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*European Standard (Telecommunications series)*

**Digital Enhanced Cordless Telecommunications (DECT);  
Common Interface (CI);  
Protocol Implementation Conformance Statement (PICS)  
proforma;  
Part 6: Medium Access Control (MAC) layer -  
Fixed radio Termination (FT)**

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**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 6 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 medium access control layer.

<b>Proposed national transposition dates</b>	
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



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# 1 Scope

The present document provides the Protocol Implementation Conformance Statement (PICS) proforma for the Digital Enhanced Cordless Telecommunications Medium Access Control layer at the Fixed Termination as defined in EN 300 175-3 [2] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [4].

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## 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 300 175-3: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer".
- [3] ISO/IEC 9646-1: "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".
- [4] ISO/IEC 9646-7: "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".
- 

## 3 Definitions and abbreviations

### 3.1 Definitions

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

- 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.

## 3.2 Abbreviations

For the purposes of the present document, the abbreviations defined in ISO/IEC 9646-1 [3], the medium access control layer abbreviations defined in EN 300 175-3 [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 proforma specification

The supplier of a protocol implementation which is claimed to conform to the fixed termination specific requirements of EN 300 175-3 [2] shall complete a copy of the PICS proforma provided in Annex A and shall provide the information necessary to identify both the supplier and the implementation.

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

## Annex A (normative): PICS proforma for DECT MAC 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 is to provide a mechanism whereby a supplier of an implementation of the fixed termination specific medium access control layer requirements of EN 300 175-3: DECT Medium Access Control Layer may provide information in a standard form.

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

- guidances for completing the PICS proforma;
- identification of the implementation;
- identification of the protocol;
- services, procedures and functions;
- timers and protocol parameters;
- messages.

#### A.1.2 Symbols, abbreviations and conventions

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   | mandatory - the capability is required to be supported.  |
| 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 | not applicable - in the given context, it is impossible to use the capability.   |
| x   | prohibited (excluded) - there is a requirement not to use this capability in the given context.  |

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

### Reference column

The reference column gives reference to EN 300 175-3, 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 received 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 table title indicates that 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 enter an explicit statement in each of the tables provided using the notation described in subclause A.1.2. If necessary, 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	Radio Fixed Part Identity (RFPI)
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 identification**

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 identification**

Contact person	
Name	
Address	
Phone No.	
Fax No.	

---

## A.3 Identification of the protocol

**Table A.7: Identification of protocol**

Identification of protocol	
Title of specification	Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer
Reference no.	EN 300 175-3
Date of Publication	

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## A.4 Global statement of conformance

The supplier of the implementation shall state whether or not all mandatory capabilities are implemented for EN 300 175-3: Medium Access Control Layer.

**Table A.8: Global statement of conformance**

Are all mandatory capabilities implemented?	
---	--

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

## A.5 Capabilities

### A.5.1 Services

The supplier of the implementation shall state the support of the implementation for each of the following services, in the table below.

**Table A.9: Service groups supported**

Item	Name of service	Ref.	Status	Support
1	Connection oriented control	5.6	o.901	
2	Broadcast control	5.7.1	o.901	
3	Connectionless control	5.7.2	o.901	
4	Multiplexing	6	m	
5	Management	11	m	

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

#### A.5.1.1 Connection oriented control services

**Table A.10: Connection oriented control services**

Prerequisite: A.9/1

Item	Connection oriented control services	Ref.	Status	Supp.
1	Basic connections	5.6.1.1	o.1001	
2	Advanced symmetric connections	5.6.2.1	o.1001	
3	Advanced asymmetric connections	5.6.2.2	o.1001	
4	Physical connections	5.6.1.4	o.1001	

o.1001: It is mandatory to support at least one of these options.

**Table A.11: Connection services**

Prerequisite: A.10/1 OR A.10/2 OR A.10/3 OR A.10/4

Item	Connection services	Ref.	Status	Support
1	Connection set-up	10.2	m	
2	Connection modification	10.3	c1101	
3	Connection data transfer	10.8	m	
4	Connection release	10.4	m	
5	FT connections with CRFP	10.9	o	

c1101: IF A.9/2 OR A.9/3 THEN o ELSE n/a.

**Table A.12: Symmetric connection oriented services**

Prerequisite: A.10/2

Item	Symmetric connection oriented services	Ref.	Status	Support
1	Type 1 IN_minimum_delay	5.6.2.1	o.1201	
2	Type 2 IN_normal_delay	5.6.2.1	o.1201	
3	Type 3 IP_error_detection	5.6.2.1	o.1201	
4	Type 4 IP_error_correction	5.6.2.1	o.1201	

o.1201: It is mandatory to support at least one of these options.

**Table A.13: Asymmetric connection oriented services**

Prerequisite: A.10/3				
Item	Asymmetric connection oriented services	Ref.	Status	Support
1	Type 5 IN_normal_delay	5.6.2.2	o.1301	
2	Type 6 IP_error_detection	5.6.2.2	o.1301	
3	Type 7 IP_error_correction	5.6.2.2	o.1301	
o.1301: It is mandatory to support at least one of these options.				

**Table A.14: C-plane connection services**

Prerequisite: A.10/1 OR A.10/2 OR A.10/3 OR A.10/4				
Item	C-plane connection services	Ref.	Status	Support
1	Only C <sub>S</sub> channel supported	10.8.1	o.1401	
2	C <sub>S</sub> and C <sub>F</sub> channels supported	10.8.1	o.1401	
3	Only C <sub>F</sub> channel supported	10.8.1	o.1401	
o.1401: It is mandatory to support at least one of these options.				

### A.5.1.2 Broadcast control services

**Table A.15: Broadcast services**

Prerequisite: A.9/2				
Item	Broadcast services	Ref.	Status	Support
1	Continuous broadcast	5.7.1.1	m	
2	Non-continuous broadcast	5.7.1.2	o	
3	Paging broadcast	9.1.3	o	

### A.5.1.3 Connectionless control services

**Table A.16: Connectionless control services**

Prerequisite: A.9/3				
Item	Broadcast services	Ref.	Status	Support
1	Downlink connectionless	5.7.2.1	o	
2	Uplink connectionless	5.7.2.2	o	

#### A.5.1.3.1 Downlink connectionless services

**Table A.17: Downlink connectionless services**

Prerequisite: A.16/1				
Item	Downlink connectionless services	Ref.	Status	Support
1	CL <sub>S</sub> channel only, short simplex bearer	5.7.2.1	o.1701	
2	CL <sub>S</sub> and CL <sub>F</sub> channels, long simplex bearer	5.7.2.1	o.1701	
3	CL <sub>S</sub> and SI <sub>N</sub> channels, long simplex bearer	5.7.2.1	o.1701	
4	CL <sub>S</sub> and SI <sub>P</sub> channels, long simplex bearer	5.7.2.1	o.1701	
o.1701: It is mandatory to support at least one of these options.				



## A.5.1.3.2 Uplink connectionless services

Table A.18: Uplink connectionless services

Prerequisite: A.16/2				
Item	Uplink connectionless services	Ref.	Status	Support
1	CL <sub>S</sub> channel only, short simplex bearer	5.7.2.2	o.1801	
2	CL <sub>S</sub> channel only, long simplex bearer	5.7.2.2	o.1801	
3	CL <sub>F</sub> channel only, long simplex bearer	5.7.2.2	o.1801	
4	No SDU, PMID only, short simplex bearer	5.7.2.2	o.1801	
5	No SDU, PMID only, long simplex bearer	5.7.2.2	o.1801	
o.1801: It is mandatory to support at least one of these options.				

## A.5.1.4 Multiplexing services

Table A.19: CSF multiplexing services

Prerequisite: A.9/4				
Item	CSF multiplexing services	Ref.	Status	Support
1	D-MAP	6.2.1.1	m	
2	A-MAP	6.2.1.2	m	
3	B-MAP	6.2.1.3	o	
4	T-MUX	6.2.2.1	m	
5	E/U-MUX	6.2.2.2	o	
6	C-MUX	6.2.2.3	o	
7	Encryption activation	6.2.3	o	
8	Encryption deactivation	6.2.3	o	
9	Scrambling	6.2.4	m	
10	Error control R-CRC	6.2.5.1	o	
11	Error control X-CRC	6.2.5.3	o	
12	Broadcast control	6.2.6	m	

Table A.20: D-MAP services

Prerequisite: A.19/1				
Item	D-MAP	Ref.	Status	Support
1	D-field MAP D80	6.2.1.1	o.2001	
2	D-field MAP D32	6.2.1.1	o.2001	
3	D-field MAP D08	6.2.1.1	o.2001	
4	D-field MAP D00	6.2.1.1	o.2001	
5	D-field MAP D160	6.2.1.1	o.2001	
6	D-field MAP D64	6.2.1.1	o.2001	
7	D-field MAP D16	6.2.1.1	o.2001	
8	D-field MAP D240	6.2.1.1	o.2001	
9	D-field MAP D96	6.2.1.1	o.2001	
10	D-field MAP D24	6.2.1.1	o.2001	
o.2001: It is mandatory to support at least one of these options.				

Table A.21: B-MAP services

Prerequisite: A.19/3				
Item	B-MAP	Ref.	Status	Support
1	B-field MAP unprotected format	6.2.1.3	o.2101	
2	B-field MAP protected format	6.2.1.3	o.2101	
o.2101: It is mandatory to support at least one of these options.				

Table A.22: E/U mux services

Prerequisite: A.19/5				
Item	E/U MUX	Ref.	Status	Support
1	E/U-mux E type	6.2.2.2	o.2201	
2	E/U-mux U type	6.2.2.2	o.2201	

o.2201: It is mandatory to support at least one of these options.

Table A.23: C mux mapping services

Prerequisite: A.19/6				
Item	Time multiplexers - C mux	Ref.	Status	Support
1	C-mux double slot	6.2.2.3.1	o.2301	
2	C-mux full slot	6.2.2.3.1	o.2301	
3	C-mux half slot	6.2.2.3.2	o.2301	

o.2301: It is mandatory to support at least one of these options.

### A.5.1.5 Management services

Table A.24: Management services

Prerequisite: A.9/5				
Item	Management services	Ref.	Status	Support
1	Broadcasting	11.1	c2401	
2	Extended system information	11.2	o	
3	PP states and state transition	11.3	n/a	
4	Physical channel selection	11.4	m	
5	In-connection quality control	11.5	m	
6	RFP system load	11.6	m	
7	Receiver scan sequence	11.9	m	
8	Test messages	12	o	
9	SARI support	7.2.3.6.2	c2402	
10	TARI support	7.2.5.10	c2403	

c2401: IF A.15/1 THEN m ELSE n/a.  
c2402: IF A.2415/1 THEN m ELSE n/a.  
c2403: IF A.24/2 THEN m ELSE n/a.

Table A.25: Handover services management

Item	Name of service	Ref.	Status	Supp.
1	Connection handover	10.2.4.1	c2501	
2	Bearer handover	10.6	o	

c2501: IF A.9/1 THEN o ELSE n/a.

## A.5.2 Procedures

The supplier of the implementation shall state the support of the implementation for each of the following procedures, in the tables below.

## A.5.2.1 Connection procedures

### A.5.2.1.1 Connection set-up procedures

**Table A.26: C/O single bearer set-up procedures**

Prerequisite: A.10/1 AND A.11/1				
Item	Name of procedure	Ref.	Status	Supp.
1	Basic set-up, single bearer basic connection of known service	10.2.4.2	o.2601	
2	Normal set-up, single bearer duplex connection known service	10.2.4.2	o.2601	
3	Fast set-up, single bearer duplex connection known service	10.2.4.2	o.2601	
o.2601: It is mandatory to support at least one of these options.				

**Table A.27: C/O multi-bearer symmetric set-up procedures**

Prerequisite: A.10/2 AND A.11/1				
Item	Name of procedure	Ref.	Status	Supp.
1	Normal set-up, multi-bearer symmetric connection	10.2.4.3.1	o.2701	
2	Fast set-up, multi-bearer symmetric connection	10.2.4.3.1	o.2701	
o.2701: It is mandatory to support at least one of these options.				

**Table A.28: C/O multi-bearer asymmetric set-up procedures**

Prerequisite: A.10/3 AND A.11/1				
Item	Name of procedure	Ref.	Status	Supp.
1	Normal set-up, multi-bearer fully asymmetric UL connection	10.2.4.3.2	o.2801	
2	Fast set-up, multi-bearer fully asymmetric UL connection	10.2.4.3.2	o.2801	
3	Normal set-up, multi-bearer fully asymmetric DL connection	10.2.4.3.3	o.2801	
4	Fast set-up, multi-bearer fully asymmetric DL connection	10.2.4.3.3	o.2801	
o.2801: It is mandatory to support at least one of these options.				

Table A.29: C/O bearer set-up procedures

Prerequisite: A.11/1				
Item	Name of procedure	Ref.	Status	Supp.
1	Basic bearer set-up	10.5.1.1	c2901	
2	PT initiated - A-field advanced single bearer set-up	10.5.1.2.1	c2902	
3	PT initiated - B-field single bearer set-up	10.5.1.3.1	c2902	
4	FT initiated - A-field advanced single bearer set-up	10.5.1.2.2	c2903	
5	FT initiated - B-field single bearer set-up	10.5.1.3.2	c2904	
6	Double simplex bearer set-up, indirect	10.5.1.4	c2905	
7	Double simplex bearer set-up, direct	10.5.1.4	c2905	
8	Physical connection bearer set-up	10.5.1.5	o	
9	Double duplex bearer set-up	10.5.1.6	o	
10	Channel list	10.5.2	c2906	
c2901: IF A.26/1 THEN m ELSE n/a.				
c2902: IF A.26/2 OR A.27/1 OR A.28/1 OR A.28/3 THEN o.2901 ELSE n/a.				
c2903: IF A.28/4 THEN o for additional duplex bearers ELSE n/a.				
c2904: IF A.26/3 OR A.27/2 OR A.28/2 OR A.28/4 THEN m ELSE n/a.				
c2905: IF A.27/1 OR A.27/2 OR A.28/1 OR A.28/2 OR A.28/3 OR A.28/4 THEN o.2901 ELSE n/a.				
c2906: IF A.29/6 OR A.29/7 THEN m ELSE o.				
o.2901: It is mandatory to support at least one of these options.				

## A.5.2.1.2 Connection modification procedures

Table A.30: C/O connection modification procedures

Prerequisite: A.11/2				
Item	Name of procedure	Ref.	Status	Supp.
1	Advanced connection bandwidth modification	10.3.1	o.3001	
2	Advanced connection service type modification	10.3.2	o.3001	
3	Advanced connection slot type modification full to double FT initiated	10.3.2	o.3001	
4	Advanced connection slot type modification full to double PT initiated	10.3.2	o.3001	
5	Advanced connection slot type modification double to full	10.3.2	o.3001	
6	Connection type modification only basic to advanced	10.3.3	o.3001	
7	Connection type modification only advanced to basic	10.3.3	o.3001	
8	Connection type with slot type full to double modification	10.3.3	o.3001	
9	Modulation type modification	10.3.4	o.3001	
o.30 01: It is mandatory to support at least one of these options.				

## A.5.2.1.3 Connection data transfer procedures

Table A.31: C/O data transfer procedures

Prerequisite: A.11/3				
Item	Name of procedure	Ref.	Status	Supp.
1	ARQ procedure, Q1 and Q2 bit setting, for C-channel	10.8.1	m	
2	Cs - channel data	10.8.1.1	o	
3	Q1/Q2 setting for sliding collision / A-,B-field check (FT to PT)	10.8.1.3	m	
4	Antenna diversity (React on Q1 bit in direction PT to FT)	10.8.1.3	o	
5	Q2 bit settings	10.8.1.3.1	o	
6	Q1 bit settings	10.8.1.3.2	o	
7	BCK/Q2 bit setting for I <sub>P</sub> channel flow control, duplex bearer	10.8.2.4	o	
8	ACK/BCK bit setting for I <sub>P</sub> flow control, double simplex	10.8.2.4	o	
9	Bearer replacement	10.8.2.5.1	o	
10	I <sub>P</sub> bearer reset	10.8.2.5.3	o	

## A.5.2.1.4 Handover procedures

Table A.32: Handover procedures

Prerequisite: A.25/1 OR A.25/2				
Item	Name of procedure	Ref.	Status	Supp.
1	Connection handover	10.2.4.1	c3201	
2	Duplex bearer handover	10.6.2	c3202	
3	Double simplex bearer handover	10.6.3	c3203	
4	Frequency replacement	10.6.4	c3204	
c3201: IF A.25/1 THEN m ELSE n/a.				
c3202: IF A.25/2 AND A.29/1 THEN m ELSE n/a.				
c3203: IF A.25/2 AND (A.29/6 OR A.29/7) THEN m ELSE n/a.				
c3204: IF A.25/2 AND (A.29/1 OR A.29/6 OR A.29/7) THEN m ELSE n/a.				

## A.5.2.1.5 Connection release procedures

Table A.33: C/O connection release procedures

Prerequisite: A.11/4				
Item	Name of procedure	Ref.	Status	Supp.
1	Unacknowledged bearer release	10.7.2.1	m	
2	Acknowledged bearer release	10.7.2.2	o.3301	
3	Fast bearer release	10.7.2.3	c3301	
4	REP relayed bearer release	10.7.2.4	c3302	
c3301: IF A.11/4 THEN m ELSE n/a.				
o.3301: IF A.29/6 OR A.29/7 THEN m ELSE n/a.				
c3302: IF A.29/9 THEN m ELSE n/a.				

## A.5.2.1.6 Procedures for FT connections with CRFP

Table A.34: C/O procedures for FT connections with CRFP

Prerequisite: A.11/5				
Item	Name of procedure	Ref.	Status	Supp.
1	Dual bearer set-up	10.9.1	c3401	
2	Connection release of connection with CRFP	10.9.2	c3401	
3	Connection suspend	10.9.3	c3401	
4	Connection resume	10.9.3	c3401	
c3401: IF A.11/5 THEN m ELSE n/a.				

## A.5.2.2 Broadcast procedures

Table A.35: Broadcast procedures

Prerequisite: A.15/3				
Item	Name of procedure	Ref.	Status	Supp.
1	Normal paging	9.1.3	o.3501	
2	Fast paging	9.1.3	o.3501	
3	Low duty cycle paging	9.1.3.1	o	
o.3501: It is mandatory to support at least one of these options.				

### A.5.2.3 Connectionless procedures

#### A.5.2.3.1 Downlink connectionless procedures

**Table A.36: Downlink connectionless procedures**

Prerequisite: A.16/1				
Item	Name of procedure	Ref.	Status	Supp.
1	Downlink C/L	9.1.2	m	

#### A.5.2.3.2 Uplink connectionless procedures

**Table A.37: Uplink connectionless procedures**

Prerequisite: A.16/2				
Item	Name of procedure	Ref.	Status	Supp.
1	Uplink C/L bearer selection	9.2.2	o	
2	Uplink C/L	9.2.3	o	
3	Request for specific Q-channel information, A-field procedure	9.3.1.1	c3701	
4	Request for specific Q-channel information, B-field procedure	9.3.1.2	c3701	
5	Request for new dummy bearer	9.3.2	o	
c3701: IF A.24/2 THEN o.3701 ELSE n/a.				
o.3701: It is mandatory to support at least one of these options.				

### A.5.2.4 CSF multiplexing procedures

**Table A.38: CSF multiplexing procedures**

Prerequisite: A.9/4				
Item	CSF multiplexing procedures	Ref.	Status	Support
1	Encryption	6.2.3	o	
2	Scrambling	6.2.4	m	
3	R-CRC generation	6.2.5.2	m	
4	R-CRC checking	6.2.5.2	m	
5	X-CRC generation	6.2.5.4	m	
6	X-CRC checking	6.2.5.4	m	
7	Broadcast control function	6.2.6	m	

### A.5.2.5 Layer management procedures

**Table A.39: Layer management procedures**

Prerequisite: A.9/5				
Item	Name of procedure	Ref.	Status	Supp.
1	Extended system information PP request	11.2.1	o	
2	Duplex bearer physical channel selection	11.4.1	o	
3	Double simplex bearer physical channel selection	11.4.1	n/a	
4	Simplex bearer physical channel selection	11.4.1	m	
5	RFPI handshake	11.5.1	m	
6	RFP measurement of frequency error	11.5.2.1	o	
7	RFP idle receiver scan sequence	11.8	o	
8	Test message procedures	12	o	

## A.5.3 Other capabilities

The supplier of the implementation shall state whether or not extended RF carriers are supported.

**Table A.40: Extended RF carriers supported**

Item	Extended RF Carriers	Ref.	Status	Support
1	Extended RF carriers	7.2.3	o	

The supplier of the implementation shall state which modes of operation are supported by the PT in the Idle\_locked state.

**Table A.41: Operation modes in Idle\_locked state supported**

Item	Operation mode	Ref.	Status	Support
1	Scanning mode	4.3.1, 11.3	n/a	
2	High duty cycle Idle_Locked mode	4.3.1, 11.3	n/a	
3	Normal cycle Idle_Locked mode	4.3.1, 11.3	n/a	
4	Low cycle Idle_Locked mode	4.3.1, 11.3	n/a	

## A.6 Protocol parameters

### A.6.1 Timer support

The supplier of the implementation shall provide information about the timers specified in the EN 300 175-3: Medium Access Control Layer.

**Table A.42: Timer supported**

Item	Name of timer	Ref.	Status	Support	Value Allowed	Value Supported
1	T200	A.1	m		3 seconds	
2	T201	A.1	m		5 seconds	
3	T202	A.1	n/a		3 seconds	
4	T203	A.1	m		16 frames	
5	T204	A.1	m		6 multi-frames	
6	T205	A.1	m		10 seconds	
7	T206	A.1	o		10 frames	
8	T207	A.1	n/a		5 seconds	
9	T208	A.1	n/a		20 seconds	
10	T209	A.1	o		30 seconds	
11	T210	A.1	o		2 seconds	
12	T211	A.1	c4201		3 seconds	
13	T212	A.1	c4202		20 frames	
14	T213	A.1	c4203		20 frames	
15	T214	A.1	c4204		20 frames	
16	T215	A.1	n/a		6 multi-frames	
17	T216	A.1	n/a		8 multi-frames	
18	T217	A.1	o		300 ms	
19	T218	A.1	c4206		3 seconds	
c4201: IF A.30/1 THEN m ELSE x. c4202: IF A.29/6 OR A.29/7 THEN m ELSE x. c4203: IF A.33/2 THEN m ELSE x. c4204: IF A.18/1..5 THEN m ELSE x. c4205: IF A.41/1..4 THEN m ELSE x. c4206: IF A.30/2 OR A.30/3 OR A.30/6 OR A.30/8 THEN m ELSE x.						

## A.6.2 Protocol constants

The supplier of the implementation shall provide information about the protocol constants specified in the EN 300 175-3: Medium Access Control Layer.

**Table A.43: Protocol constants support**

Item	Protocol Constants	Ref.	Status	Support	Value Allowed	Value Supported
1	N200	A.2	o		10	
2	N201	A.2	n/a		15	
3	N202	A.2	o		10	
4	N203	A.2	n/a		6	
5	N204	A.2	o		5	
6	N205	A.2	o		6	
7	N206	A.2	c4302		12	
8	N207	A.2	c4302		4	
c4301: IF A.18/1..5 THEN m ELSE x.						
c4302: IF A.32/4 THEN m ELSE x.						

## A.6.3 Channel selection parameters

The supplier of the implementation shall state whether or not the following parameters specified by EN 300 175-3: Medium Access Control Layer are supported and their type, value(s) and range(s), in the table below.

**Table A.44: Channel selection parameters**

Item	Parameter	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Lowest boundary of channel list	11.4.1	m		<= -93 dBm	
2	Band resolution	11.4.1	m		<= 6 dB	
3	RSSI variation between checking	11.4.2	m		<= 12 dB	

## A.6.4 Channels supported

**Table A.45: Channels supported**

Item	Channels supported	Ref.	Status	Support
1	B <sub>S</sub> channel	5.3.3.1	o	
2	C <sub>S</sub> channel	5.3.1.1	o	
3	C <sub>F</sub> channel	5.3.1.1	o	
4	G <sub>F</sub> channel	5.3.1.3	o	
5	SI <sub>N</sub> channel	5.3.2.2	o	
6	SI <sub>P</sub> channel	5.3.2.2	o	
7	CL <sub>S</sub> channel	5.3.2.1	o	
8	CL <sub>F</sub> channel	5.3.2.1	o	
9	I <sub>N</sub> channel	5.3.1.2	o	
10	I <sub>P</sub> channel	5.3.1.2	o	



## A.6.5 Bearer types supported

**Table A.46: Bearer types supported**

Item	Bearer types supported	Ref.	Status	Support
1	Short simplex	5.5.1	o.4601	
2	Long simplex	5.5.1	o.4601	
3	Duplex	5.5.1	o.4601	
4	Double simplex	5.5.1	o.4601	
5	Double duplex	5.5.1	o.4601	

o.4601: It is mandatory to support at least one of these options.

## A.6.6 Slot types supported

**Table A.47: Slot types supported**

Item	Slot types supported	Ref.	Status	Support
1	Short slot	6.2.1	o.4701	
2	Half slot	6.2.1	o.4701	
3	Full slot	6.2.1	o.4701	
4	Double slot	6.2.1	o.4701	

o.4701: It is mandatory to support at least one of these options.

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## A.7 Messages

The supplier of the implementation shall state whether or not the messages specified by EN 300 175-3: Medium Access Control Layer are supported, in the tables below. The supplier shall indicate the status of support for sending and receiving each message.

### A.7.1 A - field header

#### A.7.1.1 A - field header - Tail Identification

**Table A.48: Tail Identification (Receiving PT to FT)**

Prerequisite: A.19/2				
Item	Tail Identification	Ref.	Status	Support
1	CT data packet number 0	7.1.2	m	
2	CT data packet number 1	7.1.2	m	
3	Identities information on C/L bearer	7.1.2	o	
4	Identities information	7.1.2	m	
5	Multiframe synchronization - system info.	7.1.2	m	
6	Escape or SIP or no valid I <sub>N</sub> channel data	7.1.2	o	
7	MAC layer control	7.1.2	m	
8	Paging tail	7.1.2	x	
9	First PP transmission	7.1.2	m	

**Table A.49: Tail Identification (Sending FT to PT)**

Prerequisite: A.19/2				
Item	Tail Identification	Ref.	Status	Support
1	CT data packet number 0	7.1.2	m	
2	CT data packet number 1	7.1.2	m	
3	Identities information on C/L bearer	7.1.2	o	
4	Identities information	7.1.2	m	
5	Multiframe synchronization - system info.	7.1.2	m	
6	Escape	7.1.2	o	
7	MAC layer control	7.1.2	m	
8	Paging tail	7.1.2	o	
9	First PP transmission	7.1.2	x	

### A.7.1.2 A - field header - "Q1/BCK" bit

**Table A.50: "Q1/BCK" bit (Receiving PT to FT)**

Prerequisite: A.19/2				
Item	"Q1/BCK" bit	Ref.	Status	Support
1	BCK I <sub>P</sub> flow control (sliding collision)	7.1.3	o	
2	Q1 bearer quality control	7.1.3	o	

**Table A.51: "Q1/BCK" bit (Sending FT to PT)**

Prerequisite: A.19/2				
Item	"Q1/BCK" bit	Ref.	Status	Support
1	BCK I <sub>P</sub> flow control (sliding collision)	7.1.3	o	
2	Q1 bearer quality control	7.1.3	o	

### A.7.1.3 A - field header - B-field identification

**Table A.52: B-field identification (Receiving PT to FT)**

Prerequisite: A.19/2				
Item	B-field identification	Ref.	Status	Support
1	U-type, I <sub>N</sub> , SIN, SIP, or I <sub>P</sub> packet number 0 or no valid I <sub>P</sub> error detect channel	7.1.4	c5201	
2	U-type, I <sub>P</sub> error detect or I <sub>P</sub> packet number 1 or SIP or no valid I <sub>N</sub> channel data	7.1.4	c5201	
3	E-type, all C <sub>F</sub> or CL <sub>F</sub> , packet number 0	7.1.4	c5202	
4	double slot required	7.1.4	c5202	
5	E-type, all C <sub>F</sub> , packet number 1	7.1.4	c5202	
6	E-type, not all C <sub>F</sub> or CL <sub>F</sub> ; C <sub>F</sub> packet number 0	7.1.4	c5202	
7	half slot required	7.1.4	c5202	
8	E-type, not all C <sub>F</sub> ; C <sub>F</sub> packet number 1	7.1.4	c5202	
9	E-type, all MAC control (unnumbered)	7.1.4	c5202	
10	No B-field	7.1.4	i	
c5201: IF 22/2 THEN o ELSE n/a.				
c5202: IF 22/1 THEN o ELSE n/a.				

**Table A.53: B-field identification (Sending FT to PT)**

Prerequisite: A.19/2				
Item	B-field identification	Ref.	Status	Support
1	U-type, I <sub>N</sub> , SIN, SIP, or I <sub>P</sub> packet number 0 or no valid I <sub>P</sub> error detect channel	7.1.4	c5301	
2	U-type, I <sub>P</sub> error detect or I <sub>P</sub> packet number 1 or SIP or no valid I <sub>N</sub> channel data	7.1.4	c5301	
3	E-type, all C <sub>F</sub> or CL <sub>F</sub> , packet number 0	7.1.4	c5302	
4	double slot required	7.1.4	c5302	
5	E-type, all C <sub>F</sub> , packet number 1	7.1.4	c5302	
6	E-type, not all C <sub>F</sub> or CL <sub>F</sub> ; C <sub>F</sub> packet number 0	7.1.4	c5302	
7	half slot required	7.1.4	c5302	
8	E-type, not all C <sub>F</sub> ; C <sub>F</sub> packet number 1	7.1.4	c5302	
9	E-type, all MAC control (unnumbered)	7.1.4	c5302	
10	No B-field	7.1.4	m	
c5301: IF 22/2 THEN o ELSE n/a.				
c5302: IF 22/1 THEN o ELSE n/a.				

### A.7.1.4 A - field header - "Q2" bit

**Table A.54: "Q2" bit (Receiving PT to FT)**

Prerequisite: A.19/2				
Item	"Q2" bit	Ref.	Status	Support
1	Q2 bearer quality & flow control	7.1.5	m	

**Table A.55: "Q2" bit (Sending FT to PT)**

Prerequisite: A.19/2				
Item	"Q2" bit	Ref.	Status	Support
1	Q2 bearer quality & flow control	7.1.5	m	

## A.7.2 A - field identities information (N<sub>T</sub>) message

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.56: Identities information (N<sub>T</sub>) message (Receiving PT to FT)**

Prerequisite: A.24/1				
Item	System information message	Ref.	Status	Support
1	N <sub>T</sub> - Identities Information	7.2.2	m	

**Table A.57: Identities information (N<sub>T</sub>) message (Sending FT to PT)**

Prerequisite: A.24/1				
Item	System information message	Ref.	Status	Support
1	N <sub>T</sub> - Identities Information	7.2.2	m	

## A.7.3 A - field system information (Q<sub>T</sub>) messages

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.58: System information (Q<sub>T</sub>) message (Sending FT to PT)**

Prerequisite: A.24/1				
Item	System information message	Ref.	Status	Support
1	Q <sub>T</sub> - Static system information	7.2.3.2	m	
2	Q <sub>T</sub> - Extended RF carrier information	7.2.3.3	c5801	
3	Q <sub>T</sub> - Fixed part capabilities	7.2.3.4	m	
4	Q <sub>T</sub> - Extended fixed part capabilities	7.2.3.5	o	
5	Q <sub>T</sub> - Secondary access rights identities	7.2.3.6	o	
6	Q <sub>T</sub> - Multi-frame number	7.2.3.7	c5802	
7	Q <sub>T</sub> - escape	7.2.3.8	o	
c5801: IF A.40/1 THEN m ELSE o.				
c5802: IF A.38/1 THEN m ELSE o.				

## A.7.4 A - field paging tail (P<sub>T</sub>) messages

### A.7.4.1 Paging tail messages supported

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.59: Paging tail (P<sub>T</sub>) messages (Sending FT to PT)**

Prerequisite: A.15/3				
Item	Paging tail messages	Ref.	Status	Support
1	Full page format	7.2.4.1	o.5901	
2	Long page format	7.2.4.1	o.5901	
3	Short page format	7.2.4.1	o.5901	
4	Zero length page format	7.2.4.1	o.5901	
o.5901: It is mandatory to support at least one of these options.				

### A.7.4.2 P<sub>T</sub> messages information type

The support of a P<sub>T</sub> message information element in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.60: P<sub>T</sub> messages information supported (Sending FT to PT)**

Prerequisite: A.59/3 OR A.59/4				
Item	P <sub>T</sub> messages information type	Ref.	Status	Support
1	0000 - fill bits	7.2.4.3.2	o	
2	0001 - blind full slot	7.2.4.3.3	o	
3	0010 - other bearer	7.2.4.3.4	o	
4	0011 - recommended other bearer	7.2.4.3.4	o	
5	0100 - good RFP bearer	7.2.4.3.4	o	
6	0101 - dummy or C/L bearer position	7.2.4.3.4	o	
7	0110 - RFP identity	7.2.4.3.5	o	
8	0111 - escape	7.2.4.3.6	o	
9	1000 - dummy or C/L bearer marker	7.2.4.3.7	c6001	
10	1001 - bearer handover information	7.2.4.3.8	o	
11	1010 - RFP status	7.2.4.3.9	o	
12	1011 - active carriers	7.2.4.3.10	o	
13	1100 - C/L bearer position	7.2.4.3.4	o	
14	1101 - recommended power level	7.2.4.3.11	o	
15	1110 - blind double slot / RFP-FP interface resources	7.2.4.3.12	o	
16	1111 - modulation types information	7.2.4.3.13	o	
c6001: Only on dummy or connectionless downlink bearer.				

## A.7.5 A - field MAC control ( $M_T$ ) messages

### A.7.5.1 Mac control messages supported

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.61: MAC control ( $M_T$ ) messages (Receiving PT to FT)**

Prerequisite: A.9/1 OR A.9/2 OR A.9/3 OR A.9/4 OR A.9/5				
Item	MAC control ( $M_T$ ) messages	Ref.	Status	Supp.
1	Basic connection control	7.2.5.1	c6104	
2	MAC layer test messages	7.2.5.1	c6101	
3	Advanced connection control	7.2.5.1	c6102	
4	Quality control	7.2.5.1	o	
5	Broadcast and connectionless services	7.2.5.1	c6105	
6	Encryption control	7.2.5.1	c6103	
7	B-field set-up, first PT transmission	7.2.5.1	o	
8	MAC control escape	7.2.5.1	o	
9	TARI	7.2.5.1	o	
10	REP connection control	7.2.5.1	o	
c6101:	IF A.39/8 THEN m ELSE n/a.			
c6102:	IF A.29/2 OR A.29/4 THEN m ELSE n/a.			
c6103:	IF A.38/1 THEN m ELSE n/a.			
c6104:	IF A.9/1 THEN m ELSE o.			
c6105:	IF A.9/2 OR A.9/3 THEN m ELSE o.			

**Table A.62: MAC control ( $M_T$ ) messages (Sending FT to PT)**

Prerequisite: A.9/1 OR A.9/2 OR A.9/3 OR A.9/4 OR A.9/5				
Item	MAC control ( $M_T$ ) messages	Ref.	Status	Supp.
1	Basic connection control	7.2.5.1	c6204	
2	MAC layer test messages	7.2.5.1	x	
3	Advanced connection control	7.2.5.1	c6202	
4	Quality control	7.2.5.1	o	
5	Broadcast and connectionless services	7.2.5.1	c6205	
6	Encryption control	7.2.5.1	c6203	
7	B-field set-up, first PT transmission	7.2.5.1	x	
8	MAC control escape	7.2.5.1	o	
9	TARI	7.2.5.1	o	
10	REP connection control	7.2.5.1	o	
c6201:	IF A.39/8 THEN m ELSE n/a.			
c6202:	IF A.29/2 OR 29/4 THEN m ELSE n/a.			
c6203:	IF A.38/1 THEN m ELSE n/a.			
c6204:	IF A.9/1 THEN m ELSE o.			
c6205:	IF A.9/2 OR A.9/3 THEN m ELSE o.			

### A.7.5.2 Basic connection control messages

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.63: Basic connection control (Receiving PT to FT)**

Prerequisite: A.61/1				
Item	MAC control (M <sub>T</sub> ) messages -Basic connection control	Ref.	Status	Supp.
1	Basic CC - access request	7.2.5.2.2	m	
2	Basic CC - bearer handover request	7.2.5.2.2	o	
3	Basic CC - connection handover request	7.2.5.2.2	o	
4	Basic CC - unconfirmed access request	7.2.5.2.2	c6301	
5	Basic CC - bearer confirm	7.2.5.2.2	x	
6	Basic CC - release	7.2.5.2.2	m	
7	Basic CC - wait	7.2.5.2.3	o	
8	Basic CC - attributes T request	7.2.5.2.2	m	
9	Basic CC - attributes T confirm	7.2.5.2.2	m	
c6301: IF A.29/7 THEN m ELSE o.				

**Table A.64: Basic connection control (Sending FT to PT)**

Prerequisite: A.62/1				
Item	MAC control (M <sub>T</sub> ) messages -Basic connection control	Ref.	Status	Supp.
1	Basic CC - access request	7.2.5.2.2	o	
2	Basic CC - bearer handover request	7.2.5.2.2	o	
3	Basic CC - connection handover request	7.2.5.2.2	o	
4	Basic CC - unconfirmed access request	7.2.5.2.2	o	
5	Basic CC - bearer confirm	7.2.5.2.2	m	
6	Basic CC - release	7.2.5.2.2	m	
7	Basic CC - wait	7.2.5.2.3	o	
8	Basic CC - attributes T request	7.2.5.2.2	m	
9	Basic CC - attributes T confirm	7.2.5.2.2	m	

### A.7.5.3 MAC layer test messages

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

These tables only apply to terminals that are intended for testing purposes.

**Table A.65: MAC layer test messages (Receiving PT to FT)**

Prerequisite: A.61/2				
Item	MAC control (M <sub>T</sub> ) messages - MAC layer test messages	Ref.	Status	Supp.
1	MAC test - force transmit	7.2.5.4.2	m	
2	MAC test - loopback data	7.2.5.4.3	m	
3	MAC test - defeat antenna diversity	7.2.5.4.4	c6501	
4	MAC test - escape	7.2.5.4.5	m	
5	MAC test - network test	7.2.5.4.6	m	
6	MAC test - clear test modes	7.2.5.4.7	m	
7	MAC test - change modulation scheme	7.2.5.4.8	c6502	
c6501: IF A.31/4 THEN m ELSE x .				
c6502: IF A.30/9 THEN m ELSE x.				

**Table A.66: MAC layer test messages (Sending FT to PT)**

Prerequisite: A.62/2				
Item	MAC control (M <sub>T</sub> ) messages - MAC layer test messages	Ref.	Status	Supp.
1	MAC test - force transmit	7.2.5.4.2	n/a	
2	MAC test - loopback data	7.2.5.4.3	n/a	
3	MAC test - defeat antenna diversity	7.2.5.4.4	n/a	
4	MAC test - escape	7.2.5.4.5	n/a	
5	MAC test - network test	7.2.5.4.6	n/a	
6	MAC test - clear test modes	7.2.5.4.7	n/a	
7	MAC test - change modulation scheme	7.2.5.4.8	n/a	

### A.7.5.4 Advanced connection control messages

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.67: Advanced connection control messages (Receiving PT to FT)**

Prerequisite: A.61/3				
Item	MAC control (M <sub>T</sub> ) messages - Advanced connection control	Ref.	Status	Supp.
1	Advanced CC - access request	7.2.5.3.2	m	
2	Advanced CC - bearer handover request	7.2.5.3.3	o	
3	Advanced CC - connection handover request	7.2.5.3.4	o	
4	Advanced CC - unconfirmed access request	7.2.5.3.5	c6701	
5	Advanced CC - bearer confirm	7.2.5.3.6	m	
6	Advanced CC - wait	7.2.5.3.7	m	
7	Advanced CC - attributes_T.request	7.2.5.3.8	m	
8	Advanced CC - attributes_T.confirm	7.2.5.3.8	m	
9	Advanced CC - bandwidth_T.request	7.2.5.3.9	m	
10	Advanced CC - bandwidth_T.confirm	7.2.5.3.9	m	
11	Advanced CC - channel list	7.2.5.3.10	m	
12	Advanced CC - unconfirmed dummy	7.2.5.3.11	c6701	
13	Advanced CC - unconfirmed handover	7.2.5.3.12	c6701	
14	Advanced CC - release	7.2.5.3.13	m	

c6701: IF 29/6 OR 29/7 THEN m ELSE n/a.

**Table A.68: Advanced connection control messages (Sending FT to PT)**

Prerequisite: A.62/3				
Item	MAC control (M <sub>T</sub> ) messages - Advanced connection control	Ref.	Status	Supp.
1	Advanced CC - access request	7.2.5.3.2	m	
2	Advanced CC - bearer handover request	7.2.5.3.3	o	
3	Advanced CC - connection handover request	7.2.5.3.4	m	
4	Advanced CC - unconfirmed access request	7.2.5.3.5	c6801	
5	Advanced CC - bearer confirm	7.2.5.3.6	m	
6	Advanced CC - wait	7.2.5.3.7	m	
7	Advanced CC - attributes_T.request	7.2.5.3.8	m	
8	Advanced CC - attributes_T.confirm	7.2.5.3.8	m	
9	Advanced CC - bandwidth_T.request	7.2.5.3.9	m	
10	Advanced CC - bandwidth_T.confirm	7.2.5.3.9	m	
11	Advanced CC - channel list	7.2.5.3.10	m	
12	Advanced CC - unconfirmed dummy	7.2.5.3.11	c6801	
13	Advanced CC - unconfirmed handover	7.2.5.3.12	c6801	
14	Advanced CC - release	7.2.5.3.13	m	

c6801: IF 29/6 OR 29/7 THEN m ELSE n/a.

### A.7.5.5 Quality control (QC) messages

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.69: Quality control (QC) messages (Receiving PT to FT)**

Prerequisite: A.61/4				
Item	MAC control (M <sub>T</sub> ) messages - Quality control	Ref.	Status	Supp.
1	QC - antenna switch single bearer request	7.2.5.5	m	
2	QC - antenna switch all bearers request	7.2.5.5	m	
3	QC - bearer handover reject	7.2.5.5	m	
4	QC - connection handover reject	7.2.5.5	m	
5	QC - frequency control single bearer reject	7.2.5.5	m	
6	QC - frequency control all bearers reject	7.2.5.5	m	
7	QC - advance timing all bearers reject	7.2.5.5	m	
8	QC - send prolonged preamble request	7.2.5.5	m	
9	QC - transmit prolonged preamble confirm	7.2.5.5	m	
10	QC - frequency replacement request	7.2.5.5	m	
11	QC - frequency replacement grant	7.2.5.5	m	

**Table A.70: Quality control (QC) messages (Sending FT to PT)**

Prerequisite: A.62/4				
Item	MAC control (M <sub>T</sub> ) messages - Quality control	Ref.	Status	Supp.
1	QC - antenna switch single bearer reject	7.2.5.5	m	
2	QC - antenna switch all bearers reject	7.2.5.5	m	
3	QC - bearer handover request	7.2.5.5	m	
4	QC - connection handover request	7.2.5.5	m	
5	QC - frequency control single bearer request	7.2.5.5	m	
6	QC - frequency control all bearers request	7.2.5.5	m	
7	QC - advance timing all bearers request	7.2.5.5	m	
8	QC - send prolonged preamble request	7.2.5.5	m	
9	QC - transmit prolonged preamble confirm	7.2.5.5	m	
10	QC - frequency replacement confirm	7.2.5.5	m	

### A.7.5.6 Broadcast and connectionless (BCL) messages

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.71: Broadcast and connectionless (BCL) messages (Receiving PT to FT)**

Prerequisite: A.61/5				
Item	MAC control (M <sub>T</sub> ) messages - Broadcast and connectionless services	Ref.	Status	Supp.
1	CL <sub>F</sub> , first of 2 transmissions, half slot	7.2.5.6	o	
2	CL <sub>F</sub> first of 2 transmissions, full slot	7.2.5.6	o	
3	CL <sub>F</sub> first of 2 transmissions, double slot	7.2.5.6	o	
4	CL <sub>F</sub> , last transmissions, half slot	7.2.5.6	o	
5	CL <sub>F</sub> , last transmissions, full slot	7.2.5.6	o	
6	CL <sub>F</sub> , last transmissions, double slot	7.2.5.6	o	
7	C/L single transmissions, no C <sub>F</sub> or CL <sub>S</sub>	7.2.5.6	o	
8	CL <sub>S</sub> service, first transmissions	7.2.5.6	o	
9	change dummy bearer position	7.2.5.6	o	
10	extended system info., A-field procedure	7.2.5.6	c7101	
11	extended system info., B-field procedure	7.2.5.6	c7102	
c7101:	IF 37/3 THEN m ELSE n/a.			
c7102:	IF 37/4 THEN m ELSE n/a.			



**Table A.72: Broadcast and connectionless (BCL) messages (Sending FT to PT)**

Prerequisite: A.62/5				
Item	MAC control (M <sub>T</sub> ) messages - Broadcast and connectionless services	Ref.	Status	Supp.
1	CL <sub>F</sub> , first of 2 transmissions, half slot	7.2.5.6	x	
2	CL <sub>F</sub> first of 2 transmissions, full slot	7.2.5.6	x	
3	CL <sub>F</sub> first of 2 transmissions, double slot	7.2.5.6	x	
4	CL <sub>F</sub> , last transmissions, half slot	7.2.5.6	x	
5	CL <sub>F</sub> , last transmissions, full slot	7.2.5.6	x	
6	CL <sub>F</sub> , last transmissions, double slot	7.2.5.6	x	
7	C/L single transmissions, no C <sub>F</sub> or CL <sub>S</sub>	7.2.5.6	x	
8	CL <sub>S</sub> service, first transmissions	7.2.5.6	x	
9	change dummy bearer position	7.2.5.6	x	
10	extended system info., A-field procedure	7.2.5.6	c7201	
11	extended system info., B-field procedure	7.2.5.6	c7202	
c7201: IF 37/3 THEN m ELSE n/a.				
c7202: IF 37/4 THEN m ELSE n/a.				

### A.7.5.7 Encryption control (EC) messages

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.73: Encryption control (EC) messages (Receiving PT to FT)**

Prerequisite: A.61/6				
Item	MAC control (M <sub>T</sub> ) messages - Encryption control	Ref.	Status	Supp.
1	Encryption start request	7.2.5.7	m	
2	Encryption start confirm	7.2.5.7	m	
3	Encryption start grant	7.2.5.7	m	
4	Encryption stop request	7.2.5.7	o	
5	Encryption stop confirm	7.2.5.7	o	
6	Encryption stop grant	7.2.5.7	o	

**Table A.74: Encryption control (EC) messages (Sending FT to PT)**

Prerequisite: A.62/6				
Item	MAC control (M <sub>T</sub> ) messages - Encryption control	Ref.	Status	Supp.
1	Encryption start request	7.2.5.7	m	
2	Encryption start confirm	7.2.5.7	m	
3	Encryption start grant	7.2.5.7	m	
4	Encryption stop request	7.2.5.7	o	
5	Encryption stop confirm	7.2.5.7	o	
6	Encryption stop grant	7.2.5.7	o	

### A.7.5.8 REP connection control (RCC) messages

**Table A.75: REP connection control (RCC) messages (Receiving PT to FT)**

Prerequisite: A.61/10				
Item	MAC control (M <sub>T</sub> ) messages - REP connection control	Ref.	Status	Supp.
1	REP access request	7.2.5.11	m	
2	REP bearer handover request	7.2.5.11	m	
3	REP bearer confirm	7.2.5.11	m	
4	REP wait	7.2.5.11	m	
5	REP release	7.2.5.11	m	
6	REP channel map request	7.2.5.11	m	
7	REP channel map confirm	7.2.5.11	m	

**Table A.76: REP connection control (RCC) messages (Sending FT to PT)**

Prerequisite: A.62/10				
Item	MAC control (M <sub>T</sub> ) messages - REP connection control	Ref.	Status	Supp.
1	REP access request	7.2.5.11	x	
2	REP bearer handover request	7.2.5.11	x	
3	REP bearer confirm	7.2.5.11	m	
4	REP wait	7.2.5.11	m	
5	REP release	7.2.5.11	m	
6	REP channel map request	7.2.5.11	m	
7	REP channel map confirm	7.2.5.11	m	

## A.7.6 B - Field Messages

### A.7.6.1 B - Field Messages supported

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.77: B - Field messages supported (Receiving PT to FT)**

Prerequisite: A.10/2 OR A.10/3				
Item	B - Field messages	Ref.	Status	Support
1	X001 - Advanced connection control	7.3.1	m	
2	X010 - Null message	7.3.1	m	
3	X011 - Quality control	7.3.1	m	
4	X100 - Extended system information	7.3.1	m	
5	X101 - G <sub>F</sub> channel data packet	7.3.1	m	
6	X111 - B-field escape	7.3.1	m	

**Table A.78: B - Field messages supported (Sending FT to PT)**

Prerequisite: A.10/2 OR A.10/3				
Item	B - Field messages	Ref.	Status	Support
1	X001 - Advanced connection control	7.3.1	m	
2	X010 - Null message	7.3.1	m	
3	X011 - Quality control	7.3.1	m	
4	X100 - Extended system information	7.3.1	m	
5	X101 - G <sub>F</sub> channel data packet	7.3.1	m	
6	X111 - B-field escape	7.3.1	m	

### A.7.6.2 B - Field Advanced connection control messages

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.79: B - Field Advanced connection control messages (Receiving PT to FT)**

Prerequisite: A.77/1				
Item	B - Field Advanced CC messages	Ref.	Status	Support
1	Access request	7.3.2.2	m	
2	Bearer handover request	7.3.2.2	o	
3	Connection handover request	7.3.2.2	o	
4	Unconfirmed access request	7.3.2.2	o	
5	Bearer confirm	7.3.2.3	m	
6	Wait	7.3.2.4	m	
7	Attributes_B.request	7.3.2.5	m	
8	Attributes_B.confirm	7.3.2.5	m	
9	Bandwidth_B.request	7.3.2.6	m	
10	Bandwidth_B.confirm	7.3.2.6	m	
11	Channel list	7.3.2.7	m	
12	Unconfirmed dummy	7.3.2.8	o	
13	Unconfirmed handover	7.3.2.9	o	
14	Release	7.3.2.10	m	

**Table A.80: B - Field Advanced connection control messages (Sending FT to PT)**

Prerequisite: A.78/1				
Item	B - Field Advanced CC messages	Ref.	Status	Support
1	Access request	7.3.2.2	m	
2	Bearer handover request	7.3.2.2	o	
3	Connection handover request	7.3.2.2	m	
4	Unconfirmed access request	7.3.2.2	o	
5	Bearer confirm	7.3.2.3	m	
6	Wait	7.3.2.4	m	
7	Attributes_B.request	7.3.2.5	m	
8	Attributes_B.confirm	7.3.2.5	m	
9	Bandwidth_B.request	7.3.2.6	m	
10	Bandwidth_B.confirm	7.3.2.6	m	
11	Channel list	7.3.2.7	m	
12	Unconfirmed dummy	7.3.2.8	o	
13	Unconfirmed handover	7.3.2.9	o	
14	Release	7.3.2.10	m	

### A.7.6.3 B - Field - Null messages

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.81: B - Field - Null messages (Receiving PT to FT)**

Prerequisite: A.77/2				
Item	B - Field - Null messages	Ref.	Status	Support
1	No C <sub>F</sub> or CL <sub>F</sub> data in the B-field	7.3.3	m	
2	One B-subfield contains C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8101	
3	Two B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8102	
4	Three B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8102	
5	Four B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8102	
6	Five B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8103	
7	Six B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8103	
8	Seven B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8103	
9	Eight B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8103	
10	Nine B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8103	
c8101:	IF A.22/1 AND (A.23/1 OR A.23/2 OR A.23/3) THEN m ELSE n/a.			
c8102:	IF A.22/1 AND (A.23/1 OR A.23/2) THEN m ELSE n/a.			
c8103:	IF A.22/1 AND A.23/1 THEN m ELSE n/a.			

**Table A.82: B - Field - Null messages (Sending FT to PT)**

Prerequisite: A.78/2				
Item	B - Field - Null messages	Ref.	Status	Support
1	No C <sub>F</sub> or CL <sub>F</sub> data in the B-field	7.3.3	m	
2	One B-subfield contains C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8201	
3	Two B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8202	
4	Three B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8202	
5	Four B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8202	
6	Five B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8203	
7	Six B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8203	
8	Seven B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8203	
9	Eight B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8203	
10	Nine B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	7.3.3	c8203	
c8201: IF A.22/1 AND (A.23/1 OR A.23/2 OR A.23/3) THEN m ELSE n/a.				
c8202: IF A.22/1 AND (A.23/1 OR A.23/2) THEN m ELSE n/a.				
c8203: IF A.22/1 AND A.23/1 THEN m ELSE n/a.				

#### A.7.6.4 B - Field - Quality control messages

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.83: B - Field - Quality control messages (Receiving PT to FT)**

Prerequisite: A.77/3				
Item	Quality control message	Ref.	Status	Support
1	Antenna switch single bearer request	7.3.4.2	m	
2	Antenna switch all bearers request	7.3.4.2	m	
3	Bearer handover reject	7.3.4.2	m	
4	Connection handover reject	7.3.4.2	m	
5	Frequency control single bearer reject	7.3.4.2	m	
6	Frequency control all bearers reject	7.3.4.2	m	
7	Advance timing all bearers reject	7.3.4.2	m	
8	Send prolonged preamble request	7.3.4.2	m	
9	Transmit prolonged preamble confirm	7.3.4.2	m	
10	Frequency replacement request	7.3.4.2	m	
11	Frequency replacement grant	7.3.4.2	m	
12	Reset request first TDMA half frame	7.3.4.3	c8301	
13	Reset request second TDMA half frame	7.3.4.3	c8301	
14	Reset request both TDMA half frames	7.3.4.3	c8301	
15	Reset confirm first TDMA half frame	7.3.4.3	c8301	
16	Reset confirm second TDMA half frame	7.3.4.3	c8301	
17	Reset confirm both TDMA half frames	7.3.4.3	c8301	
18	MOD2 ACK	7.3.4.4	m	
c8301: IF A.12/4 OR A.13/3 THEN m ELSE x.				

**Table A.84: B - Field - Quality control messages (Sending FT to PT)**

Prerequisite: A.78/3				
Item	Quality control message	Ref.	Status	Support
1	Antenna switch single bearer reject	7.3.4.2	m	
2	Antenna switch all bearers reject	7.3.4.2	m	
3	Bearer handover request	7.3.4.2	m	
4	Connection handover request	7.3.4.2	m	
5	Frequency control single bearer request	7.3.4.2	m	
6	Frequency control all bearers request	7.3.4.2	m	
7	Advance timing all bearers request	7.3.4.2	m	
8	Send prolonged preamble request	7.3.4.2	m	
9	Transmit prolonged preamble confirm	7.3.4.2	m	
10	Frequency replacement confirm	7.3.4.2	m	
11	Reset request first TDMA half frame	7.3.4.3	c8401	
12	Reset request second TDMA half frame	7.3.4.3	c8401	
13	Reset request both TDMA half frames	7.3.4.3	c8401	
14	Reset confirm first TDMA half frame	7.3.4.3	c8401	
15	Reset confirm second TDMA half frame	7.3.4.3	c8401	
16	Reset confirm both TDMA half frames	7.3.4.3	c8401	
17	MOD2 ACK	7.3.4.4	m	
c8401: IF A.12/4 OR A.13/3 THEN m ELSE x.				

### A.7.6.5 B - Field - G<sub>F</sub>-channel data packet messages

The support of a message in sending or receiving side implies that the all message (sequencing, length and value of field) as described in corresponding subclause is supported.

**Table A.85: B - Field - G<sub>F</sub>-channel data packet messages (Receiving PT to FT)**

Prerequisite: A.77/5				
Item	G <sub>F</sub> -channel data packet	Ref.	Status	Support
1	No C <sub>F</sub> data in the B-field	7.3.6	m	
2	One B-subfield contains C <sub>F</sub> data	7.3.6	c8501	
3	Two B-subfield contain C <sub>F</sub> data	7.3.6	c8502	
4	Three B-subfield contain C <sub>F</sub> data	7.3.6	c8502	
5	Four B-subfield contain C <sub>F</sub> data	7.3.6	c8502	
6	Five B-subfield contain C <sub>F</sub> data	7.3.6	c8503	
7	Six B-subfield contain C <sub>F</sub> data	7.3.6	c8503	
8	Seven B-subfield contain C <sub>F</sub> data	7.3.6	c8503	
9	Eight B-subfield contain C <sub>F</sub> data	7.3.6	c8503	
10	Nine B-subfield contain C <sub>F</sub> data	7.3.6	c8503	
c8501: IF A.22/1 AND (A.23/1 OR A.23/2 OR A.23/3) THEN m ELSE n/a.				
c8502: IF A.22/1 AND (A.23/1 OR A.23/2) THEN m ELSE n/a.				
c8503: IF A.22/1 AND A.23/1 THEN m ELSE n/a.				

**Table A.86: B - Field - G<sub>F</sub>-channel data packet messages (Sending FT to PT)**

Prerequisite: A.78/5				
Item	G <sub>F</sub> -channel data packet	Ref.	Status	Support
1	No C <sub>F</sub> data in the B-field	7.3.6	m	
2	One B-subfield contains C <sub>F</sub> data	7.3.6	c8601	
3	Two B-subfield contain C <sub>F</sub> data	7.3.6	c8602	
4	Three B-subfield contain C <sub>F</sub> data	7.3.6	c8602	
5	Four B-subfield contain C <sub>F</sub> data	7.3.6	c8602	
6	Five B-subfield contain C <sub>F</sub> data	7.3.6	c8603	
7	Six B-subfield contain C <sub>F</sub> data	7.3.6	c8603	
8	Seven B-subfield contain C <sub>F</sub> data	7.3.6	c8603	
9	Eight B-subfield contain C <sub>F</sub> data	7.3.6	c8603	
10	Nine B-subfield contain C <sub>F</sub> data	7.3.6	c8603	
c8601: IF A.22/1 AND (A.23/1 OR A.23/2 OR A.23/3) THEN m ELSE n/a.				
c8602: IF A.22/1 AND (A.23/1 OR A.23/2) THEN m ELSE n/a.				
c8603: IF A.22/1 AND A.23/1 THEN m ELSE n/a.				

## A.8 MAC messages format and field value

### A.8.1 A - field identities information (N<sub>T</sub>) message

**Table A.87: N<sub>T</sub> - Identities Information (Receiving PT to FT)**

Prerequisite: A.56/1						
Item	N <sub>T</sub> - Identities Information	Ref.	Status	Supp.	Value Allowed	Value Supported
1	E	7.2.2	m		'0'B, '1'B	
2	PARI	7.2.2	m		31 or 36 bits value	
3	RPN	7.2.2	m		3 or 8 bits value	

**Table A.88: N<sub>T</sub> - Identities Information (Sending FT to PT)**

Prerequisite: A.57/1						
Item	N <sub>T</sub> - Identities Information	Ref.	Status	Supp.	Value Allowed	Value Supported
1	E	7.2.2	m		'0'B, '1'B	
2	PARI	7.2.2	m		31 or 36 bits value	
3	RPN	7.2.2	m		3 or 8 bits value	

## A.8.2 A - field system information (Q<sub>T</sub>) messages

### A.8.2.1 Q<sub>T</sub> - Static system information

**Table A.89: Q<sub>T</sub> - Static system information (Sending FT to PT)**

Prerequisite: A.58/1						
Item	Q <sub>T</sub> - Static system information	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Q <sub>T</sub> header	7.2.3.2.1	m		'000'B	
2	Normal/reverse	7.2.3.2.2	m		'0'B, '1'B	
3	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
4	Start position	7.2.3.2.4	m		'00", '10'B	
5	Escape bit	7.2.3.2.5	m		'0'B, '1'B	
6	Number of transceivers	7.2.3.2.6	m		'00'B .. '11'B	
7	Extended RF carrier	7.2.3.2.7	m		'0'B, '1'B	
8	RF carriers available	7.2.3.2.8	m		10 bits value	
9	Spr 1	7.2.3.2.9	m		'00'B	
10	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
11	Spr 2	7.2.3.2.11	m		'00'B	
12	PSCN	7.2.3.2.12	m		'000000'B .. '100000'B	

### A.8.2.2 Q<sub>T</sub> - Extended RF carrier information

**Table A.90: Q<sub>T</sub> - Extended RF carrier information (Sending FT to PT)**

Prerequisite: A.58/2						
Item	Q <sub>T</sub> - Extended RF carrier information	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Q <sub>T</sub> header	7.2.3.3.1	m		'0010'B	
2	Reserved field	7.2.3.3.1	m		28 bits	
3	Spr	7.2.3.3.1	m		'00'B	
4	Number of RF carriers	7.2.3.3.1	m		6 bits value	

A.8.2.3  $Q_T$  - Fixed part capabilityTable A.91:  $Q_T$  - Fixed part capability (Sending FT to PT)

Prerequisite: A.58/3						
Item	$Q_T$ - Fixed part capability	Ref.	Status	Supp.	Value Allowed	Value Supported
1	$Q_T$ header	7.2.3.4.2	m		'0011'B	
2	Extended FP info.	7.2.3.4.2	m		'0'B, '1'B	
3	Double duplex bearer connections	7.2.3.4.2	m		'0'B, '1'B	
4	Reserved	7.2.3.4.2	m		1 bit	
5	Double slot	7.2.3.4.2	m		'0'B, '1'B	
6	Half slot	7.2.3.4.2	m		'0'B, '1'B	
7	Full slot	7.2.3.4.2	m		'0'B, '1'B	
8	Frequency control	7.2.3.4.2	m		'0'B, '1'B	
9	Page repetition	7.2.3.4.2	m		'0'B, '1'B	
10	Dummy bearer set-up	7.2.3.4.2	m		'0'B, '1'B	
11	C/L uplink	7.2.3.4.2	m		'0'B, '1'B	
12	C/L downlink	7.2.3.4.2	m		'0'B, '1'B	
13	Basic A-field set-up	7.2.3.4.2	m		'0'B, '1'B	
14	Adv. A-field set-up	7.2.3.4.2	m		'0'B, '1'B	
15	B-field set-up	7.2.3.4.2	m		'0'B, '1'B	
16	$C_F$ messages	7.2.3.4.2	m		'0'B, '1'B	
17	$I_N$ minimum delay	7.2.3.4.2	m		'0'B, '1'B	
18	$I_N$ normal delay	7.2.3.4.2	m		'0'B, '1'B	
19	$I_P$ error detection	7.2.3.4.2	m		'0'B, '1'B	
20	$I_P$ error correction	7.2.3.4.2	m		'0'B, '1'B	
21	Multibearer connection	7.2.3.4.2	m		'0'B, '1'B	
22	Higher layer info.	7.2.3.4.2	m		16 bits value	

A.8.2.4  $Q_T$  - Extended fixed part capabilitiesTable A.92:  $Q_T$  - Extended fixed part capabilities (Sending FT to PT)

Prerequisite: A.58/4						
Item	$Q_T$ - Extended fixed part capabilities	Ref.	Status	Supp.	Value Allowed	Value Supported
1	$Q_T$ header	7.2.3.5.1	m		'0100'B	
2	Wireless relay stations	7.2.3.5.2.1	m		'000000'B .. '111111'B	
3	Synchronization field	7.2.3.5.2.2	m		'00'B, '01'B	
4	Frequency replacement field	7.2.3.5.2.3	m		'0'B, '1'B	
5	Reserved Physical/MAC field	7.2.3.5.2	m		(x - 20) bits value	
6	Reserved Higher layer field	7.2.3.5.1	m		(47 - x) bits value	

A.8.2.5  $Q_T$  - Secondary access rights identitiesTable A.93:  $Q_T$  - Secondary access rights identities (Sending FT to PT)

Prerequisite: A.58/5						
Item	$Q_T$ - Secondary access rights identities	Ref.	Status	Supp.	Value	Value Supported
1	$Q_T$ header	7.2.3.6.1	m		'0101'B	
2	SARI message	7.2.3.6.2	m		36 bits value	



### A.8.2.6 $Q_T$ - Multi-frame number

Table A.94:  $Q_T$  - Multi-frame number (Sending FT to PT)

Prerequisite: A.58/6						
Item	$Q_T$ - Multi-frame number	Ref.	Status	Supp.	Value Allowed	Value Supported
1	$Q_T$ header	7.2.3.7.1	m		'0110'B	
2	Spare	7.2.3.7.1	m		'1111 0000 1111'B	
3	Multiframe number	7.2.3.7.2	m		24 bits value	

### A.8.2.7 $Q_T$ - escape

Table A.95:  $Q_T$  - escape (Sending FT to PT)

Prerequisite: A.58/7						
Item	$Q_T$ - escape	Ref.	Status	Supp.	Value Allowed	Value Supported
1	$Q_T$ header	7.2.3.8.1	m		'0111'B	
2	Proprietary mess.	7.2.3.8.2	m		36 bits value	

## A.8.3 A - field paging tail ( $P_T$ ) messages

### A.8.3.1 $P_T$ message - Full page

Table A.96:  $P_T$  message - Full page (Sending FT to PT)

Prerequisite: A.59/1						
Item	$P_T$ message - Full page	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Extend flag	7.2.4.2.2	m		'0'B, '1'B	
2	$B_S$ SDU length	7.2.4.2.3	m		'010'B	
3	36 bits $B_S$ data	7.2.4.1.1	m		36 bits value	

### A.8.3.2 $P_T$ message - Long page

Table A.97:  $P_T$  message - Long page (Sending FT to PT)

Prerequisite: A.59/2						
Item	$P_T$ message - Long page	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Extend flag	7.2.4.2.2	m		'0'B, '1'B	
2	$B_S$ SDU length	7.2.4.2.3	m		'100'B .. '111'B	
3	36 bits $B_S$ data	7.2.4.1.1	m		36 bits value	

### A.8.3.3 P<sub>T</sub> message - Short page

Table A.98: P<sub>T</sub> message - Short page (Sending FT to PT)

Prerequisite: A.59/3						
Item	P <sub>T</sub> message - Short page	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Extend flag	7.2.4.2.2	m		'0'B, '1'B	
2	B <sub>S</sub> SDU length	7.2.4.2.3	m		'001'B	
3	20 bits B <sub>S</sub> data	7.2.4.1.2	m		20 bits value	
4	Info type	7.2.4.3.1	m		'0000'B .. '1111'B	
5	MAC info. element	7.2.4.1.2	m		12 bits value	

### A.8.3.4 P<sub>T</sub> message - Zero length page

Table A.99: P<sub>T</sub> message - Zero length page (Sending FT to PT)

Prerequisite: A.59/4						
Item	P <sub>T</sub> message - Zero length page	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Extend flag	7.2.4.2.2	m		'0'B, '1'B	
2	B <sub>S</sub> SDU length	7.2.4.2.3	m		'000'B	
3	20 LSB bits of RFPI	7.2.4.1.3	m		20 bits value	
4	Info type	7.2.4.3.1	m		'0000'B .. '1111'B	
5	MAC info. element	7.2.4.1.3	m		12 bits value	

### A.8.3.5 P<sub>T</sub> messages - MAC info. element

#### A.8.3.5.1 MAC info. element - Fill bits

Table A.100: MAC info. element - Fill bits (Sending FT to PT)

Prerequisite: A.60/1						
Item	MAC info. element - Fill bits	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Fill bits	7.2.4.3.2	m		'1111 0000 1111'B	

#### A.8.3.5.2 MAC info. element - Blind full slot

Table A.101: MAC info. element - Blind full slot (Sending FT to PT)

Prerequisite: A.60/2						
Item	MAC info. element - Blind full slot	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Slot {0,12} (a36)	7.2.4.3.3	m		'0'B, '1'B	
2	Slot {1,13} (a37)	7.2.4.3.3	m		'0'B, '1'B	
3	Slot {2,14} (a38)	7.2.4.3.3	m		'0'B, '1'B	
4	Slot {3,15} (a39)	7.2.4.3.3	m		'0'B, '1'B	
5	Slot {4,16} (a40)	7.2.4.3.3	m		'0'B, '1'B	
6	Slot {5,17} (a41)	7.2.4.3.3	m		'0'B, '1'B	
7	Slot {6,18} (a42)	7.2.4.3.3	m		'0'B, '1'B	
8	Slot {7,19} (a43)	7.2.4.3.3	m		'0'B, '1'B	
9	Slot {8,20} (a44)	7.2.4.3.3	m		'0'B, '1'B	
10	Slot {9,21} (a45)	7.2.4.3.3	m		'0'B, '1'B	
11	Slot {10,22} (a46)	7.2.4.3.3	m		'0'B, '1'B	
12	Slot {11,23} (a47)	7.2.4.3.3	m		'0'B, '1'B	

## A.8.3.5.3 MAC info. element - Other bearer

**Table A.102: MAC info. element - Other bearer (Sending FT to PT)**

Prerequisite: A.60/3						
Item	MAC info. element - Other bearer	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
2	Start position	7.2.3.2.4	m		'00'B, '10'B	
3	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	

## A.8.3.5.4 MAC info. element - Recommended other bearer

**Table A.103: MAC info. element - Recommended other bearer (Sending FT to PT)**

Prerequisite: A.60/4						
Item	MAC info. element - Recommended other bearer	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
2	Start position	7.2.3.2.4	m		'00'B, '10'B	
3	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	

## A.8.3.5.5 MAC info. element - Good RFP bearer

**Table A.104: MAC info. element - Good RFP bearer (Sending FT to PT)**

Prerequisite: A.60/5						
Item	MAC info. element - Good RFP bearer	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
2	Start position	7.2.3.2.4	m		'00'B, '10'B	
3	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	

## A.8.3.5.6 MAC info. element - Dummy or C/L bearer position

**Table A.105: MAC info. element - Dummy or C/L bearer position (Sending FT to PT)**

Prerequisite: A.60/6						
Item	MAC info. element - Dummy or C/L bearer position	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
2	Start position	7.2.3.2.4	m		'00'B, '10'B	
3	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	

## A.8.3.5.7 MAC info. element - RFP identity

**Table A.106: MAC info. element - RFP identity (Sending FT to PT)**

Prerequisite: A.60/7						
Item	MAC info. element - RFP identity	Ref.	Status	Supp.	Value Allowed	Value Supported
1	12 LSB bits of RFPI	7.2.4.3.5	m		12 bits value	

## A.8.3.5.8 MAC info. element - Escape

Table A.107: MAC info. element - Escape (Sending FT to PT)

Prerequisite: A.60/8						
Item	MAC info. element - Escape	Ref.	Status	Supp.	Value Allowed	Value Supported
1	12 bits proprietary	7.2.4.3.6	m		12 bits value	

## A.8.3.5.9 MAC info. element - Dummy or C/L bearer marker

Table A.108: MAC info. element - Dummy or C/L bearer marker (Sending FT to PT)

Prerequisite: A.60/9						
Item	MAC info. element - Dummy or C/L bearer marker	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Marker	7.2.4.3.7	m		'1111 0000 1111'B	

## A.8.3.5.10 MAC info. element - Bearer handover information

Table A.109: MAC info. element - Bearer handover information (Sending FT to PT)

Prerequisite: A.60/10						
Item	MAC info. element - Bearer handover information	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Info type	7.2.4.3.8	m		'0000'B .. '0011'B	
2	Parameter	7.2.4.3.8	m		'0000 1111'B or last 8 bits of 12 bits 'bit mask'	

## A.8.3.5.11 MAC info. element - RFP status

Table A.110: MAC info. element - RFP status (Sending FT to PT)

Prerequisite: A.60/11						
Item	MAC info. element - RFP status	Ref.	Status	Supp.	Value Allowed	Value Supported
1	RFP status	7.2.4.3.9	m		'0000'B .. '1111'B	
2	Spare	7.2.4.3.9	m		'0000 1111'B	

## A.8.3.5.12 MAC info. element - Active carriers

Table A.111: MAC info. element - Active carriers (Sending FT to PT)

Prerequisite: A.60/12						
Item	MAC info. element - Active carriers	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Carrier 0 (a36)	7.2.4.3.10	m		'0'B, '1'B	
2	Carrier 1 (a37)	7.2.4.3.10	m		'0'B, '1'B	
3	Carrier 2 (a38)	7.2.4.3.10	m		'0'B, '1'B	
4	Carrier 3 (a39)	7.2.4.3.10	m		'0'B, '1'B	
5	Carrier 4 (a40)	7.2.4.3.10	m		'0'B, '1'B	
6	Carrier 5 (a41)	7.2.4.3.10	m		'0'B, '1'B	
7	Carrier 6 (a42)	7.2.4.3.10	m		'0'B, '1'B	
8	Carrier 7 (a43)	7.2.4.3.10	m		'0'B, '1'B	
9	Carrier 8 (a44)	7.2.4.3.10	m		'0'B, '1'B	
10	Carrier 9 (a45)	7.2.4.3.10	m		'0'B, '1'B	
11	Spare	7.2.4.3.10	m		'00'B	

## A.8.3.5.13 MAC info. element - C/L bearer position

Table A.112: MAC info. element - C/L bearer position (Sending FT to PT)

Prerequisite: A.60/13						
Item	MAC info. element - C/L bearer position	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
2	Start position	7.2.3.2.4	m		'00'B, '10'B	
3	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	

## A.8.3.5.14 MAC info. element - Recommended PP power level

Table A.113: MAC info. element - Recommended PP power level (Sending FT to PT)

Prerequisite: A.60/14						
Item	MAC info. element - Recommended PP power level	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Carriers $0 \leq c \leq 9$	7.2.4.3.11	m		'0'B, '1'B	
2	Carriers $c \geq 10$	7.2.4.3.11	m		'00'B .. '11'B	
3	Reserved field	7.2.4.3.11	m		9 bits value	

### A.8.3.5.15 MAC info. element - Blind double slot / RFP-FP interface resource information

**Table A.114: MAC info. element - Blind double slot / RFP-FP interface resource information (Sending FT to PT)**

Prerequisite: A.60/15						
Item	MAC info. element - Blind double slot / RFP-FP interface resource information	Ref.	Status	Supp.	Value Allowed	Value Supported
1	Double slot pair K=0/12 (a36)	7.2.4.3.12	m		'0'B, '1'B	
2	Double slot pair K=2/14 (a37)	7.2.4.3.12	m		'0'B, '1'B	
3	Double slot pair K=4/16 (a38)	7.2.4.3.12	m		'0'B, '1'B	
4	Double slot pair K=6/18 (a39)	7.2.4.3.12	m		'0'B, '1'B	
5	Double slot pair K=8/20 (a40)	7.2.4.3.12	m		'0'B, '1'B	
6	Double slot pair K=10/22 (a41)	7.2.4.3.12	m		'0'B, '1'B	
7	Full slot units on RFP-FP interface	7.2.4.3.12	m		'000'B, '111'B	
8	Double slot units on RFP-FP interface	7.2.4.3.12	m		'000'B, '110'B	

### A.8.3.5.16 MAC info. element - Modulation types information

**Table A.115: MAC info. element - Modulation types information (Sending FT to PT)**

Prerequisite: A.60/16						
Item	MAC info. element - Modulation types information	Ref.	Status	Supp.	Value Allowed	Value Supported
1	(B+Z)-fields information	7.2.4.3.13	m		'000000'B .. '000111'B , '111111'B	
2	A-field information	7.2.4.3.13	m		'000000'B .. '000111'B , '111111'B	

## A.8.4 A - field MAC control ( $M_T$ ) messages

### A.8.4.1 Basic connection control messages

#### A.8.4.1.1 Basic CC - access request

**Table A.116: Basic CC - access request (Receiving PT to FT)**

Prerequisite: A.63/1						
Item	Basic CC access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	$M_T$ header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0000'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.2	m		20 bits value	

**Table A.117: Basic CC - access request (Sending FT to PT)**

Prerequisite: A.64/1						
Item	Basic CC access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0000'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.2	m		20 bits value	

## A.8.4.1.2 Basic CC - bearer handover request

**Table A.118: Basic CC - bearer handover request (Receiving PT to FT)**

Prerequisite: A.63/2						
Item	Basic CC bearer handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0001'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.2	m		20 bits value	

**Table A.119: Basic CC - bearer handover request (Sending FT to PT)**

Prerequisite: A.64/2						
Item	Basic CC bearer handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0001'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.2	m		20 bits value	

## A.8.4.1.3 Basic CC - connection handover request

**Table A.120: Basic CC - connection handover request (Receiving PT to FT)**

Prerequisite: A.63/3						
Item	Basic CC connection handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0010'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.2	m		20 bits value	

**Table A.121: Basic CC - connection handover request (Sending FT to PT)**

Prerequisite: A.64/3						
Item	Basic CC connection handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0010'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.2	m		20 bits value	

## A.8.4.1.4 Basic CC - unconfirmed access request

Table A.122: Basic CC - unconfirmed access request (Receiving PT to FT)

Prerequisite: A.63/4						
Item	Basic CC unconfirmed access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0011'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.2	m		20 bits value	

Table A.123: Basic CC - unconfirmed access request (Sending FT to PT)

Prerequisite: A.64/4						
Item	Basic CC unconfirmed access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0011'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.2	m		20 bits value	

## A.8.4.1.5 Basic CC - bearer confirm

Table A.124: Basic CC - bearer confirm (Sending FT to PT)

Prerequisite: A.64/5						
Item	Basic CC bearer confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0100'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.2	m		20 bits value	

## A.8.4.1.6 Basic CC - wait

Table A.125: Basic CC - wait (Receiving PT to FT)

Prerequisite: A.63/6						
Item	Basic CC wait	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0101'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.3	m		20 bits value, '1111 0000 1111 0000 1111'B	



Table A.126: Basic CC - wait (Sending FT to PT)

Prerequisite: A.64/6						
Item	Basic CC wait	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0101'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.3	m		20 bits value, '1111 0000 1111 0000 1111'B	

## A.8.4.1.7 Basic CC - release

Table A.127: Basic CC - release (Receiving PT to FT)

Prerequisite: A.63/7						
Item	Basic CC release	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'1111'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.2	m		20 bits value	

Table A.128: Basic CC - release (Sending FT to PT)

Prerequisite: A.64/7						
Item	Basic CC release	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'1111'B	
3	FMID	7.2.5.2.2	m		12 bits value	
4	PMID	7.2.5.2.2	m		20 bits value	

## A.8.4.1.8 Basic CC - attributes\_T request

Table A.129: Basic CC - attributes\_T request (Receiving PT to FT)

Prerequisite: A.63/8						
Item	Basic CC attributes_T request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0110'B	
3	ECN	7.2.5.3.8	m		4 bits value	
4	LBN	7.2.5.3.8	m		4 bits value	
5	Connection type	7.2.5.3.8	m		'00'B .. '11'B	
6	Service type	7.2.5.3.8	m		'000'B .. '101'B	
7	Maximum lifetime	7.2.5.3.8	m		3 bits value	
8	Slot type	7.2.5.3.8	m		'0000'B .. '0010'B	
9	CF support flag	7.2.5.3.8	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8	m		'111'B	
11	Spare2	7.2.5.3.8	m		'0000'B	
12	A-field modulation type	7.2.5.3.8	m		'11'B	
13	(B+Z)-fields modulation type	7.2.5.3.8	m		'11'B	

NOTE: To item 7: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

Table A.130: Basic CC - attributes\_T request (Sending FT to PT)

Prerequisite: A.64/8						
Item	Basic CC attributes_T request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0110'B	
3	ECN	7.2.5.3.8	m		4 bits value	
4	LBN	7.2.5.3.8	m		4 bits value	
5	Connection type	7.2.5.3.8	m		'00'B .. '11'B	
6	Service type	7.2.5.3.8	m		'000'B .. '101'B	
7	Maximum lifetime	7.2.5.3.8	m		3 bits value	
8	Slot type	7.2.5.3.8	m		'0000'B .. '0010'B	
9	CF support flag	7.2.5.3.8	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8	m		'111'B	
11	Spare2	7.2.5.3.8	m		'0000'B	
12	A-field modulation type	7.2.5.3.8	m		'11'B	
13	(B+Z)-fields modulation type	7.2.5.3.8	m		'11'B	

NOTE: To item 7: Unless the service is I<sub>P</sub>\_error\_correction, this parameter is set to '000'.

## A.8.4.1.9 Basic CC - attributes\_T confirm

Table A.131: Basic CC - attributes\_T confirm (Receiving PT to FT)

Prerequisite: A.63/9						
Item	Basic CC attributes_T confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0111'B	
3	ECN	7.2.5.3.8	m		4 bits value	
4	LBN	7.2.5.3.8	m		4 bits value	
5	Connection type	7.2.5.3.8	m		'00'B .. '11'B	
6	Service type	7.2.5.3.8	m		'000'B .. '101'B	
7	Maximum lifetime	7.2.5.3.8	m		3 bits value	
8	Slot type	7.2.5.3.8	m		'0000'B .. '0010'B	
9	CF support flag	7.2.5.3.8	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8	m		'111'B	
11	Spare2	7.2.5.3.8	m		'0000'B	
12	A-field modulation type	7.2.5.3.8	m		'11'B	
13	(B+Z)-fields modulation type	7.2.5.3.8	m		'11'B	

NOTE: To item 7: Unless the service is I<sub>P</sub>\_error\_correction, this parameter is set to '000'.

Table A.132: Basic CC - attributes\_T confirm (Sending FT to PT)

Prerequisite: A.64/9						
Item	Basic CC attributes_T confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.2.2	m		'0000'B	
2	Command	7.2.5.2.2	m		'0111'B	
3	ECN	7.2.5.3.8	m		4 bits value	
4	LBN	7.2.5.3.8	m		4 bits value	
5	Connection type	7.2.5.3.8	m		'00'B .. '11'B	
6	Service type	7.2.5.3.8	m		'000'B .. '101'B	
7	Maximum lifetime	7.2.5.3.8	m		3 bits value	
8	Slot type	7.2.5.3.8	m		'0000'B .. '0010'B	
9	CF support flag	7.2.5.3.8	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8	m		'111'B	
11	Spare2	7.2.5.3.8	m		'0000'B	
12	A-field modulation type	7.2.5.3.8	m		'11'B	
13	(B+Z)-fields modulation type	7.2.5.3.8	m		'11'B	

NOTE: To item 7: Unless the service is I<sub>P</sub>\_error\_correction, this parameter is set to '000'.

## A.8.4.2 MAC layer test messages

### A.8.4.2.1 MAC test - force transmit

Table A.133: MAC test - force transmit (Receiving PT to FT)

Prerequisite: A.65/1						
Item	MAC test - force transmit	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.4.2	m		'0010'B	
2	Command	7.2.5.4.2	m		'0000'B	
3	Spare1	7.2.5.4.2	m		'0101010'B	
4	KP	7.2.5.4.2	m		'0'B, '1'B	
5	Handover disable	7.2.5.4.2	m		'0'B, '1'B	
6	Spare2	7.2.5.4.2	m		'000'B	
7	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
8	Start position	7.2.3.2.4	m		'00'B, '10'B	
9	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
10	Spare3	7.2.5.4.2	m		'0000 1111"	

### A.8.4.2.2 MAC test - loopback data

Table A.134: MAC test - loopback data (Receiving PT to FT)

Prerequisite: A.65/2						
Item	MAC test - loopback data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.4.3	m		'0010'B	
2	Command	7.2.5.4.3	m		'0001'B	
3	Loopback data field	7.2.5.4.3	m		32 bits value	

## A.8.4.2.3 MAC test - defeat antenna diversity

Table A.135: MAC test - defeat antenna diversity (Receiving PT to FT)

Prerequisite: A.65/3						
Item	MAC test - defeat antenna diversity	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.4.4	m		'0010'B	
2	Command	7.2.5.4.4	m		'0010'B	
3	Spare1	7.2.5.4.4	m		'0'B	
4	Antenna number	7.2.5.4.4	m		'000'B .. '111'B	
5	Spare2	7.2.5.4.4	m		'1111 0000 1111 0000 1111 0000 1111'B	

## A.8.4.2.4 MAC test - escape

Table A.136: MAC test - escape (Receiving PT to FT)

Prerequisite: A.65/4						
Item	MAC test - escape	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.4.5	m		'0010'B	
2	Command	7.2.5.4.5	m		'0100'B	
3	Proprietary mess.	7.2.5.4.5	m		32 bits value	

## A.8.4.2.5 MAC test - network test

Table A.137: MAC test - network test (Receiving PT to FT)

Prerequisite: A.65/5						
Item	MAC test - network test	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.4.6	m		'0010'B	
2	Command	7.2.5.4.6	m		'0101'B	
3	Test message	7.2.5.4.6	m		32 bits value	

## A.8.4.2.6 MAC test - clear test modes

Table A.138: MAC test - clear test modes (Receiving PT to FT)

Prerequisite: A.65/6						
Item	MAC test - clear test modes	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.4.7	m		'0010'B	
2	Command	7.2.5.4.7	m		'1111'B	
3	Spare	7.2.5.4.7	m		'0000 1111 0000 1111 0000 1111 0000 1111'B	

## A.8.4.2.7 MAC test - change modulation scheme

Table A.139: MAC test - change modulation scheme (Receiving PT to FT)

Prerequisite: A.65/7						
Item	MAC test - change modulation scheme	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.4.8	m		'0010'B	
2	Command	7.2.5.4.8	m		'0110'B	
3	Spare1	7.2.5.4.8	m		'0'B	
4	SCH	7.2.5.4.8	m		'000'B .. '111'B	
5	Spare2	7.2.5.4.8	m		'1111 0000 1111 0000 1111 0000 1111'B	

## A.8.4.3 Advanced connection control messages

## A.8.4.3.1 Advanced CC - access request

Table A.140: Advanced CC - access request (Receiving PT to FT)

Prerequisite: A.67/1						
Item	Advanced CC - access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.2	m		'0001'B	
2	Command	7.2.5.3.2	m		'0000'B	
3	FMID	7.2.5.3.2	m		12 bits value	
4	PMID	7.2.5.3.2	m		20 bits value	

Table A.141: Advanced CC - access request (Sending FT to PT)

Prerequisite: A.68/1						
Item	Advanced CC - access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.2	m		'0001'B	
2	Command	7.2.5.3.2	m		'0000'B	
3	FMID	7.2.5.3.2	m		12 bits value	
4	PMID	7.2.5.3.2	m		20 bits value	

## A.8.4.3.2 Advanced CC - bearer handover request

Table A.142: Advanced CC - bearer handover request (Receiving PT to FT)

Prerequisite: A.67/2						
Item	Advanced CC - bearer handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.3	m		'0001'B	
2	Command	7.2.5.3.3	m		'0001'B	
3	FMID	7.2.5.3.3	m		12 bits value	
4	PMID	7.2.5.3.3	m		20 bits value	

## A.8.4.3.3 Advanced CC - connection handover request

**Table A.143: Advanced CC - connection handover request (Receiving PT to FT)**

Prerequisite: A.67/3						
Item	Advanced CC - connection handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.4	m		'0001'B	
2	Command	7.2.5.3.4	m		'0010'B	
3	FMID	7.2.5.3.4	m		12 bits value	
4	PMID	7.2.5.3.4	m		20 bits value	

**Table A.144: Advanced CC - connection handover request (Sending FT to PT)**

Prerequisite: A.68/3						
Item	Advanced CC - connection handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.4	m		'0001'B	
2	Command	7.2.5.3.4	m		'0010'B	
3	FMID	7.2.5.3.4	m		12 bits value	
4	PMID	7.2.5.3.4	m		20 bits value	

## A.8.4.3.4 Advanced CC - unconfirmed access request

**Table A.145: Advanced CC - unconfirmed access request (Receiving PT to FT)**

Prerequisite: A.67/4						
Item	Advanced CC - unconfirmed access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.5	m		'0001'B	
2	Command	7.2.5.3.5	m		'0011'B	
3	FMID	7.2.5.3.5	m		12 bits value	
4	PMID	7.2.5.3.5	m		20 bits value	

**Table A.146: Advanced CC - unconfirmed access request (Sending FT to PT)**

Prerequisite: A.68/4						
Item	Advanced CC - unconfirmed access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.5	m		'0001'B	
2	Command	7.2.5.3.5	m		'0011'B	
3	FMID	7.2.5.3.5	m		12 bits value	
4	PMID	7.2.5.3.5	m		20 bits value	

## A.8.4.3.5 Advanced CC - bearer confirm

Table A.147: Advanced CC - bearer confirm (Receiving PT to FT)

Prerequisite: A.67/5						
Item	Advanced CC - bearer confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.6	m		'0001'B	
2	Command	7.2.5.3.6	m		'0100'B	
3	FMID	7.2.5.3.6	m		12 bits value	
4	PMID	7.2.5.3.6	m		20 bits value	

Table A.148: Advanced CC - bearer confirm (Sending FT to PT)

Prerequisite: A.68/5						
Item	Advanced CC - bearer confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.6	m		'0001'B	
2	Command	7.2.5.3.6	m		'0100'B	
3	FMID	7.2.5.3.6	m		12 bits value	
4	PMID	7.2.5.3.6	m		20 bits value	

## A.8.4.3.6 Advanced CC - wait

Table A.149: Advanced CC - wait (Receiving PT to FT)

Prerequisite: A.67/6						
Item	Advanced CC - wait	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.7	m		'0001'B	
2	Command	7.2.5.3.7	m		'0101'B	
3	FMID	7.2.5.3.7	m		12 bits value	
4	PMID	7.2.5.3.7	m		20 bits value, '1111 0000 1111 0000 1111'B	

Table A.150: Advanced CC - wait (Sending FT to PT)

Prerequisite: A.68/6						
Item	Advanced CC - wait	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.7	m		'0001'B	
2	Command	7.2.5.3.7	m		'0101'B	
3	FMID	7.2.5.3.7	m		12 bits value	
4	PMID	7.2.5.3.7	m		20 bits value, '1111 0000 1111 0000 1111'B	

## A.8.4.3.7 Advanced CC - Attributes\_T request

Table A.151: Advanced CC - Attributes\_T request (Receiving PT to FT)

Prerequisite: A.67/7						
Item	Advanced CC - Attributes_T request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.8	m		'0001'B	
2	Command	7.2.5.3.8	m		'0110'B	
3	ECN	7.2.5.3.8	m		4 bits value	
4	LBN	7.2.5.3.8	m		4 bits value	
5	Connection type	7.2.5.3.8	m		'00'B .. '11'B	
6	Service type	7.2.5.3.8	m		'000'B .. '101'B	
7	Maximum lifetime	7.2.5.3.8	m		3 bits value	
8	Slot type	7.2.5.3.8	m		'0000'B .. '0010'B	
9	CF support flag	7.2.5.3.8	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8	m		'111'B	
11	Spare2	7.2.5.3.8	m		'0000'B	
12	A-field modulation type	7.2.5.3.8	m		'01'B .. '11'B	
13	(B+Z)-fields modulation type	7.2.5.3.8	m		'01'B .. '11'B	

NOTE: To item 7: Unless the service is I<sub>P</sub>\_error\_correction, this parameter is set to '000'.

Table A.152: Advanced CC - Attributes\_T request (Sending FT to PT)

Prerequisite: A.68/7						
Item	Advanced CC - Attributes_T request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.8	m		'0001'B	
2	Command	7.2.5.3.8	m		'0110'B	
3	ECN	7.2.5.3.8	m		4 bits value	
4	LBN	7.2.5.3.8	m		4 bits value	
5	Connection type	7.2.5.3.8	m		'00'B .. '11'B	
6	Service type	7.2.5.3.8	m		'000'B .. '101'B	
7	Maximum lifetime	7.2.5.3.8	m		3 bits value	
8	Slot type	7.2.5.3.8	m		'0000'B .. '0010'B	
9	CF support flag	7.2.5.3.8	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8	m		'111'B	
11	Spare2	7.2.5.3.8	m		'0000'B	
12	A-field modulation type	7.2.5.3.8	m		'01'B .. '11'B	
13	(B+Z)-fields modulation type	7.2.5.3.8	m		'01'B .. '11'B	

NOTE: To item 7: Unless the service is I<sub>P</sub>\_error\_correction, this parameter is set to '000'.



## A.8.4.3.8 Advanced CC - Attributes\_T confirm

Table A.153: Advanced CC - Attributes\_T confirm (Receiving PT to FT)

Prerequisite: A.67/8						
Item	Advanced CC - Attributes_T confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.8	m		'0001'B	
2	Command	7.2.5.3.8	m		'0111'B	
3	ECN	7.2.5.3.8	m		4 bits value	
4	LBN	7.2.5.3.8	m		4 bits value	
5	Connection type	7.2.5.3.8	m		'00'B .. '11'B	
6	Service type	7.2.5.3.8	m		'000'B .. '101'B	
7	Maximum lifetime	7.2.5.3.8	m		3 bits value	
8	Slot type	7.2.5.3.8	m		'0000'B .. '0010'B	
9	CF support flag	7.2.5.3.8	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8	m		'111'B	
11	Spare2	7.2.5.3.8	m		'0000'B	
12	A-field modulation type	7.2.5.3.8	m		'01'B .. '11'B	
13	(B+Z)-fields modulation type	7.2.5.3.8	m		'01'B .. '11'B	

NOTE: To item 7: Unless the service is I<sub>p</sub>\_error\_correction, this parameter is set to '000'.

Table A.154: Advanced CC - Attributes\_T confirm (Sending FT to PT)

Prerequisite: A.68/8						
Item	Advanced CC - Attributes_T confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.8	m		'0001'B	
2	Command	7.2.5.3.8	m		'0111'B	
3	ECN	7.2.5.3.8	m		4 bits value	
4	LBN	7.2.5.3.8	m		4 bits value	
5	Connection type	7.2.5.3.8	m		'00'B .. '11'B	
6	Service type	7.2.5.3.8	m		'000'B .. '101'B	
7	Maximum lifetime	7.2.5.3.8	m		3 bits value	
8	Slot type	7.2.5.3.8	m		'0000'B .. '0010'B	
9	CF support flag	7.2.5.3.8	m		'0'B, '1'B	
10	Spare1	7.2.5.3.8	m		'111'B	
11	Spare2	7.2.5.3.8	m		'0000'B	
12	A-field modulation type	7.2.5.3.8	m		'01'B .. '11'B	
13	(B+Z)-fields modulation type	7.2.5.3.8	m		'01'B .. '11'B	

NOTE: To item 7: Unless the service is I<sub>p</sub>\_error\_correction, this parameter is set to '000'.

## A.8.4.3.9 Advanced CC - Bandwidth\_T request

Table A.155: Advanced CC - Bandwidth\_T request (Receiving PT to FT)

Prerequisite: A.67/9						
Item	Advanced CC - Bandwidth_T request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.9	m		'0001'B	
2	Command	7.2.5.3.9	m		'1000'B	
3	spare1	7.2.5.3.9	m		'000'B	
4	M-up	7.2.5.3.9	m		'00000'B .. '11110'B	
5	spare2	7.2.5.3.9	m		'000'B	
6	T-up	7.2.5.3.9	m		'00000'B .. '11110'B	
7	spare3	7.2.5.3.9	m		'000'B	
8	M-down	7.2.5.3.9	m		'00000'B .. '11110'B	
9	spare4	7.2.5.3.9	m		'000'B	
10	T-down	7.2.5.3.9	m		'00000'B .. '11110'B	

Table A.156: Advanced CC - Bandwidth\_T request (Sending FT to PT)

Prerequisite: A.68/9						
Item	Advanced CC - Bandwidth_T request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.9	m		'0001'B	
2	Command	7.2.5.3.9	m		'1000'B	
3	spare1	7.2.5.3.9	m		'000'B	
4	M-up	7.2.5.3.9	m		'00000'B .. '11110'B	
5	spare2	7.2.5.3.9	m		'000'B	
6	T-up	7.2.5.3.9	m		'00000'B .. '11110'B	
7	spare3	7.2.5.3.9	m		'000'B	
8	M-down	7.2.5.3.9	m		'00000'B .. '11110'B	
9	spare4	7.2.5.3.9	m		'000'B	
10	T-down	7.2.5.3.9	m		'00000'B .. '11110'B	

## A.8.4.3.10 Advanced CC - Bandwidth\_T confirm

Table A.157: Advanced CC - Bandwidth\_T confirm (Receiving PT to FT)

Prerequisite: A.67/10						
Item	Advanced CC - Bandwidth_T confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.9	m		'0001'B	
2	Command	7.2.5.3.9	m		'1001'B	
3	spare1	7.2.5.3.9	m		'000'B	
4	M-up	7.2.5.3.9	m		'00000'B .. '11110'B	
5	spare2	7.2.5.3.9	m		'000'B	
6	T-up	7.2.5.3.9	m		'00000'B .. '11110'B	
7	spare3	7.2.5.3.9	m		'000'B	
8	M-down	7.2.5.3.9	m		'00000'B .. '11110'B	
9	spare4	7.2.5.3.9	m		'000'B	
10	T-down	7.2.5.3.9	m		'00000'B .. '11110'B	

Table A.158: Advanced CC - Bandwidth\_T confirm (Sending FT to PT)

Prerequisite: A.68/10						
Item	Advanced CC - Bandwidth_T confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.9	m		'0001'B	
2	Command	7.2.5.3.9	m		'1001'B	
3	spare1	7.2.5.3.9	m		'000'B	
4	M-up	7.2.5.3.9	m		'00000'B .. '11110'B	
5	spare2	7.2.5.3.9	m		'000'B	
6	T-up	7.2.5.3.9	m		'00000'B .. '11110'B	
7	spare3	7.2.5.3.9	m		'000'B	
8	M-down	7.2.5.3.9	m		'00000'B .. '11110'B	
9	spare4	7.2.5.3.9	m		'000'B	
10	T-down	7.2.5.3.9	m		'00000'B .. '11110'B	

## A.8.4.3.11 Advanced CC - Channel List

Table A.159: Advanced CC - Channel List (Receiving PT to FT)

Prerequisite: A.67/11						
Item	Advanced CC - channel List	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.10	m		'0001'B	
2	Command	7.2.5.3.10	m		'1010'B	
3	RPN	7.2.5.3.10	m		8 bits value	
4	Cmd	7.2.5.3.10	m		'000'B .. '111'B	
5	S/D flag	7.2.5.3.10	m		'0'B, '1'B	
6	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
7	Start position	7.2.3.2.4	m		'00'B, '10'B	
8	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
9	Spare	7.2.5.3.10	m		8 bits value	

Table A.160: Advanced CC - Channel List (Sending FT to PT)

Prerequisite: A.68/11						
Item	Advanced CC - channel List	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.10	m		'0001'B	
2	Command	7.2.5.3.10	m		'1010'B	
3	RPN	7.2.5.3.10	m		8 bits value	
4	Cmd	7.2.5.3.10	m		'000'B .. '111'B	
5	S/D flag	7.2.5.3.10	m		'0'B, '1'B	
6	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
7	Start position	7.2.3.2.4	m		'00'B, '10'B	
8	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
9	Spare	7.2.5.3.10	m		8 bits value	

## A.8.4.3.12 Advanced CC - Unconfirmed\_dummy

Table A.161: Advanced CC - Unconfirmed\_dummy (Receiving PT to FT)

Prerequisite: A.67/12						
Item	Advanced CC - Unconfirmed_dummy	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.11	m		'0001'B	
2	Command	7.2.5.3.11	m		'1011'B	
3	FMID	7.2.5.3.11	m		12 bits value	
4	PMID	7.2.5.3.11	m		20 bits value	

**Table A.162: Advanced CC - Unconfirmed\_dummy (Sending FT to PT)**

Prerequisite: A.68/12						
Item	Advanced CC - Unconfirmed_dummy	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.11	m		'0001'B	
2	Command	7.2.5.3.11	m		'1011'B	
3	FMID	7.2.5.3.11	m		12 bits value	
4	PMID	7.2.5.3.11	m		20 bits value	

## A.8.4.3.13 Advanced CC - Unconfirmed\_handover

**Table A.163: Advanced CC - Unconfirmed\_handover (Receiving PT to FT)**

Prerequisite: A.67/13						
Item	Advanced CC - Unconfirmed_handover	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.12	m		'0001'B	
2	Command	7.2.5.3.12	m		'1100'B	
3	FMID	7.2.5.3.12	m		12 bits value	
4	PMID	7.2.5.3.12	m		20 bits value	

**Table A.164: Advanced CC - Unconfirmed\_handover (Sending FT to PT)**

Prerequisite: A.68/13						
Item	Advanced CC - Unconfirmed_handover	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.12	m		'0001'B	
2	Command	7.2.5.3.12	m		'1100'B	
3	FMID	7.2.5.3.12	m		12 bits value	
4	PMID	7.2.5.3.12	m		20 bits value	

## A.8.4.3.14 Advanced CC - release

**Table A.165: Advanced CC - release (Receiving PT to FT)**

Prerequisite: A.67/14						
Item	Advanced CC - release	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.13	m		'0001'B	
2	Command	7.2.5.3.13	m		'1111'B	
3	Spare	7.2.5.3.13	m		'0000'B	
4	LBN	7.2.5.3.13	m		4 bits value	
5	Reason	7.2.5.3.13	m		'0000'B .. '1101'B	
6	PMID	7.2.5.3.13	m		20 bits value	

Table A.166: Advanced CC - release (Sending FT to PT)

Prerequisite: A.68/14						
Item	Advanced CC - release	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.3.13	m		'0001'B	
2	Command	7.2.5.3.13	m		'1111'B	
3	Spare	7.2.5.3.13	m		'0000'B	
4	LBN	7.2.5.3.13	m		4 bits value	
5	Reason	7.2.5.3.13	m		'0000'B .. '1101'B	
6	PMID	7.2.5.3.13	m		20 bits value	

#### A.8.4.4 Quality control messages

##### A.8.4.4.1 QC - antenna switch single bearer request / reject

Table A.167: QC - antenna switch single bearer request (Receiving PT to FT)

Prerequisite: A.69/1						
Item	QC - antenna switch single bearer request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0000'B	
3	Spare0	7.2.5.5	m		'0000'B	
4	LBN	7.2.5.5	m		4 bits value	
5	Param_2	7.2.5.5	m		'0000 1111'B	
6	Spare1	7.2.5.5	m		'0000 1111'B	
7	Spare2	7.2.5.5	m		'0000 1111'B	

Table A.168: QC - antenna switch single bearer reject (Sending FT to PT)

Prerequisite: A.70/1						
Item	QC - antenna switch single bearer reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0000'B	
3	Spare0	7.2.5.5	m		'0000'B	
4	LBN	7.2.5.5	m		4 bits value	
5	Param_2	7.2.5.5	m		'0000 1111'B	
6	Spare1	7.2.5.5	m		'0000 1111'B	
7	Spare2	7.2.5.5	m		'0000 1111'B	

##### A.8.4.4.2 QC - antenna switch all bearers request / reject

Table A.169: QC - antenna switch all bearers request (Receiving PT to FT)

Prerequisite: A.69/2						
Item	QC - antenna switch all bearers request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0001'B	
3	RPN	7.2.5.5	m		8 bits value	
4	param_2	7.2.5.5	m		'0000 1111'B	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	

**Table A.170: QC - antenna switch all bearers reject (Sending FT to PT)**

Prerequisite: A.70/2						
Item	QC - antenna switch all bearers reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0001'B	
3	RPN	7.2.5.5	m		8 bits value	
4	param_2	7.2.5.5	m		'0000 1111'B	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	

## A.8.4.4.3 QC - bearer handover reject / request

**Table A.171: QC - bearer handover reject (Receiving PT to FT)**

Prerequisite: A.69/3						
Item	QC - bearer handover reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0010'B	
3	Spare0	7.2.5.5	m		'0000'B	
4	LBN	7.2.5.5	m		4 bits value	
5	RPN	7.2.5.5	m		8 bits value or '0000 0000'B	
6	Spare1	7.2.5.5	m		'0000 1111'B	
7	Spare2	7.2.5.5	m		'0000 1111'B	

**Table A.172: QC - bearer handover request (Sending FT to PT)**

Prerequisite: A.70/3						
Item	QC - bearer handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0010'B	
3	Spare0	7.2.5.5	m		'0000'B	
4	LBN	7.2.5.5	m		4 bits value	
5	RPN	7.2.5.5	m		8 bits value or '0000 0000'B	
6	Spare1	7.2.5.5	m		'0000 1111'B	
7	Spare2	7.2.5.5	m		'0000 1111'B	

## A.8.4.4.4 QC - connection handover reject / request

**Table A.173: QC - connection handover reject (Receiving PT to FT)**

Prerequisite: A.69/4						
Item	QC - bearer handover reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0011'B	
3	Param_1	7.2.5.5	m		'0000 1111'B	
4	Param_2	7.2.5.5	m		'0000 1111'B	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	

Table A.174: QC - connection handover request (Sending FT to PT)

Prerequisite: A.70/4						
Item	QC - bearer handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0011'B	
3	Param_1	7.2.5.5	m		'0000 1111'B	
4	Param_2	7.2.5.5	m		'0000 1111'B	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	

## A.8.4.4.5 QC - frequency control single bearer reject / request

Table A.175: QC - frequency control single bearer reject (Receiving PT to FT)

Prerequisite: A.69/5						
Item	QC - frequency control single bearer reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0100'B	
3	Spare0	7.2.5.5	m		'0000'B	
4	LBN	7.2.5.5	m		4 bits value	
5	Frequency error	7.2.5.5	m		8 bits signed value	
6	Spare1	7.2.5.5	m		'0000 1111'B	
7	Spare2	7.2.5.5	m		'0000 1111'B	

Table A.176: QC - frequency control single bearer request (Sending FT to PT)

Prerequisite: A.70/5						
Item	QC - frequency control single bearer request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0100'B	
3	Spare0	7.2.5.5	m		'0000'B	
4	LBN	7.2.5.5	m		4 bits value	
5	Frequency error	7.2.5.5	m		8 bits signed value	
6	Spare1	7.2.5.5	m		'0000 1111'B	
7	Spare2	7.2.5.5	m		'0000 1111'B	

## A.8.4.4.6 QC - frequency control all bearers reject / request

Table A.177: QC - frequency control all bearers reject (Receiving PT to FT)

Prerequisite: A.69/6						
Item	QC - frequency control all bearers reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0101'B	
3	RPN	7.2.5.5	m		8 bits value	
4	Frequency error	7.2.5.5	m		8 bits signed value	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	

**Table A.178: QC - frequency control all bearers request (Sending FT to PT)**

Prerequisite: A.70/6						
Item	QC - frequency control all bearers request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0101'B	
3	RPN	7.2.5.5	m		8 bits value	
4	Frequency error	7.2.5.5	m		8 bits signed value	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	

## A.8.4.4.7 QC - advance timing all bearers reject / request

**Table A.179: QC - advance timing all bearers reject (Receiving PT to FT)**

Prerequisite: A.69/7						
Item	QC - advance timing all bearers reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0110'B	
3	RPN	7.2.5.5	m		8 bits value	
4	Advance timing	7.2.5.5	m		8 bits signed value	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	

**Table A.180: QC - advance timing all bearers request (Sending FT to PT)**

Prerequisite: A.70/7						
Item	QC - advance timing all bearers request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0110'B	
3	RPN	7.2.5.5	m		8 bits value	
4	Advance timing	7.2.5.5	m		8 bits signed value	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	

## A.8.4.4.8 QC - send prolonged preamble request

**Table A.181: QC - send prolonged preamble request (Receiving PT to FT)**

Prerequisite: A.69/8						
Item	QC - send prolonged preamble request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0111'B	
3	RPN	7.2.5.5	m		8 bits value	
4	Param_2	7.2.5.5	m		'0000 0000'B	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	



**Table A.182: QC - send prolonged preamble request (Sending FT to PT)**

Prerequisite: A.70/8						
Item	QC - send prolonged preamble request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0111'B	
3	RPN	7.2.5.5	m		8 bits value	
4	Param_2	7.2.5.5	m		'0000 1111'B	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	

## A.8.4.4.9 QC - transmit prolonged preamble confirm

**Table A.183: QC - transmit prolonged preamble confirm (Receiving PT to FT)**

Prerequisite: A.69/9						
Item	QC - transmit prolonged preamble confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0111'B	
3	RPN	7.2.5.5	m		8 bits value	
4	Param_2	7.2.5.5	m		'0000 1111'B	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	

**Table A.184: QC - transmit prolonged preamble confirm (Sending FT to PT)**

Prerequisite: A.70/9						
Item	QC - transmit prolonged preamble confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'0111'B	
3	RPN	7.2.5.5	m		8 bits value	
4	Param_2	7.2.5.5	m		'0000 0000'B	
5	Spare1	7.2.5.5	m		'0000 1111'B	
6	Spare2	7.2.5.5	m		'0000 1111'B	

## A.8.4.4.10 QC - frequency replacement request / confirm

**Table A.185: QC - frequency replacement request (Receiving PT to FT)**

Prerequisite: A.69/10						
Item	QC - frequency replacement request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'1000'B	
3	First half param_1	7.2.5.5	m		'0000'B	
4	Second half param_1 (slot number)	7.2.5.5	m		'0000'B .. '1011'B	
5	Spare0a	7.2.5.5	m		'0000'B	
6	Carrier number	7.2.5.5	m		'000000'B .. '100000'B	
7	Spare1	7.2.5.5	m		'0000 1111'B	
8	Spare2	7.2.5.5	m		'0000 1111'B	

**Table A.186: QC - frequency replacement confirm (Sending FT to PT)**

Prerequisite: A.70/10						
Item	QC - frequency replacement confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'1000'B	
3	First half param_1	7.2.5.5.	m		'0000'B	
4	Second half param_1 (slot number)	7.2.5.5	m		'0000'B .. '1011'B	
5	Spare0a	7.2.5.5	m		'0000'B	
6	Carrier number	7.2.5.5	m		'000000'B .. '100000'B	
7	Spare1	7.2.5.5	m		'0000 1111'B	
8	Spare2	7.2.5.5	m		'0000 1111'B	

## A.8.4.4.11 QC - frequency replacement grant

**Table A.187: QC - frequency replacement grant (Receiving PT to FT)**

Prerequisite: A.69/11						
Item	QC - frequency replacement grant	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.5	m		'0011'B	
2	Command	7.2.5.5	m		'1000'B	
3	First half param_1	7.2.5.5.	m		'0001'B	
4	Second half param_1 (slot number)	7.2.5.5	m		'0000'B .. '1011'B	
5	Spare0a	7.2.5.5	m		'0000'B	
6	Carrier number	7.2.5.5	m		'000000'B .. '100000'B	
7	Spare1	7.2.5.5	m		'0000 1111'B	
8	Spare2	7.2.5.5	m		'0000 1111'B	

## A.8.4.5 Broadcast and connectionless (BCL) messages

## A.8.4.5.1 BCL - CLF, first of 2 transmissions, half slot

**Table A.188: BCL - CLF, first of 2 transmissions, half slot (Receiving PT to FT)**

Prerequisite: A.71/1						
Item	BCL - CLF, first of 2 transmissions, half slot	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'0000'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

## A.8.4.5.2 BCL - CLF, first of 2 transmissions, full slot

**Table A.189: BCL - CLF first of 2 transmissions, full slot (Receiving PT to FT)**

Prerequisite: A.71/2						
Item	BCL - CLF first of 2 transmissions, full slot	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'0001'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

## A.8.4.5.3 BCL - CLF, first of 2 transmissions, double slot

Table A.190: BCL - CLF first of 2 transmissions, double slot (Receiving PT to FT)

Prerequisite: A.71/3						
Item	BCL - CLF first of 2 transmissions, double slot	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'0010'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

## A.8.4.5.4 BCL - CLF, last transmission, half slot

Table A.191: BCL - CLF, last transmission, half slot (Receiving PT to FT)

Prerequisite: A.71/4						
Item	BCL - CLF, last transmission, half slot	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'0100'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

## A.8.4.5.5 BCL - CLF, last transmission, full slot

Table A.192: BCL - CLF, last transmission, full slot (Receiving PT to FT)

Prerequisite: A.71/5						
Item	BCL - CLF, last transmission, full slot	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'0101'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

## A.8.4.5.6 BCL - CLF, last transmission, double slot

Table A.193: BCL - CLF, last transmission, double slot (Receiving PT to FT)

Prerequisite: A.71/6						
Item	BCL - CLF, last transmission, double slot	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'0110'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

A.8.4.5.7 BCL - C/L single transmission, no CL<sub>F</sub> or CL<sub>S</sub>**Table A.194: BCL - C/L single transmission, no CL<sub>F</sub> or CL<sub>S</sub> (Receiving PT to FT)**

Prerequisite: A.71/7						
Item	BCL - C/L single transmission, no CL <sub>F</sub> or CL <sub>S</sub>	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'1000'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

A.8.4.5.8 BCL - CL<sub>S</sub> service, first transmission**Table A.195: BCL - CL<sub>S</sub> service, first transmission (Receiving PT to FT)**

Prerequisite: A.71/8						
Item	BCL - CL <sub>S</sub> service, first transmission	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'1001'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

## A.8.4.5.9 BCL - change dummy bearer position

**Table A.196: BCL - change dummy bearer position (Receiving PT to FT)**

Prerequisite: A.71/9						
Item	BCL - change dummy bearer position	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'1100'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

## A.8.4.5.10 BCL - extended system info., A-field procedure

**Table A.197: BCL - extended system info., A-field procedure (Receiving PT to FT)**

Prerequisite: A.71/10						
Item	BCL - extended system info., A-field procedure	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'1110'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

**Table A.198: BCL - extended system info., A-field procedure (Sending FT to PT)**

Prerequisite: A.72/10						
Item	BCL - extended system info., A-field procedure	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'1110'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

## A.8.4.5.11 BCL - extended system info., B-field procedure

**Table A.199: BCL - extended system info., B-field procedure (Receiving PT to FT)**

Prerequisite: A.71/11						
Item	BCL - extended system info., B-field procedure	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'1111'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

**Table A.200: BCL - extended system info., B-field procedure (Sending FT to PT)**

Prerequisite: A.72/11						
Item	BCL - extended system info., B-field procedure	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.6	m		'0100'B	
2	Command	7.2.5.6	m		'1111'B	
3	FMID	7.2.5.6	m		12 bits value	
4	PMID	7.2.5.6	m		20 bits value	

## A.8.4.6 Encryption control messages

## A.8.4.6.1 EC - Encryption start

**Table A.201: EC - Encryption start request (Receiving PT to FT)**

Prerequisite: A.73/1						
Item	EC- Encryption start	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0000'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

**Table A.202: EC - Encryption start request (Sending FT to PT)**

Prerequisite: A.74/1						
Item	EC- Encryption start	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0000'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

**Table A.203: EC - Encryption start grant(Receiving PT to FT)**

Prerequisite: A.73/3						
Item	EC- Encryption start	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0010'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

**Table A.204: EC - Encryption start grant(Sending FT to PT)**

Prerequisite: A.74/3						
Item	EC- Encryption start	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0010'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

**Table A.205: EC - Encryption start confirm (Receiving PT to FT)**

Prerequisite: A.73/2						
Item	EC- Encryption start	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0001'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

**Table A.206: EC - Encryption start confirm (Sending FT to PT)**

Prerequisite: A.74/2						
Item	EC- Encryption start	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0001'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

## A.8.4.6.2 EC - Encryption stop

Table A.207: EC - Encryption stop request (Receiving PT to FT)

Prerequisite: A.73/4						
Item	EC - Encryption stop	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0100'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

Table A.208: EC - Encryption stop request (Sending FT to PT)

Prerequisite: A.74/4						
Item	EC - Encryption stop	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0100'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

Table A.209: EC - Encryption stop grant (Receiving PT to FT)

Prerequisite: A.73/6						
Item	EC - Encryption stop	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0110'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

Table A.210: EC - Encryption stop grant (Sending FT to PT)

Prerequisite: A.74/6						
Item	EC - Encryption stop	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0110'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

Table A.211: EC - Encryption stop confirm (Receiving PT to FT)

Prerequisite: A.73/5						
Item	EC - Encryption stop	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0101'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

Table A.212: EC - Encryption stop confirm (Sending FT to PT)

Prerequisite: A.74/5						
Item	EC - Encryption stop	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.7	m		'0101'B	
2	Command	7.2.5.7	m		'0101'B	
3	FMID	7.2.5.7	m		12 bits value	
4	PMID	7.2.5.7	m		20 bits value	

A.8.4.7 M<sub>T</sub> message - B - field set-upTable A.213: M<sub>T</sub> message - B - field set-up (Receiving PT to FT)

Prerequisite: A.61/7						
Item	M <sub>T</sub> message - B - field set-up	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.8	m		'0110'B	
2	36 LSB bits of RFPI	7.2.5.8	m		36 bits value	

A.8.4.8 M<sub>T</sub> message - EscapeTable A.214: M<sub>T</sub> message - Escape (Receiving PT to FT)

Prerequisite: A.61/8						
Item	M <sub>T</sub> message - Escape	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.9	m		'0111'B	
2	Proprietary info.	7.2.5.9	m		36 bits value	

Table A.215: M<sub>T</sub> message - Escape (Sending FT to PT)

Prerequisite: A.62/8						
Item	M <sub>T</sub> message - Escape	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.9	m		'0111'B	
2	Proprietary info.	7.2.5.9	m		36 bits value	

A.8.4.9 M<sub>T</sub> message - TARITable A.216: M<sub>T</sub> message - TARI request (Receiving PT to FT)

Prerequisite: A.61/9						
Item	M <sub>T</sub> message - TARI	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.10	m		'1000'B	
2	36 bits field	7.2.5.10	m		TARI	



**Table A.217: M<sub>T</sub> message - TARI reply (Sending FT to PT)**

Prerequisite: A.62/9						
Item	M <sub>T</sub> message - TARI	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.10	m		'1000'B	
2	36 bits field	7.2.5.10	m		TARI	

### A.8.4.10 REP connection control messages

#### A.8.4.10.1 RCC - REP access request

**Table A.218: RCC - REP access request (Receiving PT to FT)**

Prerequisite: A.75/1						
Item	RCC - REP access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'0000'B	
3	FMID	7.2.5.11	m		12 bits value	
4	PMID	7.2.5.11	m		20 bits value	

#### A.8.4.10.2 RCC - REP bearer handover request

**Table A.219: RCC - REP bearer handover request (Receiving PT to FT)**

Prerequisite: A.75/2						
Item	RCC - REP bearer handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'0001'B	
3	FMID	7.2.5.11	m		12 bits value	
4	PMID	7.2.5.11	m		20 bits value	

#### A.8.4.10.3 RCC - REP bearer confirm

**Table A.220: RCC - REP bearer confirm (Receiving PT to FT)**

Prerequisite: A.75/3						
Item	RCC - REP bearer confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'0100'B	
3	FMID	7.2.5.11	m		12 bits value	
4	PMID	7.2.5.11	m		20 bits value	

**Table A.221: RCC - REP bearer confirm (Sending FT to PT)**

Prerequisite: A.76/3						
Item	RCC - REP bearer confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'0100'B	
3	FMID	7.2.5.11	m		12 bits value	
4	PMID	7.2.5.11	m		20 bits value	

## A.8.4.10.4 RCC - REP wait

Table A.222: RCC - REP wait (Receiving PT to FT)

Prerequisite: A.75/4						
Item	RCC - REP wait	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'0101'B	
3	FMID	7.2.5.11	m		12 bits value	
4	PMID	7.2.5.11	m		20 bits value	

Table A.223: RCC - REP wait (Sending FT to PT)

Prerequisite: A.76/4						
Item	RCC - REP wait	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'0101'B	
3	FMID	7.2.5.11	m		12 bits value	
4	PMID	7.2.5.11	m		20 bits value	

## A.8.4.10.5 RCC - REP release

Table A.224: RCC - REP release (Receiving PT to FT)

Prerequisite: A.75/5						
Item	RCC - REP release	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'1111'B	
3	FMID	7.2.5.11	m		12 bits value	
4	PMID	7.2.5.11	m		20 bits value	

Table A.225: RCC - REP release (Sending FT to PT)

Prerequisite: A.76/5						
Item	RCC - REP release	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'1111'B	
3	FMID	7.2.5.11	m		12 bits value	
4	PMID	7.2.5.11	m		20 bits value	

## A.8.4.10.6 RCC - REP channel map request

Table A.226: RCC - REP channel map request (Receiving PT to FT)

Prerequisite: A.75/6						
Item	RCC - REP channel map request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'0110'B	
3	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
4	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
5	FMID	7.2.5.11.3	m		12 bits value	
6	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
7	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	

Table A.227: RCC - REP channel map request (Sending FT to PT)

Prerequisite: A.76/6						
Item	RCC - REP channel map request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'0110'B	
3	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
4	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
5	FMID	7.2.5.11.3	m		12 bits value	
6	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
7	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	

## A.8.4.10.7 RCC - REP channel map confirm

Table A.228: RCC - REP channel map confirm (Receiving PT to FT)

Prerequisite: A.75/7						
Item	RCC - REP channel map confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'0111'B	
3	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
4	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
5	A/R flag	7.2.5.11.4	m		'0'B, '1'B	
6	Spare	7.2.5.11.4	m		'000 1111 0000'B	
7	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
8	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	

Table A.229: RCC - REP channel map confirm (Sending FT to PT)

Prerequisite: A.76/7						
Item	RCC - REP channel map confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>T</sub> header	7.2.5.11	m		'1001'B	
2	Command	7.2.5.11	m		'0111'B	
3	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
4	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
5	A/R flag	7.2.5.11.4	m		'0'B, '1'B	
6	Spare	7.2.5.11.4	m		'000 1111 0000'B	
7	Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
8	Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	

## A.8.5 B - Field Messages

### A.8.5.1 B - Field - Advanced CC messages

#### A.8.5.1.1 B-field Advanced CC - Access request

**Table A.230: B-field Advanced CC - Access request (Receiving PT to FT)**

Prerequisite: A.79/1						
Item	B-field Advanced CC - Access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0000'B	
3	FMID	7.3.2.2	m		12 bits value	
4	PMID	7.3.2.2	m		20 bits value	
5	ECN	7.3.2.2	m		4 bits value	
6	LBN	7.3.2.2	m		4 bits value	
7	Connection type	7.3.2.2	m		'00'B .. '11'B	
8	Service type	7.3.2.2	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.2	m		3 bits value	
10	Slot type	7.3.2.2	m		'0000'B .. '0010'B	
11	Spare	7.3.2.2	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

**Table A.231: B-field Advanced CC - Access request (Sending FT to PT)**

Prerequisite: A.80/1						
Item	B-field Advanced CC - Access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0000'B	
3	FMID	7.3.2.2	m		12 bits value	
4	PMID	7.3.2.2	m		20 bits value	
5	ECN	7.3.2.2	m		4 bits value	
6	LBN	7.3.2.2	m		4 bits value	
7	Connection type	7.3.2.2	m		'00'B .. '11'B	
8	Service type	7.3.2.2	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.2	m		3 bits value	
10	Slot type	7.3.2.2	m		'0000'B .. '0010'B	
11	Spare	7.3.2.2	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

## A.8.5.1.2 B-field Advanced CC - Bearer handover request

**Table A.232: B-field Advanced CC - Bearer handover request (Receiving PT to FT)**

Prerequisite: A.79/2						
Item	B-field Advanced CC - Bearer handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0001'B	
3	FMID	7.3.2.2	m		12 bits value	
4	PMID	7.3.2.2	m		20 bits value	
5	ECN	7.3.2.2	m		4 bits value	
6	LBN	7.3.2.2	m		4 bits value	
7	Connection type	7.3.2.2	m		'00'B .. '11'B	
8	Service type	7.3.2.2	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.2	m		3 bits value	
10	Slot type	7.3.2.2	m		'0000'B .. '0010'B	
11	Spare	7.3.2.2	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

**Table A.233: B-field Advanced CC - Bearer handover request (Sending FT to PT)**

Prerequisite: A.80/2						
Item	B-field Advanced CC - Bearer handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0001'B	
3	FMID	7.3.2.2	m		12 bits value	
4	PMID	7.3.2.2	m		20 bits value	
5	ECN	7.3.2.2	m		4 bits value	
6	LBN	7.3.2.2	m		4 bits value	
7	Connection type	7.3.2.2	m		'00'B .. '11'B	
8	Service type	7.3.2.2	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.2	m		3 bits value	
10	Slot type	7.3.2.2	m		'0000'B .. '0010'B	
11	Spare	7.3.2.2	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

## A.8.5.1.3 B-field Advanced CC - Connection handover request

**Table A.234: B-field Advanced CC - Connection handover request (Receiving PT to FT)**

Prerequisite: A.79/3						
Item	B-field Advanced CC - Connection handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0010'B	
3	FMID	7.3.2.2	m		12 bits value	
4	PMID	7.3.2.2	m		20 bits value	
5	ECN	7.3.2.2	m		4 bits value	
6	LBN	7.3.2.2	m		4 bits value	
7	Connection type	7.3.2.2	m		'00'B .. '11'B	
8	Service type	7.3.2.2	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.2	m		3 bits value	
10	Slot type	7.3.2.2	m		'0000'B .. '0010'B	
11	Spare	7.3.2.2	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

**Table A.235: B-field Advanced CC - Connection handover request (Sending FT to PT)**

Prerequisite: A.80/3						
Item	B-field Advanced CC - Connection handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0010'B	
3	FMID	7.3.2.2	m		12 bits value	
4	PMID	7.3.2.2	m		20 bits value	
5	ECN	7.3.2.2	m		4 bits value	
6	LBN	7.3.2.2	m		4 bits value	
7	Connection type	7.3.2.2	m		'00'B .. '11'B	
8	Service type	7.3.2.2	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.2	m		3 bits value	
10	Slot type	7.3.2.2	m		'0000'B .. '0010'B	
11	Spare	7.3.2.2	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

## A.8.5.1.4 B-field Advanced CC - Unconfirmed access request

**Table A.236: B-field Advanced CC - Unconfirmed access request (Receiving PT to FT)**

Prerequisite: A.79/4						
Item	B-field Advanced CC - Unconfirmed access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0011'B	
3	FMID	7.3.2.2	m		12 bits value	
4	PMID	7.3.2.2	m		20 bits value	
5	ECN	7.3.2.2	m		4 bits value	
6	LBN	7.3.2.2	m		4 bits value	
7	Connection type	7.3.2.2	m		'00'B .. '11'B	
8	Service type	7.3.2.2	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.2	m		3 bits value	
10	Slot type	7.3.2.2	m		'0000'B .. '0010'B	
11	Spare	7.3.2.2	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

**Table A.237: B-field Advanced CC - Unconfirmed access request (Sending FT to PT)**

Prerequisite: A.80/4						
Item	B-field Advanced CC - Unconfirmed access request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0011'B	
3	FMID	7.3.2.2	m		12 bits value	
4	PMID	7.3.2.2	m		20 bits value	
5	ECN	7.3.2.2	m		4 bits value	
6	LBN	7.3.2.2	m		4 bits value	
7	Connection type	7.3.2.2	m		'00'B .. '11'B	
8	Service type	7.3.2.2	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.2	m		3 bits value	
10	Slot type	7.3.2.2	m		'0000'B .. '0010'B	
11	Spare	7.3.2.2	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

## A.8.5.1.5 B-field Advanced CC - Bearer confirm

**Table A.238: B-field Advanced CC - Bearer confirm (Receiving PT to FT)**

Prerequisite: A.79/5						
Item	B-field Advanced CC - Bearer confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0100'B	
3	FMID	7.3.2.3	m		12 bits value	
4	PMID	7.3.2.3	m		20 bits value	
5	ECN	7.3.2.3	m		4 bits value	
6	LBN	7.3.2.3	m		4 bits value	
7	Connection type	7.3.2.3	m		'00'B .. '11'B	
8	Service type	7.3.2.3	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.3	m		3 bits value	
10	Slot type	7.3.2.3	m		'0000'B .. '0010'B	
11	Spare	7.3.2.3	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

**Table A.239: B-field Advanced CC - Bearer confirm (Sending FT to PT)**

Prerequisite: A.80/5						
Item	B-field Advanced CC - Bearer confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0100'B	
3	FMID	7.3.2.3	m		12 bits value	
4	PMID	7.3.2.3	m		20 bits value	
5	ECN	7.3.2.3	m		4 bits value	
6	LBN	7.3.2.3	m		4 bits value	
7	Connection type	7.3.2.3	m		'00'B .. '11'B	
8	Service type	7.3.2.3	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.3	m		3 bits value	
10	Slot type	7.3.2.3	m		'0000'B .. '0010'B	
11	Spare	7.3.2.3	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

## A.8.5.1.6 B-field Advanced CC - Wait

**Table A.240: B-field Advanced CC - Wait (Receiving PT to FT)**

Prerequisite: A.79/6						
Item	B-field Advanced CC - Wait	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0101'B	
3	FMID	7.3.2.4	m		12 bits value	
4	PMID	7.3.2.4	m		20 bits value or '1111 0000 1111 0000 1111'B	
5	Spare	7.3.2.4	m		'0000 1111 0000 1111 0000 1111'B	

Table A.241: B-field Advanced CC - Wait (Sending FT to PT)

Prerequisite: A.80/6						
Item	B-field Advanced CC - Wait	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0101'B	
3	FMID	7.3.2.4	m		12 bits value	
4	PMID	7.3.2.4	m		20 bits value or '1111 0000 1111 0000 1111'B	
5	Spare	7.3.2.4	m		'0000 1111 0000 1111 0000 1111'B	

## A.8.5.1.7 B-field Advanced CC - Attributes\_B request

Table A.242: B-field Advanced CC - Attributes\_B request (Receiving PT to FT)

Prerequisite: A.79/7						
Item	B-field Advanced CC - Attributes_B request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0110'B	
3	FMID	7.3.2.5	m		12 bits value	
4	PMID	7.3.2.5	m		20 bits value	
5	Spare	7.3.2.5	m		'0000 1111'B	
6	Connection type	7.3.2.5	m		'00'B .. '11'B	
7	Service type	7.3.2.5	m		'000'B .. '101'B	
8	Maximum lifetime	7.3.2.5	m		3 bits value	
9	Slot type	7.3.2.5	m		'0000'B .. '0010'B	
10	A-field modulation type	7.3.2.5	m		'01'B .. '11'B	
11	(B+Z)-fields modulation type	7.3.2.5.	m		'01'B .. '11'B	

NOTE: To item 8: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

Table A.243: B-field Advanced CC - Attributes\_B request (Sending FT to PT)

Prerequisite: A.80/7						
Item	B-field Advanced CC - Attributes_B request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0110'B	
3	FMID	7.3.2.5	m		12 bits value	
4	PMID	7.3.2.5	m		20 bits value	
5	Spare	7.3.2.5	m		'0000 1111'B	
6	Connection type	7.3.2.5	m		'00'B .. '11'B	
7	Service type	7.3.2.5	m		'000'B .. '101'B	
8	Maximum lifetime	7.3.2.5	m		3 bits value	
9	Slot type	7.3.2.5	m		'0000'B .. '0010'B	
10	A-field modulation type	7.3.2.5	m		'01'B .. '11'B	
11	(B+Z)-fields modulation type	7.3.2.5.	m		'01'B .. '11'B	

NOTE: To item 8: Unless the service is Ip\_error\_correction, this parameter is set to '000'.



## A.8.5.1.8 B-field Advanced CC - Attributes\_B confirm

Table A.244: B-field Advanced CC - Attributes\_B confirm (Receiving PT to FT)

Prerequisite: A.79/8						
Item	B-field Advanced CC - Attributes_B confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0111'B	
3	FMID	7.3.2.5	m		12 bits value	
4	PMID	7.3.2.5	m		20 bits value	
5	Spare	7.3.2.5	m		'0000 1111'B	
6	Connection type	7.3.2.5	m		'00'B .. '11'B	
7	Service type	7.3.2.5	m		'000'B .. '101'B	
8	Maximum lifetime	7.3.2.5	m		3 bits value	
9	Slot type	7.3.2.5	m		'0000'B .. '0010'B	
10	A-field modulation type	7.3.2.5	m		'01'B .. '11'B	
11	(B+Z)-fields modulation type	7.3.2.5.	m		'01'B .. '11'B	

NOTE: To item 8: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

Table A.245: B-field Advanced CC - Attributes\_B confirm (Sending FT to PT)

Prerequisite: A.80/8						
Item	B-field Advanced CC - Attributes_B confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'0111'B	
3	FMID	7.3.2.5	m		12 bits value	
4	PMID	7.3.2.5	m		20 bits value	
5	Spare	7.3.2.5	m		'0000 1111'B	
6	Connection type	7.3.2.5	m		'00'B .. '11'B	
7	Service type	7.3.2.5	m		'000'B .. '101'B	
8	Maximum lifetime	7.3.2.5	m		3 bits value	
9	Slot type	7.3.2.5	m		'0000'B .. '0010'B	
10	A-field modulation type	7.3.2.5	m		'01'B .. '11'B	
11	(B+Z)-fields modulation type	7.3.2.5.	m		'01'B .. '11'B	

NOTE: To item 8: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

## A.8.5.1.9 B-field Advanced CC - Bandwidth\_B request

Table A.246: B-field Advanced CC - Bandwidth\_B request (Receiving PT to FT)

Prerequisite: A.79/9						
Item	B-field Advanced CC - Bandwidth_B request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1000'B	
3	FMID	7.3.2.6	m		12 bits value	
4	Spare1	7.3.2.6	m		'1111 0000 1111'B	
5	Spare2	7.3.2.6	m		'000'B	
6	Minimum no. of uplink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
7	Spare3	7.3.2.6	m		'000'B	
8	Taget no. of uplink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
9	Spare4	7.3.2.6	m		'000'B	
10	Minimum no. of downlink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
11	Spare5	7.3.2.6	m		'000'B	
12	Taget no. of downlink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	

Table A.247: B-field Advanced CC - Bandwidth\_B request (Sending FT to PT)

Prerequisite: A.80/9						
Item	B-field Advanced CC - Bandwidth_B request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1000'B	
3	FMID	7.3.2.6	m		12 bits value	
4	Spare1	7.3.2.6	m		'1111 0000 1111'B	
5	Spare2	7.3.2.6	m		'000'B	
6	Minimum no. of uplink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
7	Spare3	7.3.2.6	m		'000'B	
8	Taget no. of uplink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
9	Spare4	7.3.2.6	m		'000'B	
10	Minimum no. of downlink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
11	Spare5	7.3.2.6	m		'000'B	
12	Taget no. of downlink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	

## A.8.5.1.10 B-field Advanced CC - Bandwidth\_B confirm

Table A.248: B-field Advanced CC - Bandwidth\_B confirm (Receiving PT to FT)

Prerequisite: A.79/10						
Item	B-field Advanced CC - Bandwidth_B confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1001'B	
3	FMID	7.3.2.6	m		12 bits value	
4	Spare1	7.3.2.6	m		'1111 0000 1111'B	
5	Spare2	7.3.2.6	m		'000'B	
6	Minimum no. of uplink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
7	Spare3	7.3.2.6	m		'000'B	
8	Target no. of uplink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
9	Spare4	7.3.2.6	m		'000'B	
10	Minimum no. of downlink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
11	Spare5	7.3.2.6	m		'000'B	
12	Target no. of downlink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	

Table A.249: B-field Advanced CC - Bandwidth\_B confirm (Sending FT to PT)

Prerequisite: A.80/10						
Item	B-field Advanced CC - Bandwidth_B confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1001'B	
3	FMID	7.3.2.6	m		12 bits value	
4	Spare1	7.3.2.6	m		'1111 0000 1111'B	
5	Spare2	7.3.2.6	m		'000'B	
6	Minimum no. of uplink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
7	Spare3	7.3.2.6	m		'000'B	
8	Target no. of uplink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
9	Spare4	7.3.2.6	m		'000'B	
10	Minimum no. of downlink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	
11	Spare5	7.3.2.6	m		'000'B	
12	Target no. of downlink simplex bearers	7.3.2.6	m		'00000'B .. '11110'B	

## A.8.5.1.11 B-field Advanced CC - Channel List

Table A.250: B-field Advanced CC - Channel List (Receiving PT to FT)

Prerequisite: A.79/11						
Item	B-field Advanced CC - Channel List	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1010'B	
3	RPN	7.3.2.7	m		8 bits value	
4	1st: Command	7.2.5.3.10	m		'000'B .. '111'B	
5	1st: S/D-flag	7.2.5.3.10	m		'0'B, '1'B	
6	1st: Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
7	1st: Start position	7.2.3.2.4	m		'00'B, '10'B	
8	1st: Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
9	2nd: Command	7.2.5.3.10	m		'000'B .. '111'B	
10	2nd: S/D-flag	7.2.5.3.10	m		'0'B, '1'B	
11	2nd: Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
12	2nd: Start position	7.2.3.2.4	m		'00'B, '10'B	
13	2nd: Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
14	3rd: Command	7.2.5.3.10	m		'000'B .. '111'B	
15	3rd: S/D-flag	7.2.5.3.10	m		'0'B, '1'B	
16	3rd: Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
17	3rd: Start position	7.2.3.2.4	m		'00'B, '10'B	
18	3rd: Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	

Table A.251: B-field Advanced CC - Channel List (Sending FT to PT)

Prerequisite: A.80/11						
Item	B-field Advanced CC - Channel List	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1010'B	
3	RPN	7.3.2.7	m		8 bits value	
4	1st: Command	7.2.5.3.10	m		'000'B .. '111'B	
5	1st: S/D-flag	7.2.5.3.10	m		'0'B, '1'B	
6	1st: Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
7	1st: Start position	7.2.3.2.4	m		'00'B, '10'B	
8	1st: Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
9	2nd: Command	7.2.5.3.10	m		'000'B .. '111'B	
10	2nd: S/D-flag	7.2.5.3.10	m		'0'B, '1'B	
11	2nd: Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
12	2nd: Start position	7.2.3.2.4	m		'00'B, '10'B	
13	2nd: Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	
14	3rd: Command	7.2.5.3.10	m		'000'B .. '111'B	
15	3rd: S/D-flag	7.2.5.3.10	m		'0'B, '1'B	
16	3rd: Slot number	7.2.3.2.3	m		'0000'B .. '1011'B	
17	3rd: Start position	7.2.3.2.4	m		'00'B, '10'B	
18	3rd: Carrier number	7.2.3.2.10	m		'000000'B .. '100000'B	

## A.8.5.1.12 B-field Advanced CC - Unconfirmed\_Dummy

Table A.252: B-field Advanced CC - Unconfirmed\_Dummy (Receiving PT to FT)

Prerequisite: A.79/12						
Item	B-field Advanced CC - Unconfirmed_Dummy	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1011'B	
3	FMID	7.3.2.8	m		12 bits value	
4	PMID	7.3.2.8	m		20 bits value	
5	ECN	7.3.2.8	m		4 bits value	
6	Spare1	7.3.2.8	m		'1111'B	
7	Connection type	7.3.2.8	m		'00'B .. '11'B	
8	Service type	7.3.2.8	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.8	m		3 bits value	
10	Slot type	7.3.2.8	m		'0000'B .. '0010'B	
11	Spare2	7.3.2.8	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

Table A.253: B-field Advanced CC - Unconfirmed\_Dummy (Sending FT to PT)

Prerequisite: A.80/12						
Item	B-field Advanced CC - Unconfirmed_Dummy	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1011'B	
3	FMID	7.3.2.8	m		12 bits value	
4	PMID	7.3.2.8	m		20 bits value	
5	ECN	7.3.2.8	m		4 bits value	
6	Spare1	7.3.2.8	m		'1111'B	
7	Connection type	7.3.2.8	m		'00'B .. '11'B	
8	Service type	7.3.2.8	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.8	m		3 bits value	
10	Slot type	7.3.2.8	m		'0000'B .. '0010'B	
11	Spare2	7.3.2.8	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

## A.8.5.1.13 B-field Advanced CC - Unconfirmed\_Handover

Table A.254: B-field Advanced CC - Unconfirmed\_Handover (Receiving PT to FT)

Prerequisite: A.79/13						
Item	B-field Advanced CC - Unconfirmed_Handover	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1100'B	
3	FMID	7.3.2.9	m		12 bits value	
4	PMID	7.3.2.9	m		20 bits value	
5	ECN	7.3.2.9	m		4 bits value	
6	LBN	7.3.2.9	m		4 bits value	
7	Connection type	7.3.2.9	m		'00'B .. '11'B	
8	Service type	7.3.2.9	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.9	m		3 bits value	
10	Slot type	7.3.2.9	m		'0000'B .. '0010'B	
11	Spare	7.3.2.9	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

**Table A.255: B-field Advanced CC - Unconfirmed\_Handover (Sending FT to PT)**

Prerequisite: A.80/13						
Item	B-field Advanced CC - Unconfirmed_Handover	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1100'B	
3	FMID	7.3.2.9	m		12 bits value	
4	PMID	7.3.2.9	m		20 bits value	
5	ECN	7.3.2.9	m		4 bits value	
6	LBN	7.3.2.9	m		4 bits value	
7	Connection type	7.3.2.9	m		'00'B .. '11'B	
8	Service type	7.3.2.9	m		'000'B .. '101'B	
9	Maximum lifetime	7.3.2.9	m		3 bits value	
10	Slot type	7.3.2.9	m		'0000'B .. '0010'B	
11	Spare	7.3.2.9	m		'1111'B	

NOTE: To item 9: Unless the service is Ip\_error\_correction, this parameter is set to '000'.

## A.8.5.1.14 B-field Advanced CC - Release

**Table A.256: B-field Advanced CC - Release (Receiving PT to FT)**

Prerequisite: A.79/14						
Item	B-field Advanced CC - Release	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1111'B	
3	FMID	7.3.2.10	m		12 bits value	
4	PMID	7.3.2.10	m		20 bits value	
5	Spare1	7.3.2.10	m		'0000'B	
6	LBN	7.3.2.10	m		4 bits value	
7	Spare2	7.3.2.10	m		'0000 1111'B	
8	Reason	7.3.2.10	m		'0000 0000'B .. '0000 1111'B	

**Table A.257: B-field Advanced CC - Release (Sending FT to PT)**

Prerequisite: A.80/14						
Item	B-field Advanced CC - Release	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X001'B	
2	Command	7.3.2.1	m		'1111'B	
3	FMID	7.3.2.10	m		12 bits value	
4	PMID	7.3.2.10	m		20 bits value	
5	Spare1	7.3.2.10	m		'0000'B	
6	LBN	7.3.2.10	m		4 bits value	
7	Spare2	7.3.2.10	m		'0000 1111'B	
8	Reason	7.3.2.10	m		'0000 0000'B .. '0000 1111'B	

## A.8.5.2 B-field - Null Messages (NM)

### A.8.5.2.1 B-field - NM No C<sub>F</sub> or CL<sub>F</sub> data in the B-field

**Table A.258: B-field - NM No C<sub>F</sub> or CL<sub>F</sub> data in the B-field (Receiving PT to FT)**

Prerequisite: A.81/1						
Item	B-field - NM No C <sub>F</sub> or CL <sub>F</sub> data in the B-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0000'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

**Table A.259: B-field - NM No C<sub>F</sub> or CL<sub>F</sub> data in the B-field (Sending FT to PT)**

Prerequisite: A.82/1						
Item	B-field - NM No C <sub>F</sub> or CL <sub>F</sub> data in the B-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0000'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

### A.8.5.2.2 B-field - NM One B-subfield contains C<sub>F</sub> or CL<sub>F</sub> data

**Table A.260: B-field - NM One B-subfield contains C<sub>F</sub> or CL<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.81/2						
Item	B-field - NM One B-subfield contains C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0001'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

**Table A.261: B-field - NM One B-subfield contains C<sub>F</sub> or CL<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.82/2						
Item	B-field - NM One B-subfield contains C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0001'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

A.8.5.2.3 B-field - NM Two B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data**Table A.262: B-field - NM Two B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.81/3						
Item	B-field - NM Two B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0010'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

**Table A.263: B-field - NM Two B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.82/3						
Item	B-field - NM Two B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0010'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	



A.8.5.2.4 B-field - NM Three B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data**Table A.264: B-field - NM Three B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.81/4						
Item	B-field - NM Three B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0011'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

**Table A.265: B-field - NM Three B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.82/4						
Item	B-field - NM Three B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0011'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

A.8.5.2.5 B-field - NM Four B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data**Table A.266: B-field - NM Four B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.81/5						
Item	B-field - NM Four B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0100'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

**Table A.267: B-field - NM Four B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.82/5						
Item	B-field - NM Four B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0100'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

A.8.5.2.6 B-field - NM Five B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data**Table A.268: B-field - NM Five B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.81/6						
Item	B-field - NM Five B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0101'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

**Table A.269: B-field - NM Five B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.82/6						
Item	B-field - NM Five B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0101'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

A.8.5.2.7 B-field - NM Six B-subfields contain C<sub>F</sub> or CL<sub>F</sub> dataTable A.270: B-field - NM Six B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Receiving PT to FT)

Prerequisite: A.81/7						
Item	B-field - NM Six B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0110'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

Table A.271: B-field - NM Six B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Sending FT to PT)

Prerequisite: A.82/7						
Item	B-field - NM Six B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0110'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

A.8.5.2.8 B-field - NM Seven B-subfields contain C<sub>F</sub> or CL<sub>F</sub> dataTable A.272: B-field - NM Seven B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Receiving PT to FT)

Prerequisite: A.81/8						
Item	B-field - NM Seven B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0111'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

**Table A.273: B-field - NM Seven B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.82/8						
Item	B-field - NM Seven B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'0111'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

A.8.5.2.9 B-field - NM Eight B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data**Table A.274: B-field - NM Eight B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.81/9						
Item	B-field - NM Eight B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'1000'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

**Table A.275: B-field - NM Eight B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.82/9						
Item	B-field - NM Eight B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'1000'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

A.8.5.2.10 B-field - NM Nine B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data**Table A.276: B-field - NM Nine B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.81/10						
Item	B-field - NM Nine B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'1001'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

**Table A.277: B-field - NM Nine B-subfields contain C<sub>F</sub> or CL<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.82/10						
Item	B-field - NM Nine B-subfields contain C <sub>F</sub> or CL <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X010'B	
2	NCF	7.3.3	m		'1001'B	
3	Spare1	7.3.3	m		'0000 1111 0000 1111'B	
4	Spare2	7.3.3	m		'0000 1111 0000 1111'B	
5	Spare3	7.3.3	m		'0000 1111 0000 1111'B	
6	Spare4	7.3.3	m		'0000 1111'B	

## A.8.5.3 B - Field - Quality control (QC) messages

## A.8.5.3.1 B - Field QC - Antenna switch single bearer request / reject

**Table A.278: B-field QC - Antenna switch single bearer request (Receiving PT to FT)**

Prerequisite: A.83/1						
Item	B-field QC - Antenna switch single bearer request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0000'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	Spare0	7.3.4.2	m		'0000'B	
6	LBN	7.3.4.2	m		4 bits value	
7	Param_2	7.3.4.2	m		'0000 1111'B	
8	Spare1	7.3.4.2	m		'0000 1111'B	

**Table A.279: B-field QC - Antenna switch single bearer reject (Sending FT to PT)**

Prerequisite: A.84/1						
Item	B-field QC - Antenna switch single bearer reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0000'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	Spare0	7.3.4.2	m		'0000'B	
6	LBN	7.3.4.2	m		4 bits value	
7	Param_2	7.3.4.2	m		'0000 1111'B	
8	Spare1	7.3.4.2	m		'0000 1111'B	

## A.8.5.3.2 B - Field QC - Antenna switch all bearers request / reject

**Table A.280: B-field QC - Antenna switch all bearers request (Receiving PT to FT)**

Prerequisite: A.83/2						
Item	B-field QC - Antenna switch all bearers request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0001'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	RPN	7.3.4.2	m		8 bits value	
6	Param_2	7.3.4.2	m		'0000 1111'B	
7	Spare1	7.3.4.2	m		'0000 1111'B	

**Table A.281: B-field QC - Antenna switch all bearers reject (Sending FT to PT)**

Prerequisite: A.84/2						
Item	B-field QC - Antenna switch all bearers reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0001'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	RPN	7.3.4.2	m		8 bits value	
6	Param_2	7.3.4.2	m		'0000 1111'B	
7	Spare1	7.3.4.2	m		'0000 1111'B	

## A.8.5.3.3 B - Field QC - Bearer handover reject / request

Table A.282: B-field QC - Bearer handover reject (Receiving PT to FT)

Prerequisite: A.83/3						
Item	B-field QC - Bearer handover reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0010'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	Spare0	7.3.4.2	m		'0000'B	
6	LBN	7.3.4.2	m		4 bits value	
7	RPN	7.3.4.2	m		8 bits value or '0000 0000'B	
8	Spare1	7.3.4.2	m		'0000 1111'B	

Table A.283: B-field QC - Bearer handover request (Sending FT to PT)

Prerequisite: A.84/3						
Item	B-field QC - Bearer handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0010'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	Spare0	7.3.4.2	m		'0000'B	
6	LBN	7.3.4.2	m		4 bits value	
7	RPN	7.3.4.2	m		8 bits value or '0000 0000'B	
8	Spare1	7.3.4.2	m		'0000 1111'B	

## A.8.5.3.4 B - Field QC - Connection handover reject / request

Table A.284: B - Field QC - Connection handover reject (Receiving PT to FT)

Prerequisite: A.83/4						
Item	B - Field QC - Connection handover reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0011'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	Param_1	7.3.4.2	m		'0000 1111'B	
6	Param_2	7.3.4.2	m		'0000 1111'B	
7	Spare1	7.3.4.2	m		'0000 1111'B	

**Table A.285: B - Field QC - Connection handover request (Sending FT to PT)**

Prerequisite: A.84/4						
Item	B - Field QC - Connection handover request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0011'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	Param_1	7.3.4.2	m		'0000 1111'B	
6	Param_2	7.3.4.2	m		'0000 1111'B	
7	Spare1	7.3.4.2	m		'0000 1111'B	

## A.8.5.3.5 B - Field QC - Frequency control single bearer reject / request

**Table A.286: B-field QC - Frequency control single bearer reject (Receiving PT to FT)**

Prerequisite: A.83/5						
Item	B-field QC - Frequency control single bearer reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0100'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	Spare0	7.3.4.2	m		'0000'B	
6	LBN	7.3.4.2	m		4 bits value	
7	Frequency error	7.3.4.2	m		8 bits signed value	
8	Spare1	7.3.4.2	m		'0000 1111'B	

**Table A.287: B-field QC - Frequency control single bearer request (Sending FT to PT)**

Prerequisite: A.84/5						
Item	B-field QC - Frequency control single bearer request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0100'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	Spare0	7.3.4.2	m		'0000'B	
6	LBN	7.3.4.2	m		4 bits value	
7	Frequency error	7.3.4.2	m		8 bits signed value	
8	Spare1	7.3.4.2	m		'0000 1111'B	



## A.8.5.3.6 B - Field QC - Frequency control all bearers reject / request

**Table A.288: B-field QC - Frequency control all bearers reject (Receiving PT to FT)**

Prerequisite: A.83/6						
Item	B-field QC - Frequency control all bearers reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0101'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	RPN	7.3.4.2	m		8 bits value	
6	Frequency error	7.3.4.2	m		8 bits signed value	
7	Spare	7.3.4.2	m		'0000 1111'B	

**Table A.289: B-field QC - Frequency control all bearers request (Sending FT to PT)**

Prerequisite: A.84/6						
Item	B-field QC - Frequency control all bearers request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0101'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	RPN	7.3.4.2	m		8 bits value	
6	Frequency error	7.3.4.2	m		8 bits signed value	
7	Spare	7.3.4.2	m		'0000 1111'B	

## A.8.5.3.7 B - Field QC - Advance timing all bearers reject / request

**Table A.290: B-field QC - Advance timing all bearers reject (Receiving PT to FT)**

Prerequisite: A.83/7						
Item	B-field QC - Advance timing all bearers reject	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0110'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	RPN	7.3.4.2	m		8 bits value	
6	Advance timing	7.3.4.2	m		8 bits signed value	
7	Spare1	7.3.4.2	m		'0000 1111'B	

**Table A.291: B-field QC - Advance timing all bearers request (Sending FT to PT)**

Prerequisite: A.84/7						
Item	B-field QC - Advance timing all bearers request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0110'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	RPN	7.3.4.2	m		8 bits value	
6	Advance timing	7.3.4.2	m		8 bits signed value	
7	Spare1	7.3.4.2	m		'0000 1111'B	

## A.8.5.3.8 B-field QC - Send prolonged preamble request

Table A.292: B-field QC - Send prolonged preamble request (Receiving PT to FT)

Prerequisite: A.83/8						
Item	B-field QC - Send prolonged preamble request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0111'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	RPN	7.3.4.2	m		8 bits value	
6	Param_2	7.3.4.2	m		'0000 0000'B	
7	Spare1	7.3.4.2	m		'0000 1111'B	

Table A.293: B-field QC - Send prolonged preamble request (Sending FT to PT)

Prerequisite: A.84/8						
Item	B-field QC - Send prolonged preamble request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0111'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	RPN	7.3.4.2	m		8 bits value	
6	Param_2	7.3.4.2	m		'0000 1111'B	
7	Spare1	7.3.4.2	m		'0000 1111'B	

## A.8.5.3.9 B-field QC - Transmit prolonged preamble confirm

Table A.294: B-field QC - Transmit prolonged preamble confirm (Receiving PT to FT)

Prerequisite: A.83/9						
Item	B-field QC - Transmit prolonged preamble confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0111'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	RPN	7.3.4.2	m		8 bits value	
6	Param_2	7.3.4.2	m		'0000 1111'B	
7	Spare1	7.3.4.2	m		'0000 1111'B	

Table A.295: B-field QC - Transmit prolonged preamble confirm (Sending FT to PT)

Prerequisite: A.84/9						
Item	B-field QC - Transmit prolonged preamble confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'0111'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	RPN	7.3.4.2	m		8 bits value	
6	Param_2	7.3.4.2	m		'0000 0000'B	
7	Spare1	7.3.4.2	m		'0000 1111'B	

## A.8.5.3.10 B-field QC - Frequency replacement request / confirm

**Table A.296: B-field QC - Frequency replacement request (Receiving PT to FT)**

Prerequisite: A.83/10						
Item	B-field QC - Frequency replacement request	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'1000'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	First half param_1	7.3.4.2	m		'0000'B	
6	Second half param_1 (slot number)	7.3.4.2	m		'0000'B .. '1011'B	
7	Spare0a	7.3.4.2	m		'0000'B	
8	Carrier number	7.3.4.2	m		'000000'B .. '100000'B	
9	Spare1	7.3.4.2	m		'0000 1111'B	

**Table A.297: B-field QC - Frequency replacement confirm (Sending FT to PT)**

Prerequisite: A.84/10						
Item	B-field QC - Frequency replacement confirm	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'1000'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	First half param_1	7.3.4.2	m		'0000'B	
6	Second half param_1 (slot number)	7.3.4.2	m		'0000'B .. '1011'B	
7	Spare0a	7.3.4.2	m		'0000'B	
8	Carrier number	7.3.4.2	m		'000000'B .. '100000'B	
9	Spare1	7.3.4.2	m		'0000 1111'B	

## A.8.5.3.11 B-field QC - Frequency replacement grant

Table A.298: B-field QC - Frequency replacement grant (Receiving PT to FT)

Prerequisite: A.83/11						
Item	B-field QC - Frequency replacement grant	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.2	m		'1000'B	
3	FMID	7.3.4.2	m		12 bits value	
4	PMID	7.3.4.2	m		20 bits value	
5	First half param_1	7.3.4.2	m		'0001'B	
6	Second half param_1 (slot number)	7.3.4.2	m		'0000'B .. '1011'B	
7	Spare0a	7.3.4.2	m		'0000'B	
8	Carrier number	7.3.4.2	m		'000000'B .. '100000'B	
9	Spare1	7.3.4.2	m		'0000 1111'B	

## A.8.5.3.12 B - Field QC - Reset request first TDMA half frame

Table A.299: B - Field QC - Reset request first TDMA half frame (Receiving PT to FT)

Prerequisite: A.83/12						
Item	B - Field QC - Reset request first TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0001'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

Table A.300: B - Field QC - Reset request first TDMA half frame (Sending FT to PT)

Prerequisite: A.84/11						
Item	B - Field QC - Reset request first TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0001'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

## A.8.5.3.13 B - Field QC - Reset request second TDMA half frame

Table A.301: B - Field QC - Reset request second TDMA half frame (Receiving PT to FT)

Prerequisite: A.83/13						
Item	B - Field QC - Reset request second TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0010'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

Table A.302: B - Field QC - Reset request second TDMA half frame (Sending FT to PT)

Prerequisite: A.84/12						
Item	B - Field QC - Reset request second TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0010'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

## A.8.5.3.14 B - Field QC - Reset request both TDMA half frames

Table A.303: B - Field QC - Reset request both TDMA half frame (Receiving PT to FT)

Prerequisite: A.83/14						
Item	B - Field QC - Reset request both TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0011'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

**Table A.304: B - Field QC - Reset request both TDMA half frame (Sending FT to PT)**

Prerequisite: A.84/13						
Item	B - Field QC - Reset request both TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0011'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

## A.8.5.3.15 B - Field QC - Reset confirm first TDMA half frame

**Table A.305: B - Field QC - Reset confirm first TDMA half frame (Receiving PT to FT)**

Prerequisite: A.83/15						
Item	B - Field QC - Reset confirm first TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0101'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

**Table A.306: B - Field QC - Reset confirm first TDMA half frame (Sending FT to PT)**

Prerequisite: A.84/14						
Item	B - Field QC - Reset confirm first TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0101'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

## A.8.5.3.16 B - Field QC - Reset confirm second TDMA half frame

**Table A.307: B - Field QC - Resetconfirm second TDMA half frame (Receiving PT to FT)**

Prerequisite: A.83/16						
Item	B - Field QC - Reset confirm second TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0110'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

**Table A.308: B - Field QC - Resetconfirm second TDMA half frame (Sending FT to PT)**

Prerequisite: A.84/15						
Item	B - Field QC - Reset confirm second TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0110'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

## A.8.5.3.17 B - Field QC - Reset confirm both TDMA half frames

**Table A.309: B - Field QC - Reset confirm both TDMA half frame (Receiving PT to FT)**

Prerequisite: A.83/17						
Item	B - Field QC - Reset confirm both TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0111'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

**Table A.310: B - Field QC - Reset confirm both TDMA half frame (Sending FT to PT)**

Prerequisite: A.84/16						
Item	B - Field QC - Reset confirm both TDMA half frame	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1110'B	
3	FMID	7.3.4.3	m		12 bits value	
4	PMID	7.3.4.3	m		20 bits value	
5	Control	7.3.4.3	m		'0111'B	
6	LBN	7.3.4.3	m		4 bits value	
7	Spare1	7.3.4.3	m		'0000 1111'B	
8	Spare2	7.3.4.3	m		'0000 1111'B	

## A.8.5.3.18 B - Field QC - MOD2 ACK

**Table A.311: B - Field QC - MOD2 ACK (Receiving PT to FT)**

Prerequisite: A.83/18						
Item	B - Field QC - MOD2 ACK	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1111'B	
3	First half of TDMA frame - LBN1 to LBN14 Q1/BCK and Q2/ACK	7.3.4.4	m		28 bits value	
4	Second half of TDMA frame - LBN1 to LBN14 Q1/BCK and Q2/ACK	7.3.4.4	m		28 bits value	

**Table A.312: B - Field QC - MOD2 ACK (Sending FT to PT)**

Prerequisite: A.84/17						
Item	B - Field QC - MOD2 ACK	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X011'B	
2	Command	7.3.4.1	m		'1111'B	
3	First half of TDMA frame - LBN1 to LBN14 Q1/BCK and Q2/ACK	7.3.4.4	m		28 bits value	
4	Second half of TDMA frame - LBN1 to LBN14 Q1/BCK and Q2/ACK	7.3.4.4	m		28 bits value	



## A.8.5.4 B - Field - Extended system information (ES) messages

### A.8.5.4.1 B - Field - ES TARI message

**Table A.313: B - Field - ES TARI message (Receiving PT to FT)**

Prerequisite: A.77/4						
Item	B - Field - ES TARI messagea	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X100'B	
2	Command	7.3.5.1	m		'0000'B	
3	TARI field	7.3.5.2	m		36 bits value	
4	Spare1	7.3.5.2	m		'1111'B	
5	Spare2	7.3.5.2	m		'0000 1111 0000 1111'B	

**Table A.314: B - Field - ES TARI message (Sending FT to PT)**

Prerequisite: A.78/4						
Item	B - Field - ES TARI messagea	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X100'B	
2	Command	7.3.5.1	m		'0000'B	
3	TARI field	7.3.5.2	m		36 bits value	
4	Spare1	7.3.5.2	m		'1111'B	
5	Spare2	7.3.5.2	m		'0000 1111 0000 1111'B	

## A.8.5.5 B - Field - G<sub>F</sub>-channel data packet messages

### A.8.5.5.1 B - Field - G<sub>F</sub>-No C<sub>F</sub> data in the B-field

**Table A.315: B - Field - G<sub>F</sub>-No C<sub>F</sub> data in the B-field (Receiving PT to FT)**

Prerequisite: A.85/1						
Item	B - Field - G <sub>F</sub> -No C <sub>F</sub> data in the B-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0000'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

**Table A.316: B - Field - G<sub>F</sub>-No C<sub>F</sub> data in the B-field (Sending FT to PT)**

Prerequisite: A.86/1						
Item	B - Field - G <sub>F</sub> -No C <sub>F</sub> data in the B-field	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0000'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

A.8.5.5.2 B - Field - G<sub>F</sub>-One B-subfield contains C<sub>F</sub> dataTable A.317: B - Field - G<sub>F</sub>-One B-subfield contains C<sub>F</sub> data (Receiving PT to FT)

Prerequisite: A.85/2						
Item	B - Field - G <sub>F</sub> -One B-subfield contains C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0001'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

Table A.318: B - Field - G<sub>F</sub>-One B-subfield contains C<sub>F</sub> data (Sending FT to PT)

Prerequisite: A.86/2						
Item	B - Field - G <sub>F</sub> -One B-subfield contains C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0001'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

A.8.5.5.3 B - Field - G<sub>F</sub>-Two B-subfields contain C<sub>F</sub> dataTable A.319: B - Field - G<sub>F</sub>-Two B-subfields contain C<sub>F</sub> data (Receiving PT to FT)

Prerequisite: A.85/3						
Item	B - Field - G <sub>F</sub> -Two B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0010'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

Table A.320: B - Field - G<sub>F</sub>-Two B-subfields contain C<sub>F</sub> data (Sending FT to PT)

Prerequisite: A.86/3						
Item	B - Field - G <sub>F</sub> -Two B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0010'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

A.8.5.5.4 B - Field - G<sub>F</sub>-Three B-subfields contain C<sub>F</sub> dataTable A.321: B - Field - G<sub>F</sub>-Three B-subfields contain C<sub>F</sub> data (Receiving PT to FT)

Prerequisite: A.85/4						
Item	B - Field - G <sub>F</sub> -Three B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0011'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

**Table A.322: B - Field - G<sub>F</sub>-Three B-subfields contain C<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.86/4						
Item	B - Field - G <sub>F</sub> -Three B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0011'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

A.8.5.5.5 B - Field - G<sub>F</sub>-Four B-subfields contain C<sub>F</sub> data**Table A.323: B - Field - G<sub>F</sub>-Four B-subfields contain C<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.85/5						
Item	B - Field - G <sub>F</sub> -Four B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0100'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

**Table A.324: B - Field - G<sub>F</sub>-Four B-subfields contain C<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.86/5						
Item	B - Field - G <sub>F</sub> -Four B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0100'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

A.8.5.5.6 B - Field - G<sub>F</sub>-Five B-subfields contain C<sub>F</sub> data**Table A.325: B - Field - G<sub>F</sub>-Five B-subfields contain C<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.85/6						
Item	B - Field - G <sub>F</sub> -Five B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0101'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

**Table A.326: B - Field - G<sub>F</sub>-Five B-subfields contain C<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.86/6						
Item	B - Field - G <sub>F</sub> -Five B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0101'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

A.8.5.5.7 B - Field - G<sub>F</sub>-Six B-subfields contain C<sub>F</sub> data**Table A.327: B - Field - G<sub>F</sub>-Six B-subfields contain C<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.85/7						
Item	B - Field - GF-Six B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0110'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

**Table A.328: B - Field - G<sub>F</sub>-Six B-subfields contain C<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.86/7						
Item	B - Field - GF-Six B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0110'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

A.8.5.5.8 B - Field - G<sub>F</sub>-Seven B-subfields contain C<sub>F</sub> data**Table A.329: B - Field - G<sub>F</sub>-Seven B-subfields contain C<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.85/8						
Item	B - Field - GF-Seven B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0111'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

**Table A.330: B - Field - G<sub>F</sub>-Seven B-subfields contain C<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.86/8						
Item	B - Field - GF-Seven B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'0111'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

A.8.5.5.9 B - Field - G<sub>F</sub>-Eight B-subfields contain C<sub>F</sub> data**Table A.331: B - Field - G<sub>F</sub>-Eight B-subfields contain C<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.85/9						
Item	B - Field - GF-Eight B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'1000'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

**Table A.332: B - Field - G<sub>F</sub>-Eight B-subfields contain C<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.86/9						
Item	B - Field - G <sub>F</sub> -Eight B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'1000'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

A.8.5.5.10 B - Field - G<sub>F</sub>-Nine B-subfields contain C<sub>F</sub> data**Table A.333: B - Field - G<sub>F</sub>-Nine B-subfields contain C<sub>F</sub> data (Receiving PT to FT)**

Prerequisite: A.85/10						
Item	B - Field - G <sub>F</sub> -Nine B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'1001'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

**Table A.334: B - Field - G<sub>F</sub>-Nine B-subfields contain C<sub>F</sub> data (Sending FT to PT)**

Prerequisite: A.86/10						
Item	B - Field - G <sub>F</sub> -Nine B-subfields contain C <sub>F</sub> data	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X101'B	
2	NCF	7.3.6	m		'1001'B	
3	G <sub>F</sub> channel SDU	7.3.6	m		56 bits value	

## A.8.5.6 B - Field - Escape message

**Table A.335: B - Field - Escape (Receiving PT to FT)**

Prerequisite: A.77/6						
Item	B - Field - Escape	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X111'B	
2	Escape information	7.3.7	m		60 bits value	

**Table A.336: B - Field - Escape (Sending FT to PT)**

Prerequisite: A.78/6						
Item	B - Field - Escape	Ref.	Status	Supp.	Value Allowed	Value Supported
1	M <sub>Bn</sub> header	7.3.1	m		'X111'B	
2	Escape information	7.3.7	m		60 bits value	

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## 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 300 175-4: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) 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: "Methods for Testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".

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## History

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