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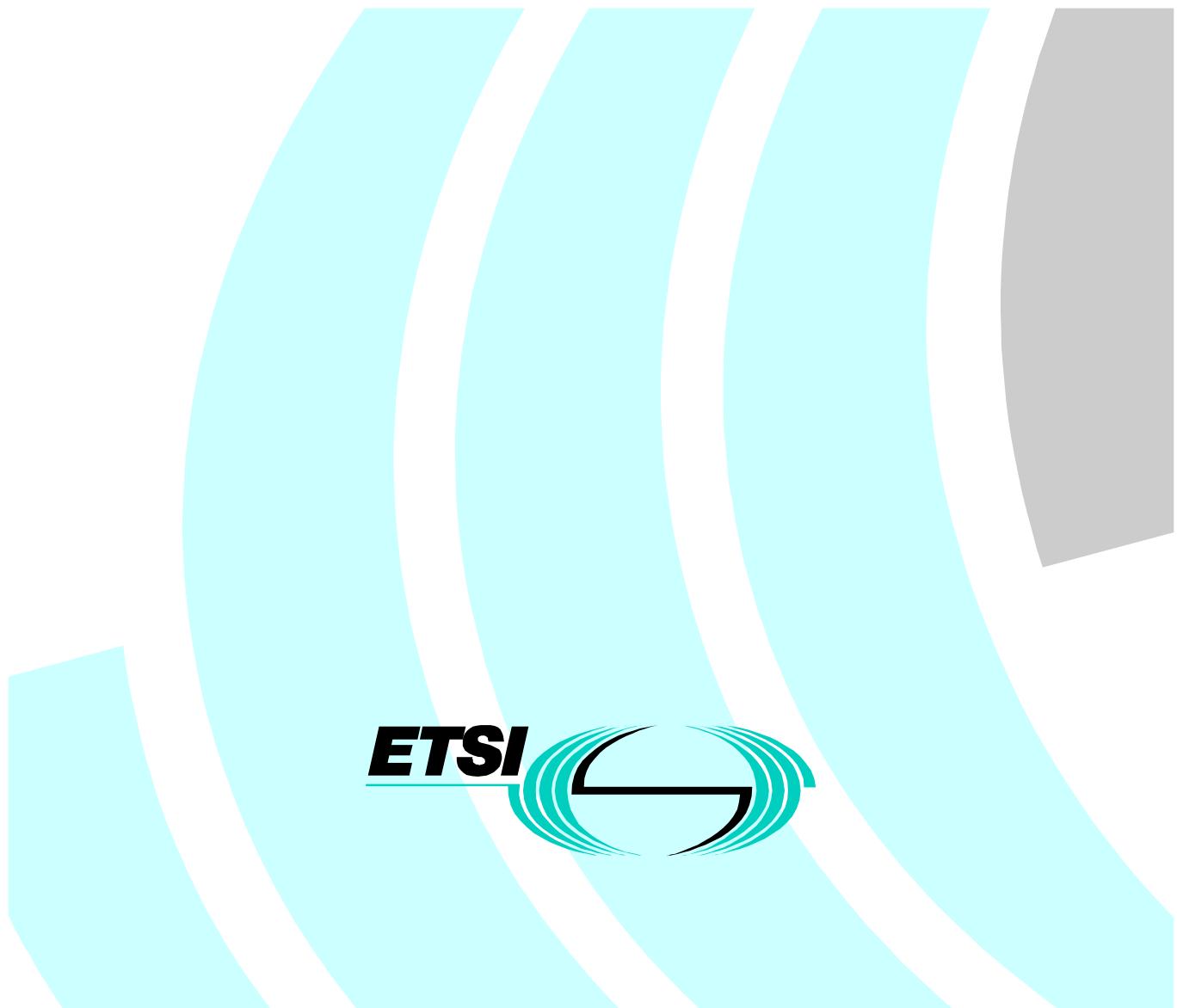
European Standard (Telecommunications series)

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 5: Data Link Control (DLC) layer - Fixed radio Termination (FT)

Reference
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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Project Digital Enhanced Cordless Telecommunications (DECT), and is now submitted for the Public Enquiry phase of the ETSI standards Two-step Approval Procedure.

The present document is part 5 of a multi-part EN covering the Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma, as identified below:

Part 1: "Network (NWK) layer - Portable radio Termination (PT)";

Part 2: "Data Link Control (DLC) layer - Portable radio Termination (PT)";

Part 3: "Medium Access Control (MAC) layer - Portable radio Termination (PT)";

Part 4: "Network (NWK) layer - Fixed radio Termination (FT)";

Part 5: "Data Link Control (DLC) layer - Fixed radio Termination (FT)";

Part 6: "Medium Access Control (MAC) layer - Fixed radio Termination (FT)";

Part 7: "Physical layer".

Annex A of this specification contains the PICS proforma for the FT data link control layer.

Proposed national transposition dates	
Date of latest announcement of this EN (doa):	3 months after ETSI publication
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	6 months after doa
Date of withdrawal of any conflicting National Standard (dow):	6 months after doa

1 Scope

The present document provides the Protocol Implementation Conformance Statement (PICS) proforma for the Digital Enhanced Cordless Telecommunications Data Link Control layer at the Fixed Termination as defined in EN 300 175-4 [2] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [4].

The supplier of an implementation which is claimed to conform to EN 300 175-4 [2] is required to complete a copy of the PICS proforma provided in the annex A 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, edition number, version number, etc.) or non-specific.

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

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

- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

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

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

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

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

[5]   ETS 300 651: "Digital Enhanced Cordless Telecommunications (DECT); Data Services Profile (DSP); Generic data link service (service type C, class 2)".

3 Definitions and abbreviations

3.1 Definitions

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

- terms defined in EN 300 175-1 [1];

- terms defined in ISO/IEC 9646-1 [3] and in ISO/IEC 9646-7 [4].

In particular, the following terms defined in ISO/IEC 9646-1 [3] 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. 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): PICS 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 [3], the data link control layer abbreviations defined in EN 300 175-4 [2], and the following abbreviations apply:

ICS   Implementation Conformance Statement
IUT   Implementation Under Test
PICS   Protocol Implementation Conformance Statement
SUT   System Under Test

4 Conformance requirement to this PICS specification

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

A PICS which conforms to the present document shall be a conforming PICS proforma completed in accordance with the instructions for completion given in clause A.1.

Annex A (normative):
PICS proforma for DECT DLC FT

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

A.1   Introduction for completing the PICS proforma

A.1.1   Purposes and structure

The purpose of this PICS proforma is to provide a mechanism whereby a supplier of an implementation of the fixed termination specific data link control layer requirements of EN 300 175-4: DECT Data link control layer may provide information about the implementation in a standardized manner.

The PICS proforma is subdivided into subclauses for the following categories of information:

- instructions for completing the PICS proforma;

- identification of the implementation;

- identification of the EN 300 175-4: DECT Data link control layer;

- PICS proforma tables:

    - global statement of conformance;

    - functional groups and procedures;

    - timers and protocol parameters;

    - messages;

    - information elements;

    - protocol error handling.

The PICS 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:

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

Reference column

The reference column gives reference to EN 300 175-4: Data link control layer, 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 receiving 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. The range of value is defined as follows: [min value] .. [max value]. Alternative values are defined as follows:

- [value1], [value 2], ..., [value n].

EXAMPLE: '00110000'B .. '01001011'B is the value range
from '00110000'B to '01001011'B
'00110000'B, '01001011'B the value can be '00110000'B or '01001011'B.

Values supported column

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

Prerequisite line

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

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

A.1.3   Guidances for completing the PICS

The supplier of the implementation shall complete the PICS proforma in each of the spaces provided using the notation described in subclause A.1.2. Specific instruction is provided in the text which precedes each table.

A.2   Identification of the implementation

A.2.1   Date of statement

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

Table A.1: Date of statement

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

A.2.2   Implementation Under Test (IUT) identification

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

Table A.2: IUT identification

IUT identification	
IUT name	
IUT version	

A.2.3   System Under Test (SUT) identification

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

Table A.3: SUT identification

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

A.2.4 Product supplier

Table A.4: Product supplier

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

A.2.5 Client identification

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

Table A.5: Client

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

A.2.6 Contact person

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

Table A.6: Contact person

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

A.3   Identification of the protocol

Table A.7: Identification of protocol

Identification of protocol	
Title of specification	Digital Enhanced Cordless Telecommunications Common Interface Part 4: Data Link Control Layer
Reference no.	EN 300 175-4
Date of Publication	

A.4   Global statement of conformance

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

Table A.8: Global statement of conformance

Global statement of conformance	
Are all mandatory capabilities implemented?	

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

A.5   Capabilities

A.5.1   Major capabilities

A.5.1.1   Services

Table A.9: Data link services

Item	Data link services	Ref.	Status	Support
1	C-plane services	5	o.	
2	U-plane services	11	o.	
o.:	It is mandatory to support at least one of these options.			

Table A.10: C-plane services

Prerequisite: A.9/1				
Item	C-plane services	Ref.	Status	Support
1	Class U service	5.1	o.10	
2	Class A service	5.1	o.10	
3	Class B service	5.1	o.10	
4	Broadcast service	5.2, 9.4	o.10	
o.10:	It is mandatory to support at least one of this options.			

Table A.11: U-plane services

Item	U-plane services	Ref.	Status	Support
	Prerequisite: A.9/2			
1	LU1 - Transparent Unprotected service (TRUP)	11.2	o.11	
2	LU2 - Frame Relay service (FREL)	11.3	o.11	
3	LU3 - Frame Switching service (FSWI)	11.4	o.11	
4	LU4 - Forward error correction service (FEC)	11.5	c1101	
5	LU5 - Basic Rate Adaptation (BRAT) protected service	11.6	o.11	
6	LU5 - Basic Rate Adaptation (BRAT) unprotected service	11.6	o.11	
7	LU6 - Secondary Rate Adaptation service (SRAT)	11.7	c1102	
8	LU7 - 64kbit/s data bearer service with ARQ mechanism	11.9	c1103	
9	LU8 - 64kbit/s data bearer service without ARQ mechanism	11.10	o.11	
10	LU9 - Unprotected Rate Adaption for V series equipment (RAVE) Service	11.11	o.11	
11	LU10 - Enhanced Data Service	11.12	o.11	
12	LU16 - Escape for non-standard family (ESC)	11.8	o.11	
o.11:	It is mandatory to support at least one of this options.			
c1101:	The definitive specification of this service is for further study.			
c1102:	IF A.11/6 THEN o ELSE x.			
c1103:	IF 64kbit/s data service required THEN m ELSE n/a.			

Table A.12: Management services

Item	Management services	Ref.	Status	Support
1	MAC connection management	10.2	c1201	
2	DLC C-plane management	10.3	c1202	
3	DLC U-plane management	10.4	c1203	
4	Connection handover management	10.5	o	
5	Connection ciphering management	10.6	o	
c1201:	IF A.9/1 OR A.9/2 THEN m ELSE n/a.			
c1202:	IF A.9/1 THEN m ELSE n/a.			
c1203:	IF A.9/2 THEN m ELSE n/a.			

A.5.1.2   Procedures

A.5.1.2.1   Generic signalling procedures

Table A.13: Generic signalling procedures

Item	Generic signalling procedures	Ref.	Status	Supp.
	Prerequisite: A.10/2 OR A.10/3			
1	Segmentation of NWK information	5.1.1, 7.7	m	
2	C_S channel fragmentation and recombination	6.1.2, 6.1.3, 6.1.4, 6.1.4.2	o.13	
3	C_F channel fragmentation and recombination	6.1.2, 6.1.3, 6.1.4, 6.1.4.1	o.13	
o.13:	It is mandatory to support at least one of this options.			

A.5.1.2.2   Class U procedures

Table A.14: Class U procedures

Item	Class U procedures	Ref.	Status	Support
	Prerequisite: A.10/1			
1	Class U link establishment	9.3.2	m	
2	Class U information transfer	9.3.3	m	
3	Class U link release	9.3.4	m	

A.5.1.2.3 Class A procedures

Table A.15: Class A procedures

Item	Class A procedures	Ref.	Status	Support
Prerequisite: A.10/2				
1	Class A link establishment	9.2.3.1	m	
2	Class A acknowledged information transfer	9.2.3.2, 9.2.3.3, 9.2.3.4, 9.2.3.5, 9.2.3.6	m	
3	Class A link release	9.2.3.7	m	
4	Class A link re-establishment	9.2.3.8	o	
5	Class A connection handover	9.2.7.3, 9.2.7.3.1	o	

A.5.1.2.4 Class B procedures

Table A.16: Class B procedures

Item	Class B procedures	Ref.	Status	Support
Prerequisite: A.10/3				
1	Class B multiple frame establishment	9.2.4	m	
2	Class B information transfer	9.2.5	m	
3	Class B link release	9.2.6	m	
4	Class B link suspension and resumption	9.2.7	o	
5	Class B connection handover	9.2.7.3, 9.2.7.3.2	o	

A.5.1.2.5 Broadcast procedures

Table A.17: Broadcast procedures

Item	Broadcast procedures	Ref.	Status	Support
Prerequisite: A.10/4				
1	Normal operation	9.4.1	m	
2	Expedited operation	9.4.2	o	

A.5.1.2.6 LU1 procedures

Table A.18: LU1 procedures

Item	LU1 procedures	Ref.	Status	Support
Prerequisite: A.11/1				
1	U-plane Class 0/min delay	11.2	o.1801	
2	U-plane class 0	11.2	o.1801	
3	FU1 frame operation	12.2	m	
o.1801: It is mandatory to support at least one of these options.				

Table A.19: FU1 options

Item	FU1 options	Ref.	Status	Support
Prerequisite: A.18/3				
1	FU1 buffering procedures (FU1 frame operation)	12.2.2	m	
2	FU1 minimum delay (speech) operation	12.2.3	m	
3	FU1 connection handover	12.2.4	c1901	
4	FU1 transmission order	12.2.5	m	
c1901: IF A.15/5 OR A.16/5 THEN m ELSE n/a.				

A.5.1.2.7   LU2 procedures

Table A.20: LU2 procedures

Item	LU2 procedures	Ref.	Status	Support
Prerequisite: A.11/2				
1	Checksum operation	11.3.2	m	
2	Segmentation	11.3.3	m	
3	Data transmission	11.3.4	m	
4	FU4 buffering procedures	12.5.2	o.20	
5	FU5 buffering procedures	12.6.2	o.20	
6	FU6 buffering procedures	12.7.2	o.20	
o.20: It is mandatory to support at least one of this options.				

Table A.21: FU4 options

Item	FU4 options	Ref.	Status	Support
Prerequisite: A.20/4				
1	FU4 connection handover	12.5.3	o	
2	FU4 transmission order	12.5.4	m	

Table A.22: FU5 options

Item	FU5 options	Ref.	Status	Support
Prerequisite: A.20/5				
1	FU5 connection handover	12.6.3	o	
2	FU5 transmission order	12.6.4	m	

Table A.23: FU6 options

Item	FU6 options	Ref.	Status	Support
Prerequisite: A.20/6				
1	FU6 connection handover	12.7.3	o	
2	FU6 transmission order	12.7.4	m	

A.5.1.2.8   LU3 procedures

Table A.24: LU3 procedures

Item	LU3 procedures	Ref.	Status	Support
Prerequisite: A.11/3				
1	Establishment of LAP-U multiframe operation	11.4 <actually ETS 300 651>	o.2401	
2	Maintenance of LAP-U multiframe operation	11.4 <actually ETS 300 651>	o.2401	
3	Release of LAP-U multiframe operations	11.4 <actually ETS 300 651>	o.2401	
o.2401: It is mandatory to support at least one of these options.				

A.5.1.2.9   LU5 protected data procedures

Table A.25: LU5 protected data procedures

Item	LU5 protected data procedures	Ref.	Status	Support
	Prerequisite: A.11/5			
1	Data buffering and initial rate adaptation	11.6.2.2	m	
2	Multi-channel set multiplexing	11.6.2.3	m	
3	Segmentation of Multiplexed Data Units	11.6.2.4	m	
4	Frame sequencing	11.6.2.5	m	
5	FU5 buffering procedures	12.6.2	m	
6	FU5 connection handover	12.6.3	o	
7	FU5 transmission order	12.6.4	m	

A.5.1.2.10   LU5 unprotected data procedures

Table A.26: LU5 unprotected data procedures

Item	LU5 unprotected data procedures	Ref.	Status	Support
	Prerequisite: A.11/6			
1	Data buffering and initial rate adaptation	11.6.3.2	m	
2	Multi-channel set multiplexing	11.6.3.3	m	
3	Segmentation of Multiplexed Data Units	11.6.3.4	m	
4	FU1 buffering procedure	12.2.2	m	
5	FU1 minimum delay (speech) operation	12.2.3	o	
6	FU1 connection handover	12.2.4	o	
7	FU1 transmission order	12.2.5	m	

A.5.1.2.11   LU6 procedures

Table A.27   LU6 procedures

Item	LU6 procedures	Ref.	Status	Support
Prerequisite: A.11/7				
1	Rate adaptation of asynchronous lower rates	11.7	c2701	
2	Rate adaptation of synchronous lower rates to an intermediate rate	11.7	c2701	
3	Rate adaptation of synchronous rates of 48 kbit/s and 56 kbit/s to 64 kbit/s	11.7	c2701	
c2701: IF A.11/6 THEN o ELSE x.				

A.5.1.2.12   LU7 procedures

Table A.28: LU7 procedures

Item	LU7 procedures	Ref.	Status	Support
Prerequisite: A.11/8				
1	Establishment and synchronization procedures	11.9.4.3.1	m	
2	Active phase procedures	11.9.4.3.2	m	
3	Release procedures	11.9.4.3.3	m	
4	Exceptional procedures	11.9.4.4	m	

Table A.29: LU7 establishment and synchronization procedures

Prerequisite: A.28/1				
Item	**LU7 establishment and synchronization procedures**	**Ref.**	**Status**	**Support**
1	Call establishment and synchronization	11.9.4.3.1	m	

Table A.30: LU7 active phase procedures

Prerequisite: A.28/2				
Item	**LU7 active phase procedures**	**Ref.**	**Status**	**Support**
1	Transmitting frames	11.9.4.3.2.1	m	
2	Re-transmitting frames	11.9.4.3.2.2	m	
3	Receiving frames	11.9.4.3.2.3	m	
4	Sending acknowledgements	11.9.4.3.2.4	m	
5	Receiving acknowledgements	11.9.4.3.2.5	m	

Table A.31: LU7 exceptional procedures

Prerequisite: A.28/4				
Item	**LU7 exceptional procedures**	**Ref.**	**Status**	**Support**
1	Invalid frame condition	11.9.4.4.1	m	
2	Establishment	11.9.4.4.2	m	
3	Transmitting frames	11.9.4.4.3	m	
4	Receiving frames	11.9.4.4.4	m	
5	Sending acknowledgements	11.9.4.4.5	m	
6	N(R) sequence error	11.9.4.4.7	m	
7	N(O) sequence error	11.9.4.4.8	m	
8	N(S) sequence error	11.9.4.4.9	m	
9	Format error	11.9.4.4.10	m	
10	Abnormal release	11.9.4.4.11	m	
11	Implicit reset	11.9.4.4.12	m	

A.5.1.2.13   LU8 procedures

Table A.32: LU8 procedures

Prerequisite: A.11/9				
Item	**LU8 procedures**	**Ref.**	**Status**	**Support**
1	LU7 procedures without ARQ	11.10	m	

A.5.1.2.14   LU9 procedures

Table A.33: LU9 procedures

Prerequisite: A.11/10				
Item	**LU9 procedures**	**Ref.**	**Status**	**Support**
1	Alignment signal management	11.11.2	m	
2	V.24 signalling	11.11.3	m	
3	Rate coding	11.11.4	m	
4	DECT independent clocking	11.11.5	m	
5	User data transfer	11.11.6	m	
6	FU9 buffering procedures	11.11.1.1.2	m	
7	FU9 connection handover	11.11.1.1.3	o	
8	FU9 transmission order	11.11.1.1.4	m	

A.5.1.2.15   LU10 procedures

Table A.34: LU10 procedures

Prerequisite: A.11/11				
Item	**LU10 procedures**	**Ref.**	**Status**	**Support**
1	Peer-to-peer transmission of user data	11.12.3	m	
2	Segmentation of Multiplexed Data Units	11.12.2	m	
3	Management of V(S), V(R), handling of N(S), N(R)	11.12.2	m	
4	FU10 buffering procedures	12.11.2	m	
5	FU10 connection handover	12.11.3	o	
6	FU10 transmission order	12.11.4	m	

A.5.1.2.16   Management procedures

Table A.35: Management procedures

Prerequisite: A.12				
Item	**Management procedures**	**Ref.**	**Status**	**Support**
1	MAC connection management	10.2	c3501	
2	DLC C-plane management	10.3	c3502	
3	DLC U-plane management	10.4	c3503	
4	Connection handover management	10.5	c3504	
5	Connection ciphering management	10.6	c3505	
c3501:	IF A.12/1 THEN m ELSE n/a.			
c3502:	IF A.12/2 THEN m ELSE n/a.			
c3503:	IF A.12/3 THEN m ELSE n/a.			
c3504:	IF A.12/4 AND (A.15/5 OR A.16/5 OR A.0/3 OR A.21/1 OR A.22/1 OR A.23/1 OR A.25/6 OR A.26/6) THEN m ELSE x.			
c3505:	IF A.12/5 THEN m ELSE n/a.			

Table A.36: MAC connection management procedures

Prerequisite: A.35/1				
Item	**MAC connection management procedures**	**Ref.**	**Status**	**Support**
1	MAC connection set-up	10.2.1	m	
2	MAC connection release	10.2.2	m	
3	MAC connection modification	10.2.3	o	
4	MAC connection identification	10.2.4	m	
5	Selection of logical channels (C_S or C_F)	10.2.5	o	

Table A.37: DLC C-plane management procedures

Prerequisite: A.35/2				
Item	**DLC C-plane management procedures**	**Ref.**	**Status**	**Support**
1	Provision of link signature	10.3.1	m	
2	Routeing of connection oriented links	10.3.2	c3701	
3	Routeing of connectionless links	10.3.3	m	
c3701:	IF A.9/1 THEN m ELSE n/a.			

Table A.38: DLC U-plane management procedures

Prerequisite: A.35/3				
Item	**DLC U-plane management procedures**	**Ref.**	**Status**	**Support**
1	U-plane establishment	10.4.1	m	
2	U-plane release	10.4.2	m	
3	U-plane suspend and resume	10.4.3	o	

Table A.39: Connection ciphering management procedures

Prerequisite: A.35/5				
Item	**Connection ciphering management procedures**	**Ref.**	**Status**	**Support**
1	Providing a key to the MAC layer	10.6.1.1	m	
2	Starting the ciphering	10.6.1.2	m	
3	Stopping the ciphering	10.6.1.2	o	
4	Connection handover	10.6.1.3	c3901	
5	DLC-initiated ciphering	10.6.2	o	
c3901: IF A.35/4 THEN m ELSE n/a.				

A.5.2   Protocol parameters

A.5.2.1   C-plane timers

Table A.40: C-plane timers

Prerequisite: A.9/1						
Item	**C-plane timers**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	DL.00	A.1	c4004		2 s	
2	DL.01	A.1	c4003		2 s	
3	DL.02	A.1	c4004		2 s	
4	DL.03	A.1	c4003		2 s	
5	DL.04 (CF routed frames)	A.1	c4001		1 s	
6	DL.04 (CS routed frames)	A.1	c4002		2 s	
7	DL.05	A.1	c4005		10 s	
8	DL.06	A.1	c4005		4 s	
9	DL.07	A.1	c4006		2 s	
c4001: IF A.13/3 THEN m ELSE n/a. c4002: IF A.13/2 THEN m ELSE n/a. c4003: IF A.16/4 THEN m ELSE n/a. c4004: IF A.10/3 THEN m ELSE n/a. c4005: IF A.35/4 THEN m ELSE n/a. c4006: IF A.10/2 THEN m ELSE n/a.						

A.5.2.2   U-plane timers

Table A.41: U-plane timers

Prerequisite: A.9/2						
Item	**U-plane timers**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	DLU.01	A.2	c4101		2 s	
c4101: IF A.49/4 OR A.49/5 OR A.49/6 THEN m ELSE n/a.						

A.5.2.3   Class A parameters

Table A.42: Class A parameter values

Prerequisite: A.10/2				
Item	**Class A parameter**	**Ref.**	**Status**	**Support**
1	Fixed window size of 1	9.2.3.2, 7.5.2.2	m	
2	Modulus 2	9.2.3.2, 7.5.2.1	m	

A.5.2.4   Class B parameters

Table A.43: Class B parameter values

Item	Class B parameter	Ref.	Status	Support
Prerequisite: A.10/3				
1	Fixed window size of 3	7.5.2.2	m	
2	Modulus 8	9.2.4.2, 7.5.2.1	m	

A.5.2.5   LU1 parameters

Table A.44: LU1 Frame types

Item	Frame types	Ref.	Status	Support
Prerequisite: A.11/1				
1	FU1 frame structure	11.2, 12.2	m	

Table A.45: LU1 Connection types

Item	Connection types	Ref.	Status	Support
Prerequisite: A.11/1				
1	IN / min delay - Half slot (10 octets)	11.2, 12.2.1	o.45	
2	IN / normal delay - Half slot (10 octets)	11.2, 12.2.1	o.45	
3	IN / min delay - Full slot (40 octets)	11.2, 12.2.1	o.45	
4	IN / normal delay - Full slot (40 octets)	11.2, 12.2.1	o.45	
5	IN / min delay - Double slot (100 octets)	11.2, 12.2.1	o.45	
6	IN / normal delay - Double slot (100 octets)	11.2, 12.2.1	o.45	
o.45:	It is mandatory to support at least one of this options.			

Table A.46: LU1 Transmission classes

Item	Transmission classes	Ref.	Status	Support
Prerequisite: A.11/1				
1	class 0.min delay	11.2	o.46	
2	class 0	11.2	o.46	
o.46:	It is mandatory to support at least one of this options.			

A.5.2.6   LU2 parameters

Table A.47: LU2 Frame types

Item	Frame type	Ref.	Status	Support
Prerequisite: A.11/2				
1	FU4 frame structure	11.3.3, 12.5.1	c4701	
2	FU5 frame structure	11.3.3, 12.6.1	c4702	
3	FU6 frame structure	11.3.3, 12.7.1	c4703	
c4701:	IF A.49/2 OR A.49/5 OR A.49/8 THEN m ELSE n/a.			
c4702:	IF A.49/1 OR A.49/4 OR A.49/7 THEN m ELSE n/a.			
c4703:	IF A.49/3 OR A.49/6 OR A.49/9 THEN m ELSE n/a.			

Table A.48: LU2 Connection types

Prerequisite: A.11/2				
Item	**Connection types**	**Ref.**	**Status**	**Support**
1	IP / error-detect- Half slot (08 octets)	11.3, 12.5.1, 12.6.1, 12.7.1	o.48	
2	IP / error-correct- Half slot (08 octets)	11.3, 12.5.1, 12.6.1, 12.7.1	o.48	
3	IP / error-detect- Full slot (32 octets)	11.3, 12.5.1, 12.6.1, 12.7.1	o.48	
4	IP / error-correct- Full slot (32 octets)	11.3, 12.5.1, 12.6.1, 12.7.1	o.48	
5	IP / error-detect- Double slot (80 octets)	11.3, 12.5.1, 12.6.1, 12.7.1	o.48	
6	IP / error-correct- Double slot (80 octets)	11.3, 12.5.1, 12.6.1, 12.7.1	o.48	
o.48:	It is mandatory to support at least one of this options.			

Table A.49: LU2 Transmission classes

Prerequisite: A.11/2				
Item	**Transmission classes**	**Ref.**	**Status**	**Support**
1	class 0 / bi- or unidirectional	11.3.3	o.49	
2	class 0 / bidirectional	11.3.3	o.49	
3	class 0 / unidirectional	11.3.3	o.49	
4	class 1 / bi- or unidirectional	11.3.3	o.49	
5	class 1 / bidirectional	11.3.3	o.49	
6	class 1 / unidirectional	11.3.3	o.49	
7	class 2 / bi- or unidirectional	11.3.3	o.49	
8	class 2 / bidirectional	11.3.3	o.49	
9	class 2 / unidirectional	11.3.3	o.49	
o.49:	It is mandatory to support at least one of this options.			

A.5.2.7   LU5 parameters

Table A.50: LU5 Frame types

Prerequisite: A.11/5 OR A.11/6				
Item	**Frame type**	**Ref.**	**Status**	**Support**
1	FU1 frame structure	11.6.3.1, 12.2	c5001	
2	FU5 frame structure	11.6.2.1, 12.6	c5002	
c5001:	IF A.11/6 THEN m ELSE n/a.			
c5002:	IF A.11/5 THEN m ELSE n/a.			

Table A.51: LU5 Connection types

Prerequisite: A.11/5 OR A.11/6				
Item	**Connection types**	**Ref.**	**Status**	**Support**
1	IP / error-detect- Half slot (08 octets)	11.6, 12.6.1	o.51	
2	IP / error-correct- Half slot (08 octets)	11.6, 12.6.1	o.51	
3	IP / error-detect- Full slot (32 octets)	11.6, 12.6.1	o.51	
4	IP / error-correct- Full slot (32 octets)	11.6, 12.6.1	o.51	
5	IP / error-detect- Double slot (80 octets)	11.6, 12.6.1	o.51	
6	IP / error-correct- Double slot (80 octets)	11.6, 12.6.1	o.51	
o.51:	It is mandatory to support at least one of this options.			

Table A.52: LU5 Transmission classes

Prerequisite: A.11/5 OR A.11/6				
Item	**Transmission classes**	**Ref.**	**Status**	**Support**
1	class 0	11.6.2	c5201	
2	class 3	11.6.2	c5202	
c5201:	IF A.50/1 THEN m ELSE n/a.			
c5202:	IF A.50/2 THEN m ELSE n/a.			

A.5.2.8 LU7 parameters

Table A.53: LU7 Frame types

Prerequisite: A.11/8				
Item	**Frame types**	**Ref.**	**Status**	**Support**
1	FU7 frame structure	11.9.4.2	m	

Table A.54: LU7 Connection types

Prerequisite: A.11/8				
Item	**Connection types**	**Ref.**	**Status**	**Support**
1	IN / normal delay - Double slot (100 octets)	11.9.2, 11.9.3	m	

A.5.2.9 LU8 parameters

Table A.55: LU8 Frame types

Prerequisite: A.11/9				
Item	**Frame types**	**Ref.**	**Status**	**Support**
1	FU8 frame structure	11.10.3	m	

Table A.56: LU8 Connection types

Prerequisite: A.11/9				
Item	**Connection types**	**Ref.**	**Status**	**Support**
1	IN / normal delay - Double slot (100 octets)	11.10.1	m	

A.5.2.10 LU9 parameters

Table A.57: LU9 Frame types

Prerequisite: A.11/10				
Item	**Frame types**	**Ref.**	**Status**	**Support**
1	FU9 frame structure	11.11.1.1.1	m	

Table A.58: LU9 Connection types

Prerequisite: A.11/10				
Item	**Connection types**	**Ref.**	**Status**	**Support**
1	IN / normal delay - Full slot (40 octets)	11.11.1.1.1	m	

Table A.59: LU9 Transmission classes

Prerequisite: A.11/10				
Item	**Transmission classes**	**Ref.**	**Status**	**Support**
1	class 0	11.11.1	m	

A.5.2.11 LU10 parameters

Table A.60: LU10 Frame types

Prerequisite: A.11/11				
Item	**Frame types**	**Ref.**	**Status**	**Support**
1	FU10 frame structure	12.11.1	m	

Table A.61: LU10 Connection types

Prerequisite: A.11/11				
Item	**Connection types**	**Ref.**	**Status**	**Support**
1	IP / error-detect- Half slot (08 octets)	12.11.1	o.61	
2	IP / error-detect- Full slot (32 octets)	12.11.1	o.61	
3	IP / error-detect- Double slot (80 octets)	12.11.1	o.61	
o.61:	It is mandatory to support at least one of this options.			

Table A.62: LU10 Transmission classes

Prerequisite: A.11/11				
Item	**Transmission classes**	**Ref.**	**Status**	**Support**
1	class 2 / bi- or unidirectional	11.12.2	o.62	
2	class 3 / bi- or unidirectional	11.12.2	o.62	
o.62:	It is mandatory to support at least one of this options.			

A.5.3   Protocol PDUs

A.5.3.1   C-plane PDUs

A.5.3.1.1   C-plane frame structure

Table A.63: Frame structures (Receiving PT to FT)

Item	**Frame Structures**	**Ref.**	**Status**	**Support**
1	Frame structure of format type FA.	6.1	c6301	
2	Broadcast service frame structure	6.2	n/a	
c6301:	IF A.9/1 THEN m ELSE n/a.			

Table A.64: Frame structures (Sending FT to PT)

Item	**Frame Structures**	**Ref.**	**Status**	**Support**
1	Frame structure of format type FA.	6.1	c6401	
2	Broadcast service frame structure	6.2	c6402	
c6401:	IF A.9/1 THEN m ELSE n/a.			
c6402:	IF A.10/4 THEN m ELSE n/a.			

Table A.65: Frame format type FA (Receiving PT to FT)

Item	Frame elements	Ref.	Status	Support
Prerequisite: A.63/1				
1	Address field	6.1	m	
2	Control field	6.1	m	
3	Length indicator field	6.1	m	
4	Information field	6.1	c6501	
5	Fill field	6.1	m	
6	Checksum field	6.1	m	
c6501: IF A.68/1 OR A.70/1 OR A.72/1 THEN m ELSE x.				

Table A.66: Frame format type FA (Sending FT to PT)

Item	Frame elements	Ref.	Status	Support
Prerequisite: A.64/1				
1	Address field	6.1	m	
2	Control field	6.1	m	
3	Length indicator field	6.1	m	
4	Information field	6.1	c6601	
5	Fill field	6.1	m	
6	Checksum field	6.1	m	
c6601: IF A.69/1 OR A.71/1 OR A.73/1 THEN m ELSE x.				

Table A.67: Broadcast service frame structure (Sending FT to PT)

Item	Frame elements	Ref.	Status	Support
Prerequisite: A.64/2				
1	Short frame format (3 octets)	6.2.1	o.67	
2	Long frame format (5 octets)	6.2.1	o.67	
o.67: It is mandatory to support at least one of this options.				

A.5.3.1.2   C-plane messages

A.5.3.1.2.1   Message support

Table A.68: Class A messages support (Receiving PT to FT)

Item	Class A messages	Ref.	Status	Support
Prerequisite: A.10/2				
1	I-command	7.11, 9.1	m	
2	RR-command/response	7.11, 9.1	m	

Table A.69: Class A messages support (Sending FT to PT)

Item	Class A messages	Ref.	Status	Support
Prerequisite: A.10/2				
1	I-command	7.11, 9.1	m	
2	RR-command/response	7.11, 9.1	m	

Table A.70: Class B messages support (Receiving PT to FT)

Prerequisite: A.10/3				
Item	**Class B messages**	**Ref.**	**Status**	**Support**
1	I-command	7.11, 9.1	m	
2	RR-command/response	7.11, 9.1	m	
3	RNR-command/response	7.11, 9.1	m	
4	REJ-command/response	7.11, 9.1	m	
5	SABM-command	7.11, 9.1	m	
6	DM-response	7.11, 9.1	m	
7	DISC-command	7.11, 9.1	m	
8	UA-response	7.11, 9.1	m	

Table A.71: Class B messages support (Sending FT to PT)

Prerequisite: A.10/3				
Item	**Class B messages**	**Ref.**	**Status**	**Support**
1	I-command	7.11, 9.1	m	
2	RR-command/response	7.11, 9.1	m	
3	RNR-command/response	7.11, 9.1	m	
4	REJ-command/response	7.11, 9.1	m	
5	SABM-command	7.11, 9.1	m	
6	DM-response	7.11, 9.1	m	
7	DISC-command	7.11, 9.1	m	
8	UA-response	7.11, 9.1	m	

Table A.72: Class U messages support (Receiving PT to FT)

Prerequisite: A.10/1				
Item	**Class U messages**	**Ref.**	**Status**	**Support**
1	UI-command	7.11, 9.1	m	

Table A.73: Class U messages support (Sending FT to PT)

Prerequisite: A.10/1				
Item	**Class U messages**	**Ref.**	**Status**	**Support**
1	UI-command	7.11, 9.1	m	

A.5.3.1.2.2   Class A I-command

Table A.74: Class A I-command (Numbered Information) (Receiving PT to FT)

Prerequisite: A.68/1				
Item	**I-command - Name of field**	**Ref.**	**Status**	**Supp.**
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Information field	6.1	m	
5	Fill field	7.8	m	
6	Checksum field	7.9	m	

Table A.75: Class A I-command (Numbered Information) (Sending FT to PT)

Item	I-command - Name of field	Ref.	Status	Supp.
Prerequisite: A.68/1
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Information field	6.1	m	
5	Fill field	7.8	m	
6	Checksum field	7.9	m	

Table A.76: Class A I-command Control field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.74/2						
1	Spare field	7.4	m		'0'B	
2	N(S)	7.4, 7.5.2.4	m		'000'B .. '001'B	
3	P	7.4, 7.5.1, 9.2.1.1	m		'0'B	
4	N(R)	7.4, 7.5.2.6	m		'000'B .. '001'B	

Table A.77: Class A I-command Control field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.75/2						
1	Spare field	7.4	m		'0'B	
2	N(S)	7.4, 7.5.2.4	m		'000'B .. '001'B	
3	P	7.4, 7.5.1, 9.2.1.1	m		'0'B	
4	N(R)	7.4, 7.5.2.6	m		'000'B .. '001'B	

Table A.78: Class A I-command Address field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.74/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.1	m		'001'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

Table A.79: Class A I-command Address field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.75/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.1	m		'001'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

A.5.3.1.2.3 Class A RR command/response

Table A.80: Class A RR-command/response (Receive ready) (Receiving PT to FT)

Prerequisite: A.68/2				
Item	**RR-command/response - Name of field**	**Ref.**	**Status**	**Supp.**
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.81: Class A RR-command/response (Receive ready) (Sending FT to PT)

Prerequisite: A.69/2				
Item	**RR-command/response - Name of field**	**Ref.**	**Status**	**Supp.**
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.82: Class A RR Control field (Receiving PT to FT)

Prerequisite: A.80/2						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	7.4	m		'01'B	
2	S bits	7.4, 7.11	m		'00'B	
3	P/F	7.4, 7.5.1, 9.2.1.1	m		'0'B	
4	N(R)	7.4, 7.5.2.4	m		'000'B .. '001'B	

Table A.83: Class A RR Control field (Sending FT to PT)

Prerequisite: A.81/2						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	7.4	m		'01'B	
2	S bits	7.4, 7.11	m		'00'B	
3	P/F	7.4, 7.5.1, 9.2.1.1	m		'0'B	
4	N(R)	7.4, 7.5.2.4	m		'000'B .. '001'B	

Table A.84: Class A RR Address field (Receiving PT to FT)

Prerequisite: A.80/1						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.1	m		'001'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

Table A.85: Class A RR Address field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.81/1					
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.1	m		'001'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

A.5.3.1.2.4   Class B I-command

Table A.86: Class B I-command (Numbered Information) (Receiving PT to FT)

Item	I-command - Name of field	Ref.	Status	Supp.
Prerequisite: A.70/1				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Information field	6.1	m	
5	Fill field	7.8	m	
6	Checksum field	7.9	m	

Table A.87: Class B I-command (Numbered Information) (Sending FT to PT)

Item	I-command - Name of field	Ref.	Status	Supp.
Prerequisite: A.71/1				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Information field	6.1	m	
5	Fill field	7.8	m	
6	Checksum field	7.9	m	

Table A.88: Class B I-command Control field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.86/2					
1	Spare field	7.4	m		'0'B	
2	N(S)	7.4, 7.5.2.4	m		'000'B .. '111'B	
3	P	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	N(R)	7.4, 7.5.2.6	m		'000'B .. '111'B	

Table A.89: Class B I-command Control field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.87/2					
1	Spare field	7.4	m		'0'B	
2	N(S)	7.4, 7.5.2.4	m		'000'B .. '111'B	
3	P	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	N(R)	7.4, 7.5.2.6	m		'000'B .. '111'B	

Table A.90: Class B I-command Address field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.86/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '110'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

Table A.91: Class B I-command Address field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.87/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

A.5.3.1.2.5 Class B RR command/response

Table A.92: Class B RR-command/response (Receive ready) (Receiving PT to FT)

Item	RR-command/response - Name of field	Ref.	Status	Supp.
Prerequisite: A.70/2				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.93: Class B RR-command/response (Receive ready) (Sending FT to PT)

Item	RR-command/response - Name of field	Ref.	Status	Supp.
Prerequisite: A.71/2				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.94: Class B RR Control field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.92/2						
1	Spare field	7.4	m		'01'B	
2	S bits	7.4, 7.11	m		'00'B	
3	P/F	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	N(R)	7.4, 7.5.2.6	m		'000'B .. '111'B	

Table A.95: Class B RR Control field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.93/2						
1	Spare field	7.4	m		'01'B	
2	S bits	7.4, 7.11	m		'00'B	
3	P/F	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	N(R)	7.4, 7.5.2.6	m		'000'B .. '111'B	

Table A.96: Class B RR Address field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.92/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B, '1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

Table A.97: Class B RR Address field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.93/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B, '1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

A.5.3.1.2.6 Class B RNR command/response

Table A.98: Class B RNR command/response (Receive Not Ready) (Receiving PT to FT)

Item	RNR-command/response - Name of field	Ref.	Status	Supp.
Prerequisite: A.70/3				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.99: Class B RNR command/response (Receive Not Ready) (Sending FT to PT)

Item	RNR-command/response - Name of field	Ref.	Status	Supp.
Prerequisite: A.71/3				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.100: Class B RNR Control field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.98/2						
1	Spare field	7.4	m		'01'B	
2	S bits	7.4, 7.11	m		'01'B	
3	P/F	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	N(R)	7.4, 7.5.2.6	m		'000'B .. '111'B	

Table A.101: Class B RNR Control field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.99/2						
1	Spare field	7.4	m		'01'B	
2	S bits	7.4, 7.11	m		'01'B	
3	P/F	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	N(R)	7.4, 7.5.2.6	m		'000'B .. '111'B	

Table A.102: Class B RNR Address field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.98/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B, '1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

Table A.103: Class B RNR Address field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.99/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B, '1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

A.5.3.1.2.7 Class B REJ command/response

Table A.104: Class B REJ command/response (Reject) (Receiving PT to FT)

Item	REJ-command/response - Name of field	Ref.	Status	Supp.
Prerequisite: A.70/4				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Information field	6.1	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.105: Class B REJ command/response (Reject) (Sending FT to PT)

Prerequisite: A.71/4				
Item	**REJ-command/response - Name of field**	**Ref.**	**Status**	**Supp.**
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Information field	6.1	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.106: Class B REJ Control field (Receiving PT to FT)

Prerequisite: A.104/2						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	7.4	m		'01'B	
2	S bits	7.4, 7.11	m		'10'B	
3	P/F	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	N(R)	7.4, 7.5.2.6	m		'000'B .. '111'B	

Table A.107: Class B REJ Control field (Sending FT to PT)

Prerequisite: A.105/2						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	7.4	m		'01'B	
2	S bits	7.4, 7.11	m		'10'B	
3	P/F	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	N(R)	7.4, 7.5.2.6	m		'000'B .. '111'B	

Table A.108: Class B REJ Address field (Receiving PT to FT)

Prerequisite: A.104/1						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B, '1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

Table A.109: Class B REJ Address field (Sending FT to PT)

Prerequisite: A.105/1						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B, '1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

A.5.3.1.2.8   Class B SABM command

Table A.110: Class B SABM command (Set Asynchronous Balanced Mode) (Receiving PT to FT)

Item	SABM-command - Name of field	Ref.	Status	Supp.
Prerequisite: A.70/5				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.111: Class B SABM command (Set Asynchronous Balanced Mode) (Sending FT to PT)

Item	SABM-command - Name of field	Ref.	Status	Supp.
Prerequisite: A.71/5				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.112: Class B SABM Control field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.110/2						
1	Spare field	7.4	m		'11'B	
2	U bits part 1	7.4, 7.11	m		'11'B	
3	P	7.4, 7.5.1, 9.2.1.2	m		'1'B	
4	U bits part 2	7.4, 7.11	m		'001'B	

Table A.113: Class B SABM Control field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.111/2						
1	Spare field	7.4	m		'11'B	
2	U bits part 1	7.4, 7.11	m		'11'B	
3	P	7.4, 7.5.1, 9.2.1.2	m		'1'B	
4	U bits part 2	7.4, 7.11	m		'001'B	

Table A.114: Class B SABM Address field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.110/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '110'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

Table A.115: Class B SABM Address field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.111/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '110'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

A.5.3.1.2.9   Class B DM response

Table A.116: Class B DM-response (Disconnect Mode) (Receiving PT to FT)

Item	DM-response - Name of field	Ref.	Status	Supp.
Prerequisite: A.70/6				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.117: Class B DM-response (Disconnect Mode) (Sending FT to PT)

Item	DM-response - Name of field	Ref.	Status	Supp.
Prerequisite: A.71/6				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.118: Class B DM Control field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.116/2						
1	Spare field	7.4	m		'11'B	
2	U bits part 1	7.4, 7.11	m		'11'B	
3	F	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	U bits part 2	7.4, 7.11	m		'000'B	

Table A.119: Class B DM Control field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.117/2						
1	Spare field	7.4	m		'11'B	
2	U bits part 1	7.4, 7.11	m		'11'B	
3	F	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	U bits part 2	7.4, 7.11	m		'000'B	

Table A.120: Class B DM Address field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.116/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

Table A.121: Class B DM Address field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.117/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

A.5.3.1.2.10   Class B DISC command

Table A.122: Class B DISC command (Disconnect) (Receiving PT to FT)

Item	DISC-command - Name of field	Ref.	Status	Supp.
Prerequisite: A.70/7				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.123: Class B DISC command (Disconnect) (Sending FT to PT)

Item	DISC-command - Name of field	Ref.	Status	Supp.
Prerequisite: A.71/7				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.124: Class B DISC Control field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.122/2						
1	Spare field	7.4	m		'11'B	
2	U bits part 1	7.4, 7.11	m		'00'B	
3	P	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	U bits part 2	7.4, 7.11	m		'010'B	

Table A.125: Class B DISC Control field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.123/2						
1	Spare field	7.4	m		'11'B	
2	U bits part 1	7.4, 7.11	m		'00'B	
3	P	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	U bits part 2	7.4, 7.11	m		'010'B	

Table A.126: Class B DISC Address field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.122/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

Table A.127: Class B DISC Address field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.123/1						
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

A.5.3.1.2.11   Class B UA response

Table A.128: Class B UA-response (Unnumbered ACK) (Receiving PT to FT)

Item	UA-response - Name of field	Ref.	Status	Supp.
Prerequisite: A.70/8				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.129: Class B UA-response (Unnumbered ACK) (Sending FT to PT)

Item	UA-response - Name of field	Ref.	Status	Supp.
Prerequisite: A.71/8				
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Fill field	7.8	m	
5	Checksum field	7.9	m	

Table A.130: Class B UA Control field (Receiving PT to FT)

Prerequisite: A.128/2						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Spare field	7.4	m		'11'B	
2	U bits part 1	7.4, 7.11	m		'00'B	
3	F	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	U bits part 2	7.4, 7.11	m		'011'B	

Table A.131: Class B UA Control field (Sending FT to PT)

Prerequisite: A.129/2						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Spare field	7.4	m		'11'B	
2	U bits part 1	7.4, 7.11	m		'00'B	
3	F	7.4, 7.5.1, 9.2.1.2	m		'0'B, '1'B	
4	U bits part 2	7.4, 7.11	m		'011'B	

Table A.132: Class B UA Address field (Receiving PT to FT)

Prerequisite: A.128/1						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'1'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

Table A.133: Class B UA Address field (Sending FT to PT)

Prerequisite: A.129/1						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B	
3	SAPI	7.2, 7.3.3	m		'00'B	
4	LLN	7.2, 7.3.5, 9.2.2.2	m		'010'B .. '111'B	
5	NLF	7.2, 7.3.4	m		'0'B, '1'B	

A.5.3.1.2.12 Class U UI command

Table A.134: Class U UI command (Unnumbered Information) (Receiving PT to FT)

Prerequisite: A.72/1				
Item	UI-command - Name of field	Ref.	Status	Supp.
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Information field	6.1	m	
5	Fill field	7.8	m	
6	Checksum field	7.9	m	

Table A.135: Class U UI command (Unnumbered Information) (Sending FT to PT)

Prerequisite: A.73/1				
Item	**UI-command - Name of field**	**Ref.**	**Status**	**Supp.**
1	Address field	7.2	m	
2	Control field	7.4	m	
3	Length indicator field	7.6	m	
4	Information field	6.1	m	
5	Fill field	7.8	m	
6	Checksum field	7.9	m	

Table A.136: Class U UI Control field (Receiving PT to FT)

Prerequisite: A.134/2						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	7.4	m		'11'B	
2	U bits part 1	7.4, 7.11	m		'00'B	
3	P	7.4, 7.5.1, 9.3.3.1	m		'0'B	
4	U bits part 2	7.4, 7.11	m		'000'B	

Table A.137: Class U UI Control field (Sending FT to PT)

Prerequisite: A.135/2						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	7.4	m		'11'B	
2	U bits part 1	7.4, 7.11	m		'00'B	
3	P	7.4, 7.5.1, 9.3.3.1	m		'0'B	
4	U bits part 2	7.4, 7.11	m		'000'B	

Table A.138: Class U UI Address field (Receiving PT to FT)

Prerequisite: A.134/1						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'0'B	
3	SAPI	7.2, 7.3.3	m		'00'B, '11'B	
4	LLN	7.2, 7.3.5	m		'000'B	
5	NLF	7.2, 7.3.4, 9.3.3.1	m		'0'B	

Table A.139: Class U UI Address field (Sending FT to PT)

Prerequisite: A.135/1						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	RES	7.2, 7.3.1	m		'1'B	
2	C/R	7.2, 7.3.2	m		'1'B	
3	SAPI	7.2, 7.3.3	m		'00'B, '11'B	
4	LLN	7.2, 7.3.5	m		'000'B	
5	NLF	7.2, 7.3.4, 9.3.3.1	m		'0'B	

A.5.3.2   U-plane PDUs

Table A.140: U-plane frames (Receiving PT to FT)

Item	U-plane frames	Ref.	Status	Support
— Prerequisite: A.9/2			
1	FU1 frame structure	12.2.1	c14001	
2	FU2 frame structure	12.3.1	c14002	
3	FU3 frame structure	12.4.1	c14003	
4	FU4 frame structure	12.5.1	c14004	
5	FU5 frame structure	12.6.1	c14005	
6	FU6 frame structure	12.7.1	c14006	
7	FU7 frame structure	11.9.4.2	c14007	
8	FU8 frame structure	11.10.3	c14008	
9	FU9 frame structure	11.11.1.1.1	c14009	
10	FU10 frame structure	12.11.1	c14010	

c14001:   IF A.44/1 OR A.50/1 THEN m else n/a.
c14002:   The use of this frame is for future application.
c14003:   The use of this frame is for future application.
c14004:   IF A.47/1 THEN m else n/a.
c14005:   IF A.47/2 OR A.50/2 THEN m else n/a.
c14006:   IF A.47/3 THEN m else n/a.
c14007:   IF A.53/1 THEN m else n/a.
c14008:   IF A.55/1 THEN m else n/a.
c14009:   IF A.57/1 THEN m else n/a.
c14010:   IF A.60/1 THEN m else n/a.

Table A.141: U-plane frames (Sending FT to PT)

Item	U-plane frames	Ref.	Status	Support
— Prerequisite: A.9/2			
1	FU1 frame structure	12.2.1	c14101	
2	FU2 frame structure	12.3.1	c14102	
3	FU3 frame structure	12.4.1	c14103	
4	FU4 frame structure	12.5.1	c14104	
5	FU5 frame structure	12.6.1	c14105	
6	FU6 frame structure	12.7.1	c14106	
7	FU7 frame structure	11.9.4.2	c14107	
8	FU8 frame structure	11.10.3	c14108	
9	FU9 frame structure	11.11.1.1.1	c14109	
10	FU10 frame structure	12.11.1	c14110	

c14101:   IF A.44/1 OR A.50/1 THEN m else n/a.
c14102:   The use of this frame is for future application.
c14103:   The use of this frame is for future application.
c14104:   IF A.47/1 THEN m else n/a.
c14105:   IF A.47/2 OR A.50/2 THEN m else n/a.
c14106:   IF A.47/3 THEN m else n/a.
c14107:   IF A.53/1 THEN m else n/a.
c14108:   IF A.55/1 THEN m else n/a.
c14109:   IF A.57/1 THEN m else n/a.
c14110:   IF A.60/1 THEN m else n/a.

A.5.3.2.1   FU1 frame structure

Table A.142: FU1 frame structure (Receiving PT to FT)

Item	FU1 frame structure - Name of field	Ref.	Status	Supp.
— Prerequisite: A.140/1			
1	Higher layer information	12.2.1	m	

Table A.143: FU1 frame structure (Sending FT to PT)

Prerequisite: A.141/1				
Item	**FU1 frame structure - Name of field**	**Ref.**	**Status**	**Supp.**
1	Higher layer information	12.2.1	m	

A.5.3.2.2   FU2 frame structure

Table A.144: FU2 frame structure (Receiving PT to FT)

Prerequisite: A.140/2				
Item	**FU2 frame structure - Name of field**	**Ref.**	**Status**	**Supp.**
1	Address field	12.3.1, 13.2.1	m	
2	Length indicator field	12.3.1, 13.3.2	m	
3	Information field	12.3.1	m	
4	Fill field	13.5	m	

Table A.145: FU2 frame structure (Sending FT to PT)

Prerequisite: A.141/2				
Item	**FU2 frame structure - Name of field**	**Ref.**	**Status**	**Supp.**
1	Address field	12.3.1, 13.2.1	m	
2	Length indicator field	12.3.1, 13.3.2	m	
3	Information field	12.3.1	m	
4	Fill field	13.5	m	

Table A.146: FU2 Address field (Receiving PT to FT)

Prerequisite: A.144/1						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	13.2	m		'1'B	
2	UCN (U-plane Channel Number)	13.2	m		'000'B .. '110'B	
3	ULN (U-plane Link Number)	13.2	m		'000'B .. '110'B	
4	G (flaG)	13.2	m		'0'B, '1''B	

Table A.147: FU2 Address field (Sending FT to PT)

Prerequisite: A.145/1						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Spare field	13.2	m		'1'B	
2	UCN (U-plane Channel Number)	13.2	m		'000'B .. '110'B	
3	ULN (U-plane Link Number)	13.2	m		'000'B .. '110'B	
4	G (flaG)	13.2	m		'0'B, '1''B	

Table A.148: FU2 Length indicator field (Receiving PT to FT)

Prerequisite: A.144/2						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

Table A.149: FU2 Length indicator field (Sending FT to PT)

Prerequisite: A.145/2						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

A.5.3.2.3   FU3a frame structure

Table A.150: FU3a frame structure (Receiving PT to FT)

Prerequisite: A.140/3				
Item	**FU3a frame structure - Name of field**	**Ref.**	**Status**	**Supp.**
1	Send sequence number	12.4.1, 13.4.1	m	
2	Receive sequence number	12.4.1, 13.4.3	m	
3	Information field	12.4.1	m	

Table A.151: FU3a frame structure (Sending FT to PT)

Prerequisite: A.141/3				
Item	**FU3a frame structure - Name of field**	**Ref.**	**Status**	**Supp.**
1	Send sequence number	12.4.1, 13.4.1	m	
2	Receive sequence number	12.4.1, 13.4.3	m	
3	Information field	12.4.1	m	

Table A.152: FU3a Send sequence number (Receiving PT to FT)

Prerequisite: A.150/1						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

Table A.153 FU3a Send sequence number (Sending FT to PT)

Prerequisite: A.151/1						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

Table A.154: FU3a Receive sequence number (Receiving PT to FT)

Prerequisite: A.150/2						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Eri	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

Table A.155: FU3a Receive sequence number (Sending FT to PT)

Prerequisite: A.151/2						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	ERi	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

A.5.3.2.4 FU3b frame structure

Table A.156: FU3b frame structure (Receiving PT to FT)

Prerequisite: A.140/3				
Item	**FU3b frame structure - Name of field**	**Ref.**	**Status**	**Supp.**
1	#1 Receive sequence number	12.4.1, 13.4.3	m	
2	#2 Receive sequence number	12.4.1, 13.4.3	m	
3	#3 Receive sequence number	12.4.1, 13.4.3	m	
4	#4 Receive sequence number	12.4.1, 13.4.3	m	
5	#5 Receive sequence number	12.4.1, 13.4.3	m	
6	#6 Receive sequence number	12.4.1, 13.4.3	m	
7	#7 Receive sequence number	12.4.1, 13.4.3	m	

Table A.157: FU3b frame structure (Sending FT to PT)

Prerequisite: A.141/3				
Item	**FU3b frame structure - Name of field**	**Ref.**	**Status**	**Supp.**
1	#1 Receive sequence number	12.4.1, 13.4.3	m	
2	#2 Receive sequence number	12.4.1, 13.4.3	m	
3	#3 Receive sequence number	12.4.1, 13.4.3	m	
4	#4 Receive sequence number	12.4.1, 13.4.3	m	
5	#5 Receive sequence number	12.4.1, 13.4.3	m	
6	#6 Receive sequence number	12.4.1, 13.4.3	m	
7	#7 Receive sequence number	12.4.1, 13.4.3	m	

Table A.158: FU3b Receive sequence number (Receiving PT to FT)

Prerequisite: A.156/1 TO A.156/7						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Eri	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

Table A.159: FU3b Receive sequence number (Sending FT to PT)

Prerequisite: A.157/1 TO A.157/7						
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Eri	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

A.5.3.2.5 FU4a frame structure

Table A.160: FU4a frame structure (Receiving PT to FT)

Prerequisite: A.140/4

Item	FU4a frame structure - Name of field	Ref.	Status	Supp.
1	Length indicator field	12.5.1, 13.3.2	m	
2	Send sequence number	12.5.1, 13.4.1	m	
3	Receive sequence number	12.5.1, 13.4.3	m	
4	Information field	12.5.1	m	
5	Fill field	13.5	m	

Table A.161: FU4a frame structure (Sending FT to PT)

Prerequisite: A.141/4

Item	FU4a frame structure - Name of field	Ref.	Status	Supp.
1	Length indicator field	12.5.1, 13.3.2	m	
2	Send sequence number	12.5.1, 13.4.1	m	
3	Receive sequence number	12.5.1, 13.4.3	m	
4	Information field	12.5.1	m	
5	Fill field	13.5	m	

Table A.162: FU4a Length indicator field (Receiving PT to FT)

Prerequisite: A.160/1

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

Table A.163: FU4a Length indicator field (Sending FT to PT)

Prerequisite: A.161/1

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

Table A.164: FU4a Send sequence number (Receiving PT to FT)

Prerequisite: A.160/2

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

Table A.165: FU4a Send sequence number (Sending FT to PT)

Prerequisite: A.161/2

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

Table A.166: FU4a Receive sequence number (Receiving PT to FT)

	Prerequisite: A.160/3					
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Eri	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

Table A.167: FU4a Receive sequence number (Sending FT to PT)

	Prerequisite: A.161/3					
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Eri	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

A.5.3.2.6   FU4b frame structure

Table A.168 FU4b frame structure (Receiving PT to FT)

	Prerequisite: A.140/4			
Item	**FU4b frame structure - Name of field**	**Ref.**	**Status**	**Supp.**
1	#1 Receive sequence number	12.5.1, 13.4.3	m	
2	#2 Receive sequence number	12.5.1, 13.4.3	m	
3	#3 Receive sequence number	12.5.1, 13.4.3	m	
4	#4 Receive sequence number	12.5.1, 13.4.3	m	
5	#5 Receive sequence number	12.5.1, 13.4.3	m	
6	#6 Receive sequence number	12.5.1, 13.4.3	m	
7	#7 Receive sequence number	12.5.1, 13.4.3	m	

Table A.169 FU4b frame structure (Sending FT to PT)

	Prerequisite: A.141/4			
Item	**FU4b frame structure - Name of field**	**Ref.**	**Status**	**Supp.**
1	#1 Receive sequence number	12.5.1, 13.4.3	m	
2	#2 Receive sequence number	12.5.1, 13.4.3	m	
3	#3 Receive sequence number	12.5.1, 13.4.3	m	
4	#4 Receive sequence number	12.5.1, 13.4.3	m	
5	#5 Receive sequence number	12.5.1, 13.4.3	m	
6	#6 Receive sequence number	12.5.1, 13.4.3	m	
7	#7 Receive sequence number	12.5.1, 13.4.3	m	

Table A.170 FU4b Receive sequence number (Receiving PT to FT)

	Prerequisite: A.168/1 TO A.168/7					
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	Eri	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

Table A.171 FU4b Receive sequence number (Sending FT to PT)

	Prerequisite: A.169/1 TO A.169/7					
Item	**Name of sub-field**	**Ref.**	**Status**	**Supp.**	**Value Allowed**	**Value Supported**
1	ERi	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

A.5.3.2.7 FU5a frame structure

Table A.172: FU5a frame structure (Receiving PT to FT)

Item	FU5a frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.140/5				
1	Address field	12.6.1, 13.2.1	m	
2	Length indicator field	12.6.1, 13.3.2	m	
3	Send sequence number	12.6.1, 13.4.1	m	
4	Receive sequence number	12.6.1, 13.4.3	m	
5	Information field	12.6.1	m	
6	Fill field	13.5	m	

Table A.173: FU5a frame structure (Sending FT to PT)

Item	FU5a frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.141/5				
1	Address field	12.6.1, 13.2.1	m	
2	Length indicator field	12.6.1, 13.3.2	m	
3	Send sequence number	12.6.1, 13.4.1	m	
4	Receive sequence number	12.6.1, 13.4.3	m	
5	Information field	12.6.1	m	
6	Fill field	13.5	m	

Table A.174: FU5a Address field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.172/1						
1	Spare field	13.2	m		'1'B	
2	UCN (U-plane Channel Number)	13.2	m		'000'B .. '110'B	
3	ULN (U-plane Link Number)	13.2	m		'000'B .. '110'B	
4	G (flaG)	13.2	m		'0'B, '1''B	

Table A.175: FU5a Address field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.173/1						
1	Spare field	13.2	m		'1'B	
2	UCN (U-plane Channel Number)	13.2	m		'000'B .. '110'B	
3	ULN (U-plane Link Number)	13.2	m		'000'B .. '110'B	
4	G (flaG)	13.2	m		'0'B, '1''B	

Table A.176: FU5a Length indicator field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.172/2						
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

Table A.177: FU5a Length indicator field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.173/2						
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

Table A.178: FU5a Send sequence number (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.172/3						
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

Table A.179: FU5a Send sequence number (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.173/3						
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

Table A.180: FU5a Receive sequence number (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.172/4						
1	ERi	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

Table A.181: FU5a Receive sequence number (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.173/4						
1	ERi	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

A.5.3.2.8   FU5b frame structure

Table A.182: FU5b frame structure (Receiving PT to FT)

Item	FU5b frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.140/5				
1	Address field	12.6.1, 13.2.1	m	
2	#1 Receive sequence number	12.6.1, 13.4.3	m	
3	#2 Receive sequence number	12.6.1, 13.4.3	m	
4	#3 Receive sequence number	12.6.1, 13.4.3	m	
5	#4 Receive sequence number	12.6.1, 13.4.3	m	
6	#5 Receive sequence number	12.6.1, 13.4.3	m	
7	#6 Receive sequence number	12.6.1, 13.4.3	m	

Table A.183: FU5b frame structure (Sending FT to PT)

Item	FU5b frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.141/5				
1	Address field	12.6.1, 13.2.1	m	
2	#1 Receive sequence number	12.6.1, 13.4.3	m	
3	#2 Receive sequence number	12.6.1, 13.4.3	m	
4	#3 Receive sequence number	12.6.1, 13.4.3	m	
5	#4 Receive sequence number	12.6.1, 13.4.3	m	
6	#5 Receive sequence number	12.6.1, 13.4.3	m	
7	#6 Receive sequence number	12.6.1, 13.4.3	m	

Table A.184: FU5b Address field (Receiving PT to FT)

Prerequisite: A.182/1						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Spare field	13.2	m		'1'B	
2	UCN (U-plane Channel Number)	13.2	m		'000'B .. '110'B	
3	ULN (U-plane Link Number)	13.2	m		'000'B .. '110'B	
4	G (flaG)	13.2	m		'0'B, '1''B	

Table A.185: FU5b Address field (Sending FT to PT)

Prerequisite: A.183/1						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Spare field	13.2	m		'1'B	
2	UCN (U-plane Channel Number)	13.2	m		'000'B .. '110'B	
3	ULN (U-plane Link Number)	13.2	m		'000'B .. '110'B	
4	G (flaG)	13.2	m		'0'B, '1''B	

Table A.186: FU5b Receive sequence number (Receiving PT to FT)

Prerequisite: A.182/2 TO A.182/7						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Eri	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

Table A.187: FU5b Receive sequence number (Sending FT to PT)

Prerequisite: A.183/2 TO A.183/7						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Eri	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

A.5.3.2.9   FU6a frame structure

Table A.188: FU6a frame structure (Receiving PT to FT)

Prerequisite: A.140/6				
Item	FU6a frame structure - Name of field	Ref.	Status	Supp.
1	Length indicator field	12.7.1, 13.3.2	m	
2	Send sequence number	12.7.1, 13.4.1	m	
3	Information field	12.7.1	m	
4	Fill field	13.5	m	

Table A.189: FU6a frame structure (Sending FT to PT)

Prerequisite: A.141/6				
Item	FU6a frame structure - Name of field	Ref.	Status	Supp.
1	Length indicator field	12.7.1, 13.3.2	m	
2	Send sequence number	12.7.1, 13.4.1	m	
3	Information field	12.7.1	m	
4	Fill field	13.5	m	

Table A.190: FU6a Length indicator field (Receiving PT to FT)

Prerequisite: A.188/1

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

Table A.191: FU6a Length indicator field (Sending FT to PT)

Prerequisite: A.189/1

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

Table A.192: FU6a Send sequence number (Receiving PT to FT)

Prerequisite: A.188/2

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

Table A.193: FU6a Send sequence number (Sending FT to PT)

Prerequisite: A.189/2

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

A.5.3.2.10   FU6b frame structure

Table A.194: FU6b frame structure (Receiving PT to FT)

Prerequisite: A.140/6

Item	FU6b frame structure - Name of field	Ref.	Status	Supp.
1	#1 Receive sequence number	12.7.1, 13.4.3	m	
2	#2 Receive sequence number	12.7.1, 13.4.3	m	
3	#3 Receive sequence number	12.7.1, 13.4.3	m	
4	#4 Receive sequence number	12.7.1, 13.4.3	m	
5	#5 Receive sequence number	12.7.1, 13.4.3	m	
6	#6 Receive sequence number	12.7.1, 13.4.3	m	
7	#7 Receive sequence number	12.7.1, 13.4.3	m	

Table A.195: FU6b frame structure (Sending FT to PT)

Prerequisite: A.141/6

Item	FU6b frame structure - Name of field	Ref.	Status	Supp.
1	#1 Receive sequence number	12.7.1, 13.4.3	m	
2	#2 Receive sequence number	12.7.1, 13.4.3	m	
3	#3 Receive sequence number	12.7.1, 13.4.3	m	
4	#4 Receive sequence number	12.7.1, 13.4.3	m	
5	#5 Receive sequence number	12.7.1, 13.4.3	m	
6	#6 Receive sequence number	12.7.1, 13.4.3	m	
7	#7 Receive sequence number	12.7.1, 13.4.3	m	

Table A.196: FU6b Receive sequence number (Receiving PT to FT)

Prerequisite: A.194/1 TO A.194/7						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	ERi	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

Table A.197: FU6b Receive sequence number (Sending FT to PT)

Prerequisite: A.195/1 TO A.195/7						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Eri	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

A.5.3.2.11   FU7 frame structure

Table A.198: FU7 frame structure (Receiving PT to FT)

Prerequisite: A.140/7				
Item	FU7 frame structure - Name of field	Ref.	Status	Supp.
1	Control field (2 bytes)	11.9.4.2.1	m	
2	Information field (90 bytes)	11.9.4.2.2	m	
3	ARQ Checksum (2 bytes)	11.9.4.2.3	m	
4	RS parity symbol field (6 bytes)	11.9.4.2	m	

Table A.199: FU7 frame structure (Sending FT to PT)

Prerequisite: A.141/7				
Item	FU7 frame structure - Name of field	Ref.	Status	Supp.
1	Control field (2 bytes)	11.9.4.2.1	m	
2	Information field (90 bytes)	11.9.4.2.2	m	
3	ARQ Checksum (2 bytes)	11.9.4.2.3	m	
4	RS parity symbol field (6 bytes)	11.9.4.2	m	

Table A.200: FU7 64 kbit/s control field (Receiving PT to FT)

Prerequisite: A.198/1						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	N(O)	11.9.4.2.1.4	m		6 bits value	
2	Format-1	11.9.4.2.1.1	m		'00'B	
3	N(S)	11.9.4.2.1.7	m		3 bits value	
4	N(R)	11.9.4.2.1.9	m		3 bits value	
5	Format-2	11.9.4.2.1.1	m		'00'B, '01'B	

Table A.201: FU7 64 kbit/s control field (Sending FT to PT)

Prerequisite: A.199/1						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	N(O)	11.9.4.2.1.4	m		6 bits value	
2	Format-1	11.9.4.2.1.1	m		'00'B	
3	N(S)	11.9.4.2.1.7	m		3 bits value	
4	N(R)	11.9.4.2.1.9	m		3 bits value	
5	Format-2	11.9.4.2.1.1	m		'00'B, '01'B	

Table A.202: FU7 72 kbit/s control field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.198/1
1	N(O)	11.9.4.2.1.4	m		6 bits value	
2	Format-1	11.9.4.2.1.1	m		'01'B	
3	N(S)	11.9.4.2.1.7	m		3 bits value	
4	N(R)	11.9.4.2.1.9	m		3 bits value	
5	Format-2	11.9.4.2.1.1	m		'00'B, '01'B	

Table A.203: FU7 72 kbit/s control field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.199/1
1	N(O)	11.9.4.2.1.4	m		6 bits value	
2	Format-1	11.9.4.2.1.1	m		'01'B	
3	N(S)	11.9.4.2.1.7	m		3 bits value	
4	N(R)	11.9.4.2.1.9	m		3 bits value	
5	Format-2	11.9.4.2.1.1	m		'00'B, '01'B	

A.5.3.2.12   FU8 frame structure

Table A.204: FU8 frame structure (Receiving PT to FT)

Item	FU8 frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.140/8
1	Control field (2 bytes)	11.10.3	m	
2	Information field (90 bytes)	11.10.3	m	
3	Spare (2 bytes)	11.10.3	m	
4	RS parity symbol field (6 bytes)	11.10.3	m	

Table A.205: FU8 frame structure (Sending FT to PT)

Item	FU8 frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.141/8
1	Control field (2 bytes)	11.10.3	m	
2	Information field (90 bytes)	11.10.3	m	
3	Spare (2 bytes)	11.10.3	m	
4	RS parity symbol field (6 bytes)	11.10.3	m	

Table A.206: FU8 64 kbit/s control field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.204/1
1	N(O)	11.10.3	m		6 bits value	
2	Format-1	11.10.3	m		'00'B	
3	N(S)	11.10.3	m		3 bits value	
4	N(R)	11.10.3	m		3 bits value	
5	Format-2	11.10.3	m		'00'B, '01'B	

Table A.207: FU8 64 kbit/s control field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.205/1						
1	N(O)	11.10.3	m		6 bits value	
2	Format-1	11.10.3	m		'00'B	
3	N(S)	11.10.3	m		3 bits value	
4	N(R)	11.10.3	m		3 bits value	
5	Format-2	11.10.3	m		'00'B, '01'B	

Table A.208: FU8 72 kbit/s control field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.204/1						
1	N(O)	11.10.3	m		6 bits value	
2	Format-1	11.10.3	m		'01'B	
3	N(S)	11.10.3	m		3 bits value	
4	N(R)	11.10.3	m		3 bits value	
5	Format-2	11.10.3	m		'00'B, '01'B	

Table A.209: FU8 72 kbit/s control field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.205/1						
1	N(O)	11.10.3	m		6 bits value	
2	Format-1	11.10.3	m		'01'B	
3	N(S)	11.10.3	m		3 bits value	
4	N(R)	11.10.3	m		3 bits value	
5	Format-2	11.10.3	m		'00'B, '01'B	

A.5.3.2.13   FU9 frame structure

Table A.210: FU9 frame structure (Receiving PT to FT)

Item	FU9 frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.140/9				
1	Alignment field	11.11.1.1.1, 11.11.2.2	m	
2	V.24 signalling field	11.11.1.1.1, 11.11.3.1	m	
3	Rate field	11.11.1.1.1, 11.11.4.1	m	
4	DIC Control field	11.11.1.1.1, 11.11.5.2	m	
5	DIC data field	11.11.1.1.1	m	
6	Information field	11.11.1.1.1	m	

Table A.211: FU9 frame structure (Sending FT to PT)

Item	FU9 frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.141/9				
1	Alignment field	11.11.1.1.1, 11.11.2.2	m	
2	V.24 signalling field	11.11.1.1.1, 11.11.3.1	m	
3	Rate field	11.11.1.1.1, 11.11.4.1	m	
4	DIC Control field	11.11.1.1.1, 11.11.5.2	m	
5	DIC data field	11.11.1.1.1	m	
6	Information field	11.11.1.1.1	m	

Table A.212: FU9 Alignment field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.210/1						
1	Alignment field	11.11.2.2	m		'00'B, '11'B	

Table A.213: FU9 Alignment field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.211/1						
1	Alignment field	11.11.2.2	m		'00'B, '11'B	

Table A.214: FU9 V.24 signalling field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.210/2						
1	CTS bit	11.11.3.1	m		'0'B, '1'B	
2	DCD bit	11.11.3.1	m		'0'B, '1'B	

Table A.215: FU9 V.24 signalling field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.211/2						
1	CTS bit	11.11.3.1	m		'0'B, '1'B	
2	DCD bit	11.11.3.1	m		'0'B, '1'B	

Table A.216: FU9 Rate field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.210/3						
1	Spare	11.11.4.1	m		don't care	
2	Rate field	11.11.4.1	m		c21601	
c21601: IF user data resolution is nx2.4 kbit/s THEN ('0000'B .. '1100'B) ELSE IF user data resolution is nx4 kbit/s THEN ('0000'B .. '0111'B).						

Table A.217: FU9 Rate field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.211/3						
1	Spare	11.11.4.1	m		don't care	
2	Rate field	11.11.4.1	m		c21701	
c21701: IF user data resolution is nx2.4 kbit/s THEN ('0000'B .. '1100'B) ELSE IF user data resolution is nx4 kbit/s THEN ('0000'B .. '0111'B).						

Table A.218: FU9 DIC control field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.210/4						
1	DIC control field	11.11.5.2	m		'000'B, '010'B, '011'B, '100'B, '111'B	

Table A.219: FU9 DIC control field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.211/4						
1	DIC control field	11.11.5.2	m		'000'B, '010'B, '011'B, '100'B, '111'B	

A.5.3.2.14   FU10a frame structure

Table A.220: FU10a frame structure (Receiving PT to FT)

Item	FU10a frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.140/10				
1	Send sequence number	12.11.1, 13.4.1	m	
2	Length indicator field(s)	12.11.1, 13.3.2	m	
3	Information field(s)	12.11.1	m	
4	Fill field	13.5	m	

Table A.221: FU10a frame structure (Sending FT to PT)

Item	FU10a frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.141/10				
1	Send sequence number	12.11.1, 13.4.1	m	
2	Length indicator field(s)	12.11.1, 13.3.2	m	
3	Information field(s)	12.11.1	m	
4	Fill field	13.5	m	

Table A.222: FU10a Send sequence number (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.220/1						
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

Table A.223: FU10a Send sequence number (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.221/1						
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

Table A.224: FU10a Length indicator field (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.220/2						
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

Table A.225: FU10a Length indicator field (Sending FT to PT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.221/2						
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

A.5.3.2.15   FU10b frame structure

Table A.226: FU10b frame structure (Receiving PT to FT)

Item	FU10b frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.140/10				
1	Send sequence number	12.11.1, 13.4.1	m	
2	Receive sequence number	12.11.1, 13.4.3	m	
3	Length indicator field(s)	12.11.1, 13.3.2	m	
4	Information field(s)	12.11.1	m	
5	Fill field	13.5	m	

Table A.227: FU10b frame structure (Sending FT to PT)

Item	FU10b frame structure - Name of field	Ref.	Status	Supp.
Prerequisite: A.141/10				
1	Send sequence number	12.11.1, 13.4.1	m	
2	Receive sequence number	12.11.1, 13.4.3	m	
3	Length indicator field(s)	12.11.1, 13.3.2	m	
4	Information field(s)	12.11.1	m	
5	Fill field	13.5	m	

Table A.228: FU10b Send sequence number (Receiving PT to FT)

Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
Prerequisite: A.226/1						
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

Table A.229: FU10b Send sequence number (Sending FT to PT)

Prerequisite: A.227/1						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	ESi	13.4.1, 13.4.2, 14.2, 14.3	m		7 bits value	
2	I/R bit	13.4.1, 13.4.2	m		'0'B, '1'B	

Table A.230: FU10b Receive sequence number (Receiving PT to FT)

Prerequisite: A.226/2						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Eri	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

Table A.231: FU510 Receive sequence number (Sending FT to PT)

Prerequisite: A.227/2						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Eri	13.4.3, 13.4.4, 14.2, 14.3	m		7 bits value	
2	A/N bit	13.4.3, 13.4.4	m		'0'B, '1'B	

Table A.232: FU10b Length indicator field (Receiving PT to FT)

Prerequisite: A.226/3						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

Table A.233: FU10b Length indicator field (Sending FT to PT)

Prerequisite: A.227/3						
Item	Name of sub-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M (more data bit)	13.3.2	m		'0'B, '1'B	
2	Length of information field	13.3.2	m		7 bits value	

A.5.4 Protocol error handling

A.5.4.1 General error handling

Table A.234: General error handling

Prerequisite: A.10/1 OR A.10/2 OR A.10/3				
Item	General error handling	Ref.	Status	Support
1	Unknown frames are discarded	9.2.9.1, 7.11	m	
2	Invalid frames are discarded	9.2.9.1, 6.1.5	m	

A.5.4.2   Class A error handling and recovery

Table A.235: Class A error handling and recovery

Prerequisite: A.10/2				
Item	**Class A error handling and recoverys**	**Ref.**	**Status**	**Support**
1	Waiting for acknowledgement, timer DL.04 expiry	9.2.3.6	m	

A.5.4.3   Class B error handling and recovery

Table A.236: Class B error handling and recovery

Prerequisite: A.10/3				
Item	**Class B error handling and recovery**	**Ref.**	**Status**	**Support**
1	N(S) sequence error	9.2.9.2.1	m	
2	N(R) sequence error	9.2.9.2.2	m	
3	Timer recovery condition	9.2.9.2.3	m	
4	Collision of identical transmitted and received commands	9.2.9.2.4	m	

Bibliography

The following material, though not specifically referenced in the body of the present document (or not publicly available), gives supporting information.

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

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

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

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

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

- EN 300 175-8: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 8: Speech coding and transmission".

- ETS 300 406 (1995): "Methods for Testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".

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