161: B-field - G_F-Three B-subfields contain C_F data (Sending, PT to FT)

Prerequisite: D.48/4						
Item	**B-field - G_F-Three B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0011'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

Table D.162: B-field - G_F-Three B-subfields contain C_F data (Receiving, FT to PT)

Prerequisite: D.49/4						
Item	**B-field - G_F-Three B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0011'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

D.4.5.4.5 B-field - G_F-Four B-subfields contain C_F data

Table D.163: B-field - G_F-Four B-subfields contain C_F data (Sending, PT to FT)

Prerequisite: D.48/5						
Item	**B-field - G_F-Four B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0100'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

Table D.164: B-field - G_F-Four B-subfields contain C_F data (Receiving, FT to PT)

Prerequisite: D.49/5						
Item	**B-field - G_F-Four B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0100'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

D.4.5.4.6 B-field - G_F-Five B-subfields contain C_F data

Table D.165: B-field - G_F-Five B-subfields contain C_F data (Sending, PT to FT)

Prerequisite: D.48/6						
Item	**B-field - G_F-Five B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0101'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

Table D.166: B-field - G_F-Five B-subfields contain C_F data (Receiving, FT to PT)

Prerequisite: D.49/6						
Item	**B-field - G_F-Five B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0101'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

D.4.5.4.7 B-field - G_F-Six B-subfields contain C_F data

Table D.167: B-field - G_F-Six B-subfields contain C_F data (Sending, PT to FT)

Prerequisite: D.48/7						
Item	**B-field - G_F-Six B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0110'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

Table D.168: B-field - G_F-Six B-subfields contain C_F data (Receiving, FT to PT)

Prerequisite: D.49/7						
Item	**B-field - G_F-Six B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0110'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

D.4.5.4.8 B-field - G_F-Seven B-subfields contain C_F data

Table D.169: B-field - G_F-Seven B-subfields contain C_F data (Sending, PT to FT)

Prerequisite: D.48/8						
Item	**B-field - G_F-Seven B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0111'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

Table D.170: B-field - G_F-Seven B-subfields contain C_F data (Receiving, FT to PT)

Prerequisite: D.49/8						
Item	**B-field - G_F-Seven B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'0111'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

D.4.5.4.9 B-field - G_F-Eight B-subfields contain C_F data

Table D.171: B-field - G_F-Eight B-subfields contain C_F data (Sending, PT to FT)

Prerequisite: D.48/9						
Item	**B-field - G_F-Eight B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'1000'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

Table D.172: B-field - G_F-Eight B-subfields contain C_F data (Receiving, FT to PT)

Prerequisite: D.49/9						
Item	**B-field - G_F-Eight B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'1000'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

D.4.5.4.10 B-field - G_F-Nine B-subfields contain C_F data

Table D.173: B-field - G_F-NineB-subfields contain C_F data (Sending, PT to FT)

Prerequisite: D.48/10						
Item	**B-field - G_F-Nine B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'1001'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

Table D.174: B-field - G_F-NineB-subfieldscontain C_F data (Receiving, FT to PT)

Prerequisite: D.49/10						
Item	**B-field - G_F-Nine B-subfields contain C_F data**	**Reference**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M_{Bn} header	7.3.1 [4]	m		'X101'B	
2	NCF	7.3.6 [4]	m		'1001'B	
3	G_F channel SDU	7.3.6 [4]	m		56 bits value	

D.5 Protocol parameters

D.5.1 Timers and constants support

Table D.175: Timers and constants

Item	Timers and constants	Reference	Status	Support	Value Allowed	Value Supported
1	T200	A.1 [4]	m		3 s	
2	T201	A.1 [4]	m		5 s	
3	T202	A.1 [4]	n/a		3 s	
4	T203	A.1 [4]	m		16 frames	
5	T204	A.1 [4]	m		6 multi-frames	
6	T205	A.1 [4]	m		10 s	
7	T206	A.1 [4]	o		10 frames	
8	T207	A.1 [4]	n/a		5 s	
9	T208	A.1 [4]	n/a		20 s	
10	T209	A.1 [4]	o		30 s	
11	T210	A.1 [4]	o		2 s	
12	T211	A.1 [4]	m		3 s	
13	T212	A.1 [4]	cD.175-01		20 frames	
14	T213	A.1 [4]	cD.175-02		20 frames	
15	T214	A.1 [4]	m		20 frames	
16	T215	A.1 [4]	n/a		6 multi-frames	
17	T216	A.1 [4]	n/a		8 multi-frames	
18	T217	A.1 [4]	o		300 ms	
19	T218	A.1 [4]	cD.175-03		3 s	
20	N200	A.2 [4]	o		10	
21	N201	A.2 [4]	n/a		15	
22	N202	A.2 [4]	o		10	
23	N203	A.2 [4]	n/a		6	
24	N204	A.2 [4]	o		5	
25	N205	A.2 [4]	o		6	
26	N206	A.2 [4]	m		12	
27	N207	A.2 [4]	m		4	
cD.175-01: IF D.3/17 THEN m ELSE x. cD.175-02: IF D.3/19 THEN m ELSE x. cD.175-03: IF D.17/2 OR D.17/3 THEN m ELSE x.						

D.5.2 Slot types

Table D.176: Slot types

Item	Slot types	Reference	Status	Support
1	Short slot	6.2.1 [4], 10.1.2 [10]	m	
2	Full slot	6.2.1 [4], 10.1.2 [10]	m	

Annex E (normative): Ethernet ASAP - PHY layer ICS Proforma for PT

E.1 Global statement of conformance

An explicit answer shall be entered, in each of the support or column boxes provided, using the notation described in clause 5.3.

Table E.1: Global statement of conformance

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, on pages attached to the ICS proforma.

E.2 Capabilities

E.2.1 PHY layer services

Table E.2: RFP Services

Item	Name of Service	Reference	Status	Support
1	10 RF Carriers implemented	4.1.1 [3]	m	
2	Centre Freq of each is as defined in 4.1.1	4.1.1 [3]	m	
3	RF carrier accuracy is Fc ± 50 kHz	4.1.2 [3]	m	
4	RF carrier rate of change < 15 kHz per slot	4.1.2 [3]	m	
5	Reference timer stability and accuracy better than 10 ppm at extreme conditions	4.2.2 [3]	m	
6	Multi channel RFP	4.2.2 [3]	o	
7	Reference timer stability and accuracy better than 5 ppm	4.2.2 [3]	cE.2-01	
8	RFP jitter of a packet transmission < ±1 µs at extreme conditions	4.2.3 [3]	m	
9	Jitter between p0 and every other bit in a packet within ±0,1 µs	4.2.3 [3]	m	
10	RFP's on same FP with handover provided	4.2.5 [3]	o	
11	System synchronization between RFP's on same FP: difference between reference timers < 4 µs	4.2.5 [3]	cE.2-02	
12	Inter system synchronization using synchronization port	4.2.6 [3], annex C [3]	o	
cE.2-01: IF E.2/6 THEN m ELSE n/a. cE.2-02: IF E.2/10 THEN m ELSE n/a.				

E.2.2 PHY layer procedures

E.2.2.1 Physical layer procedures

Table E.3: Physical channels

Item	Procedure name	Reference	Status	Support
1	Short physical channel R00	10.1 [9], 11.1 [9]	m	
2	Basic physical channel R32	10.1 [9], 11.1 [9]	m	

Table E.4: PH layer procedures

Item	Procedure name	Reference	Status	Support
1	Addition of synchronization (S) field and transmission	8.1 [3]	m	
2	Addition of Z-field	11.4 [9]	m	
3	Packet reception and removal of synchronization (S) field	8.2 [3]	m	
4	Receipt of Z-field	11.4 [9]	m	
5	Measurement of signalling strength	8.3 [10]	m	
6	Synchronization pulse detection	8.4 [10]	m	
7	Timing adjustment	8.5 [10]	o	
8	Frequency adjustment	8.6 [10]	o	
9	Sliding collision detection	8.2 [10]	m	
10	Basic physical channel R32 management	10.1 [9], 11.1 [9]	m	

E.2.2.2 Management entity procedures

Table E.5: Management procedures

Item	Procedure name	Reference	Status	Support
1	List of quietest physical channels	9.1 [3]	m	
2	Physical channels with greatest field strength (PP only)	9.2 [3]	n/a	
3	Extract timing	9.3[3]	m	

E.2.3 Protocol Data Units

Table E.6: Frame structure

Item	Structure	Reference	Status	Support
1	TDMA frame structure	10.1.1 [10]	m	

Table E.7: Allowed combinations of modulation schemes

Item	Modulation scheme	S -field	A-field	B+Z-field	Reference	Status	Support
1	1a	GFSK	GFSK	GFSK	5.2 [10]	oE.7-01	
2	1b	π/2-DBPSK	π/2-DBPSK	π/2-DBPSK	5.2 [10]	oE.7-01	
3	2	π/2-DBPSK	π/2-DBPSK	π/4-DQPSK	5.2 [10]	o	
4	3	π/2-DBPSK	π/2-DBPSK	π/8-D8PSK	5.2 [10]	o	
oE.7-01:	It is mandatory to support at least one of these options.						

Table E.8: Packet types

Item	Packet type	Reference	Status	Support
1	Short physical packet P00 transmission	4.5 [3]	m	
2	Short physical packet P00 reception	4.5 [3]	o	
3	Basic physical packet P32 transmission and reception	4.5 [3]	m	
4	Basic physical packet P64 transmission and reception	4.5 [3]	m	
5	Basic physical packet P96 transmission and reception	4.5 [3]	m	

Table E.9: P00 packet

Prerequisite: E.8/2						
Item	**P00 packet**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Synchronization field (S) preamble	4.6 [3]	o		'0101 0101 0101 0101'B	
2	Synchronization field (S) synchronization word	4.6 [3]	o		'0001 0110 0111 0101'B	
3	Data field (D)	4.7.1 [3]	o		len_b: 64 val: All	

Table E.10: P32 packet

Prerequisite: E.8/3						
Item	**P32 packet**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Synchronization field (S) preamble	4.6 [3]	m		'0101 0101 0101 0101'B	
2	Synchronization field (S) synchronization word	4.6 [3]	m		'0001 0110 0111 0101'B	
3	Data field (D)	4.7.2 [3]	m		len_b: 388 val: All	
4	Z-field	4.8 [3]	o		len_b: 4 val: Last 4 bits of the D-field	

Table E.11: P64 packet

Prerequisite: E.8/4						
Item	**P64 packet**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Synchronization field (S) preamble	4.6 [3]	m		'1010 1010 1010 1010'B	
2	Synchronization field (S) synchronization word	4.6 [3]	m		'1110 1001 1000 1010'B	
3	Data field (D)	6.2.1.3 [4]	m		len_b: 712 + f val: All, note	
4	Z-field	4.8 [3]	o		len_b: 4 val: Last 4 bits of the D-field	
NOTE: IF D.4/1 THEN f=0; ELSE IF D.4/2 THEN f = 64; ELSE IF D.4/3 THEN f = 128.						

Table E.12: P96 packet

Prerequisite: E.8/5						
Item	**P64 packet**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Synchronization field (S) preamble	4.6 [3]	m		'1010 1010 1010 1010'B	
2	Synchronization field (S) synchronization word	4.6 [3]	m		'1110 1001 1000 1010'B	
3	Data field (D)	6.2.1.3 [4]	m		len_b: 1 036 + f val: All, note	
4	Z-field	4.8 [3]	o		len_b: 4 val: Last 4 bits of the D-field	
NOTE: IF D.4/1 THEN f=0; ELSE IF D.4/2 THEN f = 64; ELSE IF D.4/3 THEN f = 128.						

E.2.4 Receiver/Transmitter characteristics

E.2.4.1 Transmitter characteristics

Table E.13: Transmitter requirements

Item	Transmitter characteristic	Reference	Status	Support
1	Transmitter Attack Time < 10 µs	5.2.1 [3]	m	
2	Transmitter Release Time < 10 µs	5.2.2 [3]	m	
3	Transmitter Minimum Power > NTP - 1 dB	5.2.3 [3]	m	
4	Transmitter Maximum Power < NTP + 1dB	5.2.4 [3]	m	
6	Maintenance of transmission power for 0,5 µs after packet end > NTP - 6 dB	5.2.5 [3]	m	
7	Transmitter Idle Power < 20 nW	5.2.6 [3]	m	
8	Peak Power Per Transceiver < 250 mW	5.3.1 [3]	m	
9	RF Carrier Modulation Gaussian Frequency Shift Keying	5.4 [3]	m	
10	Emissions Due to Modulation according to Table 1	5.5.1 Table 1 [3]	m	
11	Emissions due to Transmitter Transients according to Table 2	5.5.2 Table 2 [3]	m	
12	Emissions due to Intermodulation < 1 µW	5.5.3 [3]	m	
13	Out of Band Emissions when Transmitting	5.5.4 [3]	m	

E.2.4.2 Receiver characteristics

Table E.14: Receiver requirements

Item	Receiver characteristic	Reference	Status	Support
1	Radio Receiver Sensitivity > -83 dBm	6.2 [3]	m	
2	Receiver Reference Bit Error Rate is 0,00001 in the D-field	6.3 [3]	m	
3	Receiver Interference Performance	6.4 [3]	m	
4	Rx Blocking (out-of-band, in slot signals)	6.5.1 [3]	m	
5	Rx Blocking (in band, out-of-slot signals)	6.5.2 [3]	m	
6	Rx Intermodulation Performance	6.6 [3]	m	
7	Out of band emissions when receiving or idling	6.7.1 [3]	m	
8	In DECT band emissions when receiving or idling	6.7.2 [3]	m	

Annex F (normative): Ethernet ASAP - Management Entity ICS Proforma for PT

F.1 Global statement of conformance

An explicit answer shall be entered, in each of the support or column boxes provided, using the notation described in clause 5.3.

Table F.1: Global statement of conformance

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, on pages attached to the ICS proforma.

F.2 Capabilities

F.2.1 Management Entity features

Table F.2: Management Entity features

Prerequisite: A.2/1 OR A.2/2				
Item	**Name of feature**	**Reference**	**Status**	**Support**
1	Class 1 management **DPRS-ME.1**	6.2.5	I	N/A
2	Class 2 management **DPRS-ME.2**	6.2.5	M	

F.2.2 Management Entity procedures

Table F.3: Management Entity procedures

Item	Name of service	Reference	Status	Support
1	Logical Connection management	9.2.2 [10], 9.2.3 [10], 9.4.1 [10], 9.4.2 [10]	m	
2	Suspend management	9.3.1.2 [10], 9.3.2.2 [10]	m	
3	Resume management	9.3.1.1.2 [10], 9.3.2.1 [10]	m	
4	Stay Alive	9.4.3 [10]	m	
5	Dynamic Bandwidth management	9.3.2.3 [10]	cF.3-01	
cF.3-01:	IF D.3/14 THEN m ELSE i.			

F.2.3 Timers and constants support

Table F.4: Timers and constants

Item	Timers and constants	Reference	Status	Support	Value allowed	Value
1	Rn	A.1.2.1 [10], A.1.2.2 [10]	m		0 .. 1	
2	T903	5.2.1 [10], A.2 [10]	m		0-250 s	
3	T904	A.1.2 [10], 5.2 [10], A.2 [10]	m		0 .. 1	
4	T905	A.1.2 [10], 5.2 [10], A.2 [10]	m		0 .. 1	
5	T906	9.3.1.2.3 [10], 9.3.2.2.3 [10], A.1.1 [10]	m		2 s	
6	T908	9.3.1.2.4 [10], 9.3.2.2.4 [10], A.1.1 [10]	m		10 DECT frames	
7	T909	5.2.2 [10], A.2 [10]	m		0,1 s	
8	T910	5.2.1 [10], A.2 [10]	m		5-255 s	

Annex G (normative): Ethernet ASAP - Application ICS Proforma for PT

G.1 Global statement of conformance

An explicit answer shall be entered, in each of the support or column boxes provided, using the notation described in clause 5.3.

Table G.1: Global statement of conformance

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, on pages attached to the ICS proforma.

G.2 Capabilities

G.2.1 Application features

Table G.2: Application features

Item	Name of feature	Reference	Status	Support
1	AC_bitstring_mapping **DPRS-A.1**	6.2.6	m	
2	Multiple subscription registration **DPRS-A.2**	6.2.6	o	
3	Manual entry of the PARK **DPRS-A.3**	6.2.6	o	

G.2.2 Management Entity procedures

Table G.3: Application procedures

Item	Name of service	Reference	Status	Support
1	AC to bitstring mapping	14.2 [9]	m	
2	Subscription control	14.1 [9]	cG.3-01	
3	Manual entry of the PARK	14.3 [9]	cG.3-02	
cG.3-01: IF D.2/2 THEN m ELSE n/a. cG.3-02: IF D.2/3 THEN m ELSE n/a.				

Annex H (normative): Ethernet ASAP - Distributed Communications ICS Proforma for PT

H.1 Global statement of conformance

An explicit answer shall be entered, in each of the support or column boxes provided, using the notation described in clause 5.3.

Table H.1: Global statement of conformance

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, on pages attached to the ICS proforma.

H.2 Capabilities

H.2.1 Distributed Communications features

Table H.2: Distributed Communications features

Item	Name of feature	Reference	Status	Support
1	Distributed Communications **DPRS-DC.1**	6.2.7	o	

H.2.2 Distributed Communications procedures

Table H.3: Distributed Communications procedures

Item	Name of service	Reference	Status	Support
1	General Requirements	13.2 [10]	cH.3-01	
2	HyP Identities handling	13.3.1 [10]	cH.3-01	
3	Membership Access Rights Allocation	13.3.2 [10]	cH.3-01	
4	Re-initialization of membership access rights	13.3.3 [10]	cH.3-01	
5	Members Data Transfer	13.3.4 [10]	cH.3-01	
6	Presence/Absence Indication	13.3.5 [10]	cH.3-01	
7	Bandwidth management	13.3.6 [10]	cH.3-01	
8	Direct Link Establishment	13.3.7 [10]	cH.3-01	
9	Indirect Link Establishment	13.3.8 [10]	cH.3-01	
10	MASTER management	13.3.9 [10]	cH.3-01	
11	Common Subscription Database management	13.3.10 [10]	cH.3-01	
12	Handover issues	13.3.11 [10]	cH.3-01	
13	Usage of PPs or FPs in DCDL-net	13.5 [10]	cH.3-01	
cH.3-01: IF H.2/1 THEN m ELSE i.				

H.2.3 Timers and constants support

Table H.4: Timers and constants

Item	Timers and constants	Reference	Status	Support	Value allowed	Value
1	CLMS.00	A.4 [6]	m		5 sec	

Annex I (normative): Ethernet ASAP - IWF ICS Proforma for PT

I.1 Global statement of conformance

An explicit answer shall be entered, in each of the support or column boxes provided, using the notation described in clause 5.3.

Table I.1: Global statement of conformance

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, on pages attached to the ICS proforma.

I.2 Capabilities

I.2.1 Generic Interworking conventions

Table I.2: Generic Interworking conventions

Prerequisite: A.2/3 OR A.2/4				
Item	**Name of service**	**Reference**	**Status**	**Support**
1	DLC U-plane service	B.3.1 [10]	m	
2	SDU checksum	B.3.2 [10]	m	
3	Transmission bit order	B.3.3 [10]	m	
4	Support of SDU size	B.3.4 [10]	m	
5	Sip connectionless downlink	B.3.5 [10]	m	
6	PAD functionality	C.3.1 [10]	i	n/a
7	Support of SDU size	C.3.2 [10]	i	n/a

I.2.2 Specific conventions

Table I.3: Specific conventions

Prerequisite: A.3/8 OR A.3/9 OR A.3/10 OR A.3/11 OR A.3/12				
Item	**Name of service**	**Reference**	**Status**	**Support**
1	Specific Interworking convention for ISO 8802-3 [18] (Ethernet)	B.4.2 [10]	m	
2	Specific Interworking convention for ISO 8802-5 [19] (Token Ring)	B.5.2 [10]	i	n/a
3	Specific Interworking convention for Internet protocol	B.6.2 [10]	i	n/a
4	Specific Interworking convention for Point-to-Point Protocol	B.7.2 [10]	i	n/a
5	V.24 circuits – General	C.4.1 [10]	i	n/a
6	V.24 circuits – Encapsulation	C.4.2 [10]	i	n/a
7	V.24 circuits – Interworking procedures and conventions	C.4.3 [10]	i	n/a
8	V.24 circuits – UIE_BREAK_CONDITION	C.5.3 [10]	i	n/a
9	V.24 circuits – UIE_PAUSE_CONDITION	C.5.3 [10]	i	n/a
10	V.24 circuits – UIE_RELEASE_REASON	C.5.3 [10]	i	n/a

I.2.3 Specific codings for mobility class 2

Table I.4: IWU attributes - Frame Relay

Prerequisite: A.2/3						
Item	**IWU attributes**	**Reference**	**Status**	**Sp.**	**Value allowed**	**Value sp.**
1	Oct3_ext_bit	B.2.1 [10]	m		'1'B	
2	Coding standard	B.2.1 [10]	m		'01'B	
3	Profile	B.2.1 [10]	m		'00000'B	
4	Oct4_ext_bit	B.2.1 [10]	m		'1'B	
5	Negotiation indicator	B.2.1 [10]	m		'000'B, '010'B, '100'B, '110'B	
6	Profile subtype	B.2.1 [10]	m		'0000'B	
7	Oct5_ext_bit	B.2.1 [10]	m		'0'B	
8	Maximum SDU length	B.2.1 [10]	m		7 bits value, note 1	
9	Oct5a_ext_bit	B.2.1 [10]	m		'1'B	
10	Maximum SDU length	B.2.1 [10]	m		7 bits value, note 1	
11	Oct6_ext_bit	B.2.1 [10]	m		'1'B, note 2	
12	Sip	B.2.1.1 [10]	m		'0'B, '1'B	
13	spare	B.2.1.1 [10]	m		'000000'B	
NOTE 1: The 14 bits represent the natural binary coding of the maximum SDU length in units of eight octets used for data transmission, with the least significant bit in position 1 of octet 5a. NOTE 2: If this octet group is not present, its assumed state is as if all assigned fields were set to zero.						

History

Document history		
V1.1.1	November 2001	Publication