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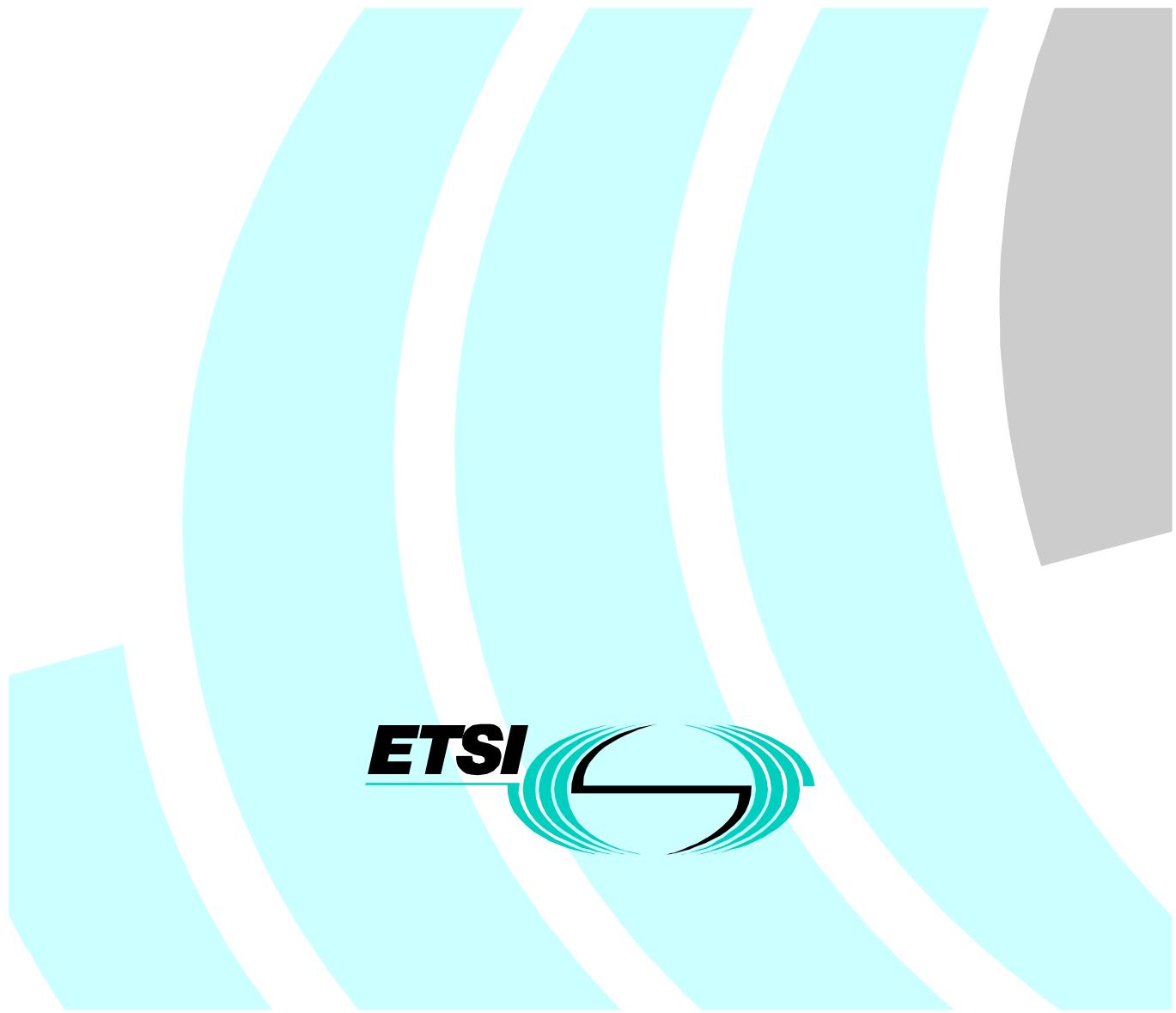
Technical Specification

**Digital Enhanced Cordless Telecommunications (DECT);
Low Rate Messaging Service (LRMS)
including Short Message Service (SMS);
Profile requirement list and profile specific
Implementation Conformance Statement (ICS) proforma;
Part 1: Portable radio Termination (PT)**

ETSI

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Foreword

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

The present document is part 1 of a multi-part deliverable covering the Low Rate Messaging Service (LRMS) including Short Message Service (SMS) requirement list and profile-specific Implementation Conformance Statement (ICS) proforma, as identified below:

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

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

Annex A contains the requirement lists for the PT Low Rate Messaging Service (LRMS).

Annex B contains the profile-specific ICS proforma for the PT Low Rate Messaging Service (LRMS).

Annex C contains the requirement lists for the PT Short Message Service (SMS).

Annex D contains the profile-specific ICS proforma for the PT Short Message Service (SMS).

1   Scope

The present document provides the profile requirement list and profile-specific Implementation Conformance Statement (profile ICS) proforma for the Digital Enhanced Cordless Telecommunications (DECT) Low Rate Messaging Service (LRMS) including Short Message Service (SMS) at the Portable radio Termination (PT) as defined in EN 300 757 [1] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [11].

The supplier of an implementation which is claimed to conform to EN 300 757 [1] is required:

- in the case of Low Rate Messaging Service (LRMS) to:

    - complete a copy of the Protocol Implementation Conformance Statement (PICS) proforma EN 300 476, parts 1 [5], 2 [6], 3 [7] and 7 [8] and with the replacements from the annex A of the present document;

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

- in the case of Short Message Service (SMS) to:

    - complete a copy of the Protocol Implementation Conformance Statement (PICS) proforma EN 300 476, parts 1 [5], 2 [6], 3 [7] and 7 [8] with the replacements from the annex C of the present document;

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

2   References

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

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

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

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

[1]   ETSI EN 300 757: "Digital Enhanced Cordless Telecommunications (DECT); Low Rate Messaging Service (LRMS) including Short Messaging Service (SMS)".

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

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

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

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

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

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

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

[9]   ETSI ETS 300 474-1: "Digital Enhanced Cordless Telecommunications (DECT); Generic Access
               Profile (GAP); Profile requirement list and profile specific Implementation Conformance
               Statement (ICS) proforma; Part 1: Portable radio Termination (PT)".

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

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

3   Definitions and abbreviations

3.1   Definitions

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

   a) the terms defined in ISO/IEC 9646-7 [11];

   b) the definitions in EN 300 757 [1]; and

   c) the following terms defined in ISO/IEC 9646-1 [10]:

      - PICS proforma;

      - profile Implementation Conformance Statement (profile ICS).

3.2   Abbreviations

For the purposes of the present document, the abbreviations given in ISO/IEC 9646-1 [10] and EN 300 757 [1] and the
following apply:

   len_o   length specified as OCTETSTRING

4   Conformance requirement concerning profile ICS

The supplier of a protocol implementation which is claimed to conform to the portable termination specific
requirements of EN 300 757 [1] shall verify:

   • in the case of Low Rate Messaging Service (LRMS) that:

      - his protocol implementation meets the profile Requirements Lists (RLs) for each DECT protocol layer,
         contained in the annex A of the present document, and shall complete a copy of the profile-specific ICS
         proforma provided in the annex B and shall provide the information necessary to identify both the supplier
         and the implementation.

   • in the case of Short Message Service (SMS) that:

      - his protocol implementation meets the profile Requirements Lists (RLs) for each DECT protocol layer,
         contained in the annex C of the present document, and shall complete a copy of the profile-specific ICS
         proforma provided in the annex D and shall provide the information necessary to identify both the supplier
         and the implementation.

Annex A (normative):
LRMS Requirement lists for PT

A.1   Profile Requirement List (profile RL)

The supplier of an implementation which is claimed to conform to the Low Rate Messaging Service (LRMS) of
EN 300 757 [1] is required to:

- complete a copy of the Protocol Implementation Conformance Statement (PICS) proforma EN 300 476,
  parts 1 [5], 2 [6], 3 [7], 7 [8] with the replacements from annex A of the present document.

The profile RL is produced:

- in the case that a requirement of EN 300 757 [1] applies which is covered in EN 300 444 [4], by referencing to
  ETS 300 474-1 [9];

- in the case that a requirement of EN 300 757 [1] applies which is not covered in EN 300 444 [4], by modifying
  tables from EN 300 476, parts 1 [5], 2 [6], 3 [7], 7 [8].

Thus the profile RL gives a detailed description of the different requirements between EN 300 757 [1] and
EN 300 444 [4].

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

Status column

The standardized symbols for the status column are as follows:

m or M	mandatory - the capability is required to be supported;
o or O	optional - the capability may be supported or not;
n/a or N/A	not applicable - in the given context, it is impossible to use the capability;
x or X	prohibited (excluded) - there is a requirement not to use this capability in the given context;
o.i or O.i	qualified optional - for mutually exclusive or selectable options from a set. "i" is an integer which identifies a unique group of related optional items and the logic of their selection which is defined immediately following the table;
ci or Ci	conditional - the requirement on the capability ("m", "o", "x" or "n/a") depends on the support of other optional or conditional items. "i" is an integer identifying an unique conditional status expression which is defined immediately following the table or which is defined in the general condition table below;
i or I	out-of-scope - this capability is outside the scope of the given specification, and hence irrelevant and not subject to conformance testing. This status is in particular applicable for data fields which are reserved for future use. The structure of such fields has to be supported, but the value is undefined and thus to be ignored.

Reference column

The reference column gives reference to EN 300 757 [1], except where explicitly stated otherwise.

Values allowed column

The values allowed column contains the values or the ranges of values allowed. When the length of a field or group of
octets has been specified a specific notation has been used as "len_o" with meaning length specified as
OCTETSTRING.

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

To express the profile requirements of EN 300 757 [1], clause A.2 of ETS 300 474-1 [9] shall apply with the following modifications.

A.2.1 Major capabilities

A.2.1.1 Entities

Table A.1 indicates the change of status for the NWK layer Entities in clause A.5.1.1 of EN 300 476-1 [5].

Table A.1: EN 300 476-1 [5], table A.12: Entities

Item	Entity name	Reference	Status
4	ConnectionLess Message Service (CLMS)	5.6.2	c101
c101: IF B.0/2 THEN m ELSE n/a.			

A.2.1.2 MM features

Table A.2 indicates the change of status for the NWK layer MM features in clause A.5.1.3 of EN 300 476-1 [5].

Table A.2: EN 300 476-1 [5], table A.14: MM features

Item	Feature name	Reference	Status
5	Encryption activation FT initiated	4.4, table4.1/3	o
6	Encryption activation PT initiated	4.4, table4.1/3	o

A.2.1.3 Procedures

Table A.3 indicates the change of status for the NWK layer CLMS procedures in clause A.5.1.7 of EN 300 476-1 [5].

Table A.3: EN 300 476-1 [5], table A.22: CLMS procedures

Item	CLMS procedure	Reference	Status
1	clms_fixed	-	i
2	clms_variable	5.6.2	c301
3	clms_timer_f_clms_00_mgt	5.6.2	c301
c301: IF B.0/2 THEN m ELSE n/a.			

A.2.2 Messages

The M-MMS messages of the M-MMS protocol layer are mapped to the DECT C-plane messages of the NWK layer as follows:

- the M-MMS messages are mapped to the IWU-INFOrmation message in the case of the Point-to-Point service. The M-MMS messages are mapped to the CLMS-VARIABLE message in the case of the Point-to-Multipoint service;

- the information elements of the M-MMS messages are identical to the information elements of the IWU-INFOrmation message and the CLMS-VARIABLE message, so that a one-to-one mapping of the information elements applies for the two cases.

A.2.2.1   Call Control messages

Tables A.4 and A.5 indicate the change of status for the NWK layer message IWU-INFOrmation in clause A.5.2.1 of EN 300 476-1 [5].

Table A.4: EN 300 476-1 [5], table A.25: CC messages (Sending, PT to FT)

Item	CC message	Reference	Status
14	IWU-INFOrmation	5.6.1	m

Table A.5: EN 300 476-1 [5], table A.26: CC messages (Receiving, FT to PT)

Item	CC message	Reference	Status
14	IWU-INFOrmation	5.6.1	m

The message in table A.6 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.6: EN 300 476-1 [5], tables A.50 and A.51: MMS-SEND mapped to IWU-INFOrmation

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.2.1, A.2.3.3	m
4	MMS Object Header	6.3.2.2.1, A.2.3.3	m
5	Repeat Indicator	6.3.2.2.1, A.2.3.3	o
6	MMS Extended Header	6.3.2.2.1, A.2.3.3	o
7	Repeat Indicator	6.3.2.2.1, A.2.3.3	o
8	Time-Date	6.3.2.2.1, A.2.3.3	o
9	Repeat Indicator	6.3.2.2.1, A.2.3.3	o
10	Calling party number	6.3.2.2.1, A.2.3.3	o
11	Repeat Indicator	6.3.2.2.1, A.2.3.3	o
12	Called party number	6.3.2.2.1, A.2.3.3	o
13	Called party subaddress	6.3.2.2.1, A.2.3.3	o
14	Segmented info	5.6.1, 6.3.2.2.1, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	5.6.1, 6.3.2.2.1, A.2.3.3	o
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i

The message in table A.7 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.7: EN 300 476-1 [5], tables A.50 and A.51: MMS-SEND-RPY mapped to IWU-INFOrmation

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.2.2, A.2.3.3	m
4	MMS Object Header	6.3.2.2.2, A.2.3.3	c702
5	Repeat Indicator	6.3.2.2.2, A.2.3.3	o
6	MMS Extended Header	6.3.2.2.2, A.2.3.3	o
7	Repeat Indicator	6.3.2.2.2, A.2.3.3	o
8	Time-Date	6.3.2.2.2, A.2.3.3	o
9	Repeat Indicator	6.3.2.2.2, A.2.3.3	o
10	Calling party number	-	i
11	Repeat Indicator	-	i
12	Called party number	-	i
13	Called party subaddress	-	i
14	Segmented info	5.6.1, 6.3.2.2.2, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	-	i
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i
NOTE:	In the case of B.0/1 m, in the case of B.0/2 o.		

The message in table A.8 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.8: EN 300 476-1 [5], tables A.50 and A.51: MMS-SEND-REQ mapped to IWU-INFOrmation

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.3.1, A.2.3.3	m
4	MMS Object Header	6.3.2.3.1, A.2.3.3	m
5	Repeat Indicator	6.3.2.3.1, A.2.3.3	o
6	MMS Extended Header	6.3.2.3.1, A.2.3.3	o
7	Repeat Indicator	6.3.2.3.1, A.2.3.3	o
8	Time-Date	6.3.2.3.1, A.2.3.3	o
9	Repeat Indicator	6.3.2.3.1, A.2.3.3	o
10	Calling party number	6.3.2.3.1, A.2.3.3	o
11	Repeat Indicator	6.3.2.3.1, A.2.3.3	o
12	Called party number	6.3.2.3.1, A.2.3.3	o
13	Called party subaddress	6.3.2.3.1, A.2.3.3	o
14	Segmented info	5.6.1, 6.3.2.3.1, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	-	i
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i

The message in table A.9 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.9: EN 300 476-1 [5], tables A.50 and A.51: MMS-RETRIEVE mapped to IWU-INFOrmation

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.4.1, A.2.3.3	m
4	MMS Object Header	6.3.2.4.1, A.2.3.3	o
5	Repeat Indicator	6.3.2.4.1, A.2.3.3	o
6	MMS Extended Header	6.3.2.4.1, A.2.3.3	o
7	Repeat Indicator	6.3.2.4.1, A.2.3.3	o
8	Time-Date	6.3.2.4.1, A.2.3.3	o
9	Repeat Indicator	6.3.2.4.1, A.2.3.3	o
10	Calling party number	6.3.2.4.1, A.2.3.3	o
11	Repeat Indicator	6.3.2.4.1, A.2.3.3	o
12	Called party number	6.3.2.4.1, A.2.3.3	o
13	Called party subaddress	6.3.2.4.1, A.2.3.3	o
14	Segmented info	5.6.1, 6.3.2.4.1, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	-	i
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i

The message in table A.10 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.10: EN 300 476-1 [5], tables A.50 and A.51: MMS-RETRIEVE-RPY mapped to IWU-INFOrmation

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.4.2, A.2.3.3	m
4	MMS Object Header	6.3.2.4.2, A.2.3.3	m
5	Repeat Indicator	6.3.2.4.2, A.2.3.3	o
6	MMS Extended Header	6.3.2.4.2, A.2.3.3	o
7	Repeat Indicator	6.3.2.4.2, A.2.3.3	o
8	Time-Date	6.3.2.4.2, A.2.3.3	o
9	Repeat Indicator	6.3.2.4.2, A.2.3.3	o
10	Calling party number	-	i
11	Repeat Indicator	-	i
12	Called party number	-	i
13	Called party subaddress	-	i
14	Segmented info	5.6.1, 6.3.2.4.2, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	6.3.2.4.2, A.2.3.3	o
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i

The message in table A.11 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

**Table A.11: EN 300 476-1 [5], tables A.50 and A.51: MMS-RETRIEVE-HDR
mapped to IWU-INFOrmation**

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.5.1, A.2.3.3	m
4	MMS Object Header	6.3.2.5.1, A.2.3.3	o
5	Repeat Indicator	6.3.2.5.1, A.2.3.3	o
6	MMS Extended Header	6.3.2.5.1, A.2.3.3	o
7	Repeat Indicator	6.3.2.5.1, A.2.3.3	o
8	Time-Date	6.3.2.5.1, A.2.3.3	o
9	Repeat Indicator	6.3.2.5.1, A.2.3.3	o
10	Calling party number	6.3.2.5.1, A.2.3.3	o
11	Repeat Indicator	6.3.2.5.1, A.2.3.3	o
12	Called party number	6.3.2.5.1, A.2.3.3	o
13	Called party subaddress	6.3.2.5.1, A.2.3.3	o
14	Segmented info	5.6.1, 6.3.2.5.1, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	-	i
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i

The message in table A.12 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.12: EN 300 476-1 [5], tables A.50 and A.51: MMS-EXT-CMD mapped to IWU-INFOrmation

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.6.1, A.2.3.3	m
4	MMS Object Header	6.3.2.6.1, A.2.3.3	o
5	Repeat Indicator	6.3.2.6.1, A.2.3.3	o
6	MMS Extended Header	6.3.2.6.1, A.2.3.3	o
7	Repeat Indicator	6.3.2.6.1, A.2.3.3	o
8	Time-Date	6.3.2.6.1, A.2.3.3	o
9	Repeat Indicator	6.3.2.6.1, A.2.3.3	o
10	Calling party number	6.3.2.6.1, A.2.3.3	o
11	Repeat Indicator	6.3.2.6.1, A.2.3.3	o
12	Called party number	6.3.2.6.1, A.2.3.3	o
13	Called party subaddress	6.3.2.6.1, A.2.3.3	o
14	Segmented info	5.6.1, 6.3.2.6.1, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	6.3.2.6.1, A.2.3.3	o
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i

The message in table A.13 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

**Table A.13: EN 300 476-1 [5], tables A.50 and A.51: MMS-EXT-CMD-RPY
mapped to IWU-INFOrmation**

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.6.2, A.2.3.3	m
4	MMS Object Header	6.3.2.6.2, A.2.3.3	o
5	Repeat Indicator	6.3.2.6.2, A.2.3.3	o
6	MMS Extended Header	6.3.2.6.2, A.2.3.3	o
7	Repeat Indicator	6.3.2.6.2, A.2.3.3	o
8	Time-Date	6.3.2.6.2, A.2.3.3	o
9	Repeat Indicator	6.3.2.6.2, A.2.3.3	o
10	Calling party number	-	-
11	Repeat Indicator	-	-
12	Called party number	-	-
13	Called party subaddress	-	-
14	Segmented info	5.6.1, 6.3.2.6.2, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	6.3.2.6.2, A.2.3.3	o
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i

The message in table A.14 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.14: EN 300 476-1 [5], tables A.50 and A.51: MMS-STATUS mapped to IWU-INFOrmation

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.7.1, A.2.3.3	m
4	MMS Object Header	6.3.2.7.1, A.2.3.3	o
5	Repeat Indicator	6.3.2.7.1, A.2.3.3	o
6	MMS Extended Header	6.3.2.7.1, A.2.3.3	o
7	Repeat Indicator	6.3.2.7.1, A.2.3.3	o
8	Time-Date	6.3.2.7.1, A.2.3.3	o
9	Repeat Indicator	6.3.2.7.1, A.2.3.3	o
10	Calling party number	6.3.2.7.1, A.2.3.3	o
11	Repeat Indicator	6.3.2.7.1, A.2.3.3	o
12	Called party number	6.3.2.7.1, A.2.3.3	o
13	Called party subaddress	6.3.2.7.1, A.2.3.3	o
14	Segmented info	5.6.1, 6.3.2.7.1, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	6.3.2.7.1, A.2.3.3	o
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i

The message in table A.15 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.15: EN 300 476-1 [5], tables A.50 and A.51: MMS-STATUS-RPY mapped to IWU-INFOrmation

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.7.1, A.2.3.3	m
4	MMS Object Header	6.3.2.7.1, A.2.3.3	o
5	Repeat Indicator	6.3.2.7.1, A.2.3.3	o
6	MMS Extended Header	6.3.2.7.1, A.2.3.3	o
7	Repeat Indicator	6.3.2.7.1, A.2.3.3	o
8	Time-Date	6.3.2.7.1, A.2.3.3	o
9	Repeat Indicator	6.3.2.7.1, A.2.3.3	o
10	Calling party number	-	i
11	Repeat Indicator	-	i
12	Called party number	-	i
13	Called party subaddress	-	i
14	Segmented info	5.6.1, 6.3.2.7.1, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	6.3.2.7.1, A.2.3.3	o
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i

The message in table A.16 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.16: EN 300 476-1 [5], tables A.50 and A.51: MMS-ESC-CMD mapped to IWU-INFOrmation

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.8.1, A.2.3.3	m
4	MMS Object Header	6.3.2.8.1, A.2.3.3	o
5	Repeat Indicator	6.3.2.8.1, A.2.3.3	o
6	MMS Extended Header	6.3.2.8.1, A.2.3.3	o
7	Repeat Indicator	6.3.2.8.1, A.2.3.3	o
8	Time-Date	6.3.2.8.1, A.2.3.3	o
9	Repeat Indicator	6.3.2.8.1, A.2.3.3	o
10	Calling party number	6.3.2.8.1, A.2.3.3	o
11	Repeat Indicator	6.3.2.8.1, A.2.3.3	o
12	Called party number	6.3.2.8.1, A.2.3.3	o
13	Called party subaddress	6.3.2.8.1, A.2.3.3	o
14	Segmented info	5.6.1, 6.3.2.8.1, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	6.3.2.8.1, A.2.3.3	o
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i

The message in table A.17 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.17: EN 300 476-1 [5], tables A.50 and A.51: MMS-ESC-CMD-RPY mapped to IWU-INFOrmation

Item	IWU-INFOrmation Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	-	i
3	MMS Generic Header	6.3.2.7.1, A.2.3.3	m
4	MMS Object Header	6.3.2.7.1, A.2.3.3	o
5	Repeat Indicator	6.3.2.7.1, A.2.3.3	o
6	MMS Extended Header	6.3.2.7.1, A.2.3.3	o
7	Repeat Indicator	6.3.2.7.1, A.2.3.3	o
8	Time-Date	6.3.2.7.1, A.2.3.3	o
9	Repeat Indicator	6.3.2.7.1, A.2.3.3	o
10	Calling party number	-	i
11	Repeat Indicator	-	i
12	Called party number	-	i
13	Called party subaddress	-	i
14	Segmented info	5.6.1, 6.3.2.7.1, A.2.3.3	o
15	Alphanumeric	-	i
16	IWU-to-IWU	6.3.2.7.1, A.2.3.3	o
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i

A.2.2.2   ConnectionLess Message Service messages

Tables A.18 and A.19 indicate the change of status for the NWK layer messages of the CLMS messages in clause A.5.2.5 of EN 300 476-1 [5].

Table A.18: EN 300 476-1 [5], table A.122: CLMS messages (Sending, PT to FT)

Item	CLMS message (Sending, PT to FT) Information element name	Reference	Status
1	CLMS-VARIABLE	6.3.5.1 [2], 5.6.2	c1801
2	CLMS-FIXED-long	-	i
3	CLMS-FIXED-extended	-	i
c1801: IF B.0/2 THEN m ELSE n/a.			

Table A.19: EN 300 476-1 [5], table A.123: CLMS messages (Receiving, FT to PT)

Item	CLMS message (Receiving, FT to PT) Information element name	Reference	Status
1	CLMS-VARIABLE	6.3.5.1 [2], 5.6.2	c1901
2	CLMS-FIXED-long	-	i
3	CLMS-FIXED-extended	-	i
c1901: IF B.0/2 THEN m ELSE n/a.			

The message in table A.20 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.20: EN 300 476-1 [5], table A.124/125: MMS-SEND mapped to CLMS-VARIABLE

Item	CLMS-VARIABLE Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.2	m
2	Portable identity	7.7.30 [2], 5.6.2	m
3	MMS Generic Header	6.3.2.2.1, A.2.3.3	c2001
4	MMS Object Header	6.3.2.2.1, A.2.3.3	c2001
5	Repeat Indicator	6.3.2.2.1, A.2.3.3	c2002
6	MMS Extended Header	6.3.2.2.1, A.2.3.3	c2002
7	Repeat Indicator	6.3.2.2.1, A.2.3.3	c2002
8	Time-Date	6.3.2.2.1, A.2.3.3	c2002
9	Repeat Indicator	6.3.2.2.1, A.2.3.3	c2002
10	Calling party number	6.3.2.2.1, A.2.3.3	c2002
11	Repeat Indicator	6.3.2.2.1, A.2.3.3	c2002
12	Called party number	6.3.2.2.1, A.2.3.3	c2002
13	Called party subaddress	6.3.2.2.1, A.2.3.3	c2002
14	Segmented info	5.6.1, 6.3.2.2.1, A.2.3.3	c2002
15	Alphanumeric	-	i
16	IWU-to-IWU	5.6.1, 6.3.2.2.1, A.2.3.3	c2002
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i
c2001: IF B.0/2 THEN m ELSE i. c2002: IF B.0/2 THEN o ELSE i.			

The message in table A.21 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.21: EN 300 476-1 [5], table A.124/125: MMS-STATUS mapped to CLMS-VARIABLE

Item	CLMS-VARIABLE Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	7.7.30 [2], 5.6.2	m
3	MMS Generic Header	6.3.2.7.1, A.2.3.3	c2101
4	MMS Object Header	6.3.2.7.1, A.2.3.3	c2102
5	Repeat Indicator	6.3.2.7.1, A.2.3.3	c2102
6	MMS Extended Header	6.3.2.7.1, A.2.3.3	c2102
7	Repeat Indicator	6.3.2.7.1, A.2.3.3	c2102
8	Time-Date	6.3.2.7.1, A.2.3.3	c2102
9	Repeat Indicator	6.3.2.7.1, A.2.3.3	c2102
10	Calling party number	6.3.2.7.1, A.2.3.3	c2102
11	Repeat Indicator	6.3.2.7.1, A.2.3.3	c2102
12	Called party number	6.3.2.7.1, A.2.3.3	c2102
13	Called party subaddress	6.3.2.7.1, A.2.3.3	c2102
14	Segmented info	5.6.1, 6.3.2.7.1, A.2.3.3	c2102
15	Alphanumeric	-	i
16	IWU-to-IWU	6.3.2.7.1, A.2.3.3	c2102
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i
c2101: IF B.0/2 THEN m ELSE i. c2102: IF B.0/2 THEN o ELSE i.			

The message in table A.22 is valid for the direction (Sending, PT to FT) and (Receiving, FT to PT).

Table A.22: EN 300 476-1 [5], table A.124/125: MMS-ESC-CMD mapped to CLMS-VARIABLE

Item	CLMS-VARIABLE Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2], 5.6.1	m
2	Portable identity	7.7.30 [2], 5.6.2	m
3	MMS Generic Header	6.3.2.8.1, A.2.3.3	c2201
4	MMS Object Header	6.3.2.8.1, A.2.3.3	c2202
5	Repeat Indicator	6.3.2.8.1, A.2.3.3	c2202
6	MMS Extended Header	6.3.2.8.1, A.2.3.3	c2202
7	Repeat Indicator	6.3.2.8.1, A.2.3.3	c2202
8	Time-Date	6.3.2.8.1, A.2.3.3	c2202
9	Repeat Indicator	6.3.2.8.1, A.2.3.3	c2202
10	Calling party number	6.3.2.8.1, A.2.3.3	c2202
11	Repeat Indicator	6.3.2.8.1, A.2.3.3	c2202
12	Called party number	6.3.2.8.1, A.2.3.3	c2202
13	Called party subaddress	6.3.2.8.1, A.2.3.3	c2202
14	Segmented info	5.6.1, 6.3.2.8.1, A.2.3.3	c2202
15	Alphanumeric	-	i
16	IWU-to-IWU	6.3.2.8.1, A.2.3.3	c2202
17	IWU-PACKET	-	i
18	Escape to proprietary	-	i
c2201: IF B.0/2 THEN m ELSE i.			
c2202: IF B.0/2 THEN o ELSE i.			

A.2.3   Information elements

A.2.3.1   Fixed length information element

Table A.23 indicates the change of status for the NWK layer information element Repeat indicator (non prioritized) in clause A.5.3.1 of EN 300 476-1 [5].

Table A.23: EN 300 476-1 [5], table A.136: Repeat indicator (non prioritized)

Item	Repeat indicator (non prioritized) Name of field	Reference	Status	Value allowed
1	Repeat indicator "non-prioritized"	7.6.3 [2]	m	'11010001'B

Table A.24 indicates the change of status for the NWK layer Type of service class in basic service in clause A.5.3.1 of EN 300 476-1 [5].

Table A.24: EN 300 476-1 [5], table A.138: Type of service class in basic service

Item	Type of call class in basic service	Reference	Status
1	Basic service "Normal call setup	-	i
2	Basic service "Internal call setup"	-	i
3	Basic service "Emergency call setup"	-	i
4	Basic service "Service call setup"	-	i
5	Basic service "External handover call setup"	-	i
6	Basic service "Message call setup"	B.1	m
7	Basic service "DECT/ISDN IIP call setup"	-	i
8	Basic service "Supplementary service call setup"	-	i
9	Basic service "OA&M call setup"	-	i

Table A.25 indicates the change of status and the change of values for the NWK layer information element Basic service - Message call setup in clause A.5.3.1 of EN 300 476-1 [5].

Table A.25: EN 300 476-1 [5], table A.144: Basic service - Message call setup

Item	Basic service - Message call set-up Name of field	Reference	Status	Value allowed
3	Basic service	7.6.4	m	'0101'B

A.2.3.2 Variable length information element

Table A.26 indicates the change of status and the change of values for the NWK layer information element Called party number in clause A.5.3.3 of EN 300 476-1 [5].

Table A.26: EN 300 476-1 [5], table A.218: Called party number

Item	Called party number Name of field	Reference	Status	Value allowed
1	ID of called party number	7.7.1 [2]	m	'01110000'B
2	Length of Contents (L)	7.7.7 [2]	m	0, A.26/6.len_o + 1
3	Oct3_ext_bit	7.7.7 [2]	m	'1'B
4	Number type	7.7.7 [2]	m	'000'B to '100'B, '110'B, '111'B
5	Numbering plan identification	7.7.7 [2]	m	'0000'B, '0001'B, '0011'B, '0111'B, '1000'B, '1001'B, '1011'B, '1100'B, '1101'B, '1110'B, '1111'B
6	Called party address (group of octets)	7.7.7 [2], annex D [2]	m	len_o: 1 to 254 val: 00,02,03,05-0F,11-1B, 20-7F (HEX)

Table A.27 indicates the change of status and the change of values for the NWK layer information element Called party subaddress in clause A.5.3.3 of EN 300 476-1 [5].

Table A.27: EN 300 476-1 [5], table A.219: Called party subaddress

Item	Called party subaddress Name of field	Reference	Status	Value allowed
1	ID of called party subaddress	7.7.1 [2]	m	'01110001
2	Length of Contents (L)	7.7.8 [2]	m	0, table A.27/7.len_o + 1
3	Oct3_ext_bit	7.7.8 [2]	m	'1'B
4	Subaddress type	7.7.8 [2]	m	'000'B, '010'B, '100'B
5	Odd/even	7.7.8 [2]	m	'0'B, '1'B
6	Oct3_spare	7.7.8 [2]	m	'000'B
7	Called party subaddress (group of octets)	7.7.8 [2], annex D [2]	m	len_o: 1 to 254 val: '00000000'B to '11111111'B

Table A.28 indicates the change of status and the change of values for the NWK layer information element Calling party number in clause A.5.3.3 of EN 300 476-1 [5].

Table A.28: EN 300 476-1 [5], table A.220: Calling party number

Item	Calling party number Name of field	Reference	Status	Value allowed
1	ID of calling party number	7.7.1 [2]	m	'01101100'B
2	Length of Contents (L)	7.7.9 [2]	m	0, A.28/10.len_o+1
3	Oct3_ext_bit	7.7.9 [2]	m	'0'B, '1'B
4	Number type	7.7.9 [2]	m	'000'B to '100'B, '110'B, '111'B
5	Numbering plan identification	7.7.9 [2]	m	'0000'B, '0001'B, '0011'B, '0111'B, '1000'B, '1001'B, '1011'B, '1100'B, '1101'B, '1110'B, '1111'B
6	Oct3a_ext_bit	7.7.9 [2]	c2802	'1'B
7	Presentation indicator	7.7.9 [2]	c2802	'00'B to '10'B
8	Oct3a_spare	7.7.9 [2]	c2802	'000'B
9	Screening indicator	7.7.9 [2]	c2802	'00'B to '10'B
10	Calling party address (group of octets)	7.7.9 [2], annex D [2]	m	len_o: c2801 val: 00,02,03,05-0F,11--1B,20-7F (HEX)
c2801: IF A.28/3 = '1'B THEN (1 to 254) ELSE (1 to 253).				
c2802: IF A.28/3 = '0'B THEN m ELSE x.				

Table A.29 indicates the change of status and the change of values for the NWK layer Type connection attributes in clause A.5.3.3 of EN 300 476-1 [5].

Table A.29: EN 300 476-1 [5], table A.222: Type connection attributes

Item	Type of connection attributes supported	Reference	Status
1	Connection attributes (symmetric)	B.3	m
2	Connection attributes (asymmetric)	-	i

Table A.30 indicates the change of status and the change of values for the NWK layer information element Connection attributes (symmetric) in clause A.5.3.3 of EN 300 476-1 [5].

Table A.30: EN 300 476-1 [5], table A.224: Connection attributes (symmetric)

Item	Connection attributes (symmetric) Name of field	Reference	Status	Value allowed
1	ID of connection attributes	7.7.1 [2]	m	'00010111'B
2	Length of Contents (L)	-	i	-
3	Oct3_ext_bit	B.3	m	'1'B
4	Symmetry	B.3	m	'001'B
5	Connection identity	B.3	m	'0000'B
6	Oct4_ext_bit	B.3	m	'0'B
7	Oct4_bearer_def_coding	B.3	m	'00'B
8	Target bearers (P => F direction)	B.3	m	'00000'B
9	Oct4a_ext_bit	B.3	m	'0'B
10	Oct4a_bearer_def_coding	B.3	m	'01'B
11	Minimum bearers (P => F direction)	B.3	m	'00000'B
12	Oct4b_ext_bit	B.3	m	'0'B
13	Oct4b_bearer_def_coding	B.3	m	'10'B
14	Target bearers (F => P direction)	B.3	m	'00000'B
15	Oct4c_ext_bit	B.3	m	'0'B
16	Oct4c_bearer_def_coding	B.3	m	'11'B
17	Minimum bearers (F => P direction)	B.3	m	'00000'B
18	Oct5_ext_bit	-	i	-
19	MAC slot size	-	i	-
20	MAC service (P => F direction)	-	i	-
21	Oct5a_ext_bit	-	i	-
22	Oct5a_spare	-	i	-
23	MAC service (F => P direction)	-	i	-
24	Oct6_ext_bit	-	i	-
25	CF channel attributes (P => F direction)	-	i	-
26	MAC packet life time (P => F direction)	-	i	-
27	Oct6a_ext_bit	-	i	-
28	CF channel attributes (F => P direction)	-	i	-
29	MAC packet life time (F => P direction)	-	i	-

Table A.31 indicates the change of status and the change of values for the NWK layer information element IWU attributes in clause A.5.3.3 of EN 300 476-1 [5].

Table A.31: EN 300 476-1 [5], table A.263: IWU attributes

Item	IWU attributes Name of field	Reference	Status	Value allowed
1	ID of IWU attributes	7.7.1 [2]	m	'00010010'B
2	Length of Contents (L)	-	i	-
3	Oct3_ext_bit	B.2	m	'1'B
4	Coding standard	B.2	m	'01'B
5	Profile	B.2	m	'00100'B
6	Oct4_ext_bit	B.2	m	'00100'B
7	Negotiation indicator	B.2	m	3 bits value
8	Profile subtype	B.2	m	'0000'B
9	IWU attribute(s) information	-	i	-

Table A.32 indicates the change of status and the change of values for the NWK layer information element
IWU-to-IWU in clause A.5.3.3 of EN 300 476-1 [5].

Table A.32: EN 300 476-1 [5], table A.265: IWU-to-IWU

Item	IWU-to-IWU Name of field	Reference	Status	Value allowed
1	ID of IWU-to-IWU	7.7.1 [2]	m	'01110111'B
2	Length of Contents (L)	-	i	-
3	Oct3_ext_bit	A.2.3.3	m	'1'B
4	Send/reject	A.2.3.3	m	'0'B, '1'B
5	Protocol Discriminator	A.2.3.3	m	'010100'B
6	IWU-to-IWU information	A.2.3.3	note 1	note 2
NOTE 1: In the case of (B.0/1 OR B.0/3 OR B.0/4 OR B.0/5 OR B.0/6 OR B.0/7) m, in the case of B.0/2 n/a.				
NOTE 2: M-MMS user data is mapped into this field.				

Table A.33 indicates the change of status for the NWK layer information element Type of portable identity in
clause A.5.3.3 of EN 300 476-1 [5].

Table A.33: EN 300 476-1 [5], table A.282: Type of portable identity

Item	Type of portable identity Identity name	Reference	Status
13	TPUI-assigned connectionless group	6.3.3 [3], 5.6.2	m

Table A.34 indicates the change of status and the change of values for the NWK layer information element Segmented
info in clause A.5.3.3 of EN 300 476-1 [5].

Table A.34: EN 300 476-1 [5], table A.303: Segmented info

Item	Segmented info Name of field	Reference	Status	Value allowed
1	ID of segmented info	7.7.1 [2]	m	'01110101'B
2	Length of contents (L)	7.7.37 [2]	m	0, 2
3	First segment (F) bit	7.7.37 [2]	m	'0'B, '1'B
4	Number of segments remaining	7.7.37 [2]	m	'0000000'B to '1111111'B
6	Segmented info-element type	7.7.37 [2]	m	'01110110'B, '01110111'B, '01111010'B

A.2.3.3   Escape information element

Table A.35 indicates the change of status and the change of values for the NWK layer MMS Generic Header in clause A.5.3.4 of EN 300 476-1 [5].

Table A.35: EN 300 476-1 [5], table A.318: MMS Generic Header

Item	MMS Generic Header Name of field	Reference	Status	Value allowed
1	ID of MMS Generic Header	A.1.1	m	'00100000'B
2	Length of contents (L)	A.1.1	m	0, 2 to 9
3	Oct3_ext_bit	A.1.1	m	'0'B, '1'B
4	MMS command type	A.1.1	m	'00000'B to '01101'B
5	Reply requested	A.1.1	m	'00'B to '11'B
6	Oct3a_ext_bit	A.1.1	c3501	'1'B
7	Extended MMS command type	A.1.1	c3501	c3502
8	Oct4_ext_bit	A.1.1	m	'0'B, '1'B
9	MMS message identifier I/R	A.1.1	m	'0'B, '1'B
10	MMS message identifier reply seq	A.1.1	m	'00'B to '11'B
11	MMS message identifier Action ID1	A.1.1	m	4 bits value
12	Oct4a_ext_bit	A.1.1	c3503	'1'B
13	Extended MMS message identifier Action ID2	A.1.1	c3503	c3504
14	Oct5_ext_bit	A.1.1	o	'0'B, '1'B
15	Service type	A.1.1	o	'0000000'B to '0000100'B, '0001000'B to '0001101'B, '0010000'B to '0010100'B, '0010110'B to '0010111'B, '0100000'B to '0100111'B, note
16	Oct5a_ext_bit	A.1.1	c3505	'1'B
17	Service subtype	A.1.1	c3505	7 bits value, note
18	Oct6_ext_bit	A.1.1	c3506	'0'B, '1'B
19	Command outcome	A.1.1	c3506	'0000000'B to '0000001'B, '0000100'B to '0000110'B, '0001000'B to '0001011'B, '0100000'B to '0101000'B, '0110000'B, '1000000'B to '1000010'B, '1000100'B to '1000110'B, '1001000'B to '1001001'B, '1001100'B to '1001101'B, '1010000'B to '1010011'B
20	Oct6a_ext_bit	A.1.1	c3507	'0'B, '1'B
21	Command outcome - IE support	A.1.1	c3507	'0000001'B to '1111111'B
22	Oct6b_ext_bit	A.1.1	c3508	'1'B
23	Command outcome - IE support	A.1.1	c3508	'0000001'B to '0001111'B

c3501: IF A.35/4 = ('01000'B OR '01001'B OR '01010'B OR '01011'B OR '01100'B OR '01101'B) THEN m ELSE n/a.

c3502: IF A.35/4 = ('01000'B OR '01001'B) THEN ('0000000'B, '0001000'B, '0001001'B, '0111000'B, '0111001'B, '0111010'B, '1000000'B, '1000001'B, '1000010'B, '1001000'B to '1001100'B)
ELSE IF A.35/4 = ('01010'B OR '01011'B) THEN ('0000000'B, '0000001'B, '0000010'B, '1000000'B, '1000001'B)
ELSE i.

c3503: IF A.35/8 = '0'B THEN m ELSE n/a.

c3504: IF A.35/4 = ('01100'B OR '01101'B) THEN 7 bits value ELSE i.

c3505: IF A.35/14 = '0'B THEN m ELSE n/a.

NOTE: If omitted the receiving side shall assume '0000000'B.

c3506: IF A.35/4 = ('00001'B OR '00011'B OR '00101'B OR '00111'B OR '01001'B OR '01011'B OR '01101'B) THEN m ELSE n/a.

c3507: IF (A.35/18 = '0'B AND A.35/4 = ('00001'B OR '00011'B OR '00101'B OR '00111'B OR '01001'B OR '01011'B OR '01101'B)) THEN m ELSE n/a.

c3508: IF (A.35/20 = '0'B AND A.35/4 = ('00001'B OR '00011'B OR '00101'B OR '00111'B OR '01001'B OR '01011'B OR '01101'B)) THEN m ELSE n/a.

Table A.36 indicates the change of status and the change of values for the NWK layer MMS Object Header in clause A.5.3.4 of EN 300 476-1 [5].

Table A.36: EN 300 476-1 [5], table A.319: MMS Object Header

Item	MMS Object Header Name of field	Reference	Status	Value allowed
1	ID of MMS Object Header	A.1.2	m	'00100001'B
2	Length of contents (L)	A.1.2	m	0, 9 to17
3	Oct3_ext_bit	A.1.2	m	'0'B, '1'B
4	Reserved	A.1.2	m	2 bits value
5	Length description	A.1.2	m	'00'B to '01'B
6	Number of length octets	A.1.2	m	'000'B to '111'B
7	User data length octet 1	A.1.2	c3601	8 bits value
8	User data length octet 2	A.1.2	c3602	8 bits value
9	User data length octet 3	A.1.2	c3603	8 bits value
10	User data length octet 4	A.1.2	c3604	8 bits value
11	User data length octet 5	A.1.2	c3605	8 bits value
12	User data length octet 6	A.1.2	c3606	8 bits value
13	User data length octet 7	A.1.2	c3607	8 bits value
14	User data length octet 8	A.1.2	c3608	8 bits value
15	Oct4_ext_bit	A.1.2	m	'0'B
16	Source user data category	A.1.2	m	'00'B to '11'B
17	Source user data transfer encoding	A.1.2	m	'00000'B, '00001'B, '00010'B, '00100'B, '00101'B, '01000'B
18	Oct4a_ext_bit	A.1.2	m	'1'B
19	Destination user data category	A.1.2	m	'00'B to '11'B
20	Destination user data transfer encoding	A.1.2	m	'00000'B, '00001'B, '00010'B, '00100'B, '00101'B, '01000'B
21	Oct5_ext_bit	A.1.2	m	'0'B,'1'B
22	Source user data type	A.1.2	m	'0000000'B to '0000010'B, '0000100'B to '0000110'B, '0001000'B to '0001110'B, '0010000'B to '0010100'B, '0100000'B to '0101000'B, '0111000'B to '0111001'B, '0111111'B, '1000000'B to '1000010'B, '1000101'B to '1000110'B, '1001000'B to '1001100'B, '1111000'B, '1111111'B
23	Oct5a_ext_bit	A.1.2	c3609	'0'B, '1'B
24	Extended source user data type	A.1.2	c3609	'0000000'B, c3610
25	Oct5b_ext_bit	A.1.2	c3611	'0'B, '1'B
26	Destination user data type	A.1.2	c3611	'0000000'B to '0000010'B, '0000100'B to '0000110'B, '0001000'B to '0001110'B, '0010000'B to '0010100'B, '0100000'B to '0101000'B, '0111000'B to '0111001'B, '0111111'B, '1000000'B to '1000010'B, '1000101'B to '1000110'B, '1001000'B to '1001100'B, '1111000'B, '1111111'B
27	Oct5c_ext_bit	A.1.2	c3612	'1'B
28	Extended destination user data type	A.1.2	c3612	'0000000'B, c3610
29	Oct6_ext_bit	A.1.2	m	'0'B, '1'B
30	Multipart parent message identifier I/R	A.1.2	m	'0'B, '1'B
31	Multipart parent message identifier reply seq	A.1.2	m	'00'B to '11'B
32	Multipart parent message identifier Action ID1	A.1.2	m	4 bits value
33	Oct6a_ext_bit	A.1.2	c3613	'1'B

Item	MMS Object Header Name of field	Reference	Status	Value allowed
34	Multipart parent extended message identifier Action OID2	A.1.2	c3613	7 bits value

c3601: IF A.36/5 <> ('00'B) THEN x
    ELSE IF A.36/6 = ('000'B, '001'B, '010'B, '011'B, '100'B, '101'B, '110'B, '111'B) THEN m
    ELSE x.
c3602: IF A.36/5 <> ('00'B) THEN x
    ELSE IF A.36/6 = ('001'B, '010'B, '011'B, '100'B, '101'B, '110'B, '111'B) THEN m
    ELSE x.
c3603: IF A.36/5 <> ('00'B) THEN x
    ELSE IF A.36/6 = ('010'B, '011'B, '100'B, '101'B, '110'B, '111'B) THEN m
    ELSE x.
c3604: IF A.36/5 <> ('00'B) THEN x
    ELSE IF A.36/6 = ('011'B, '100'B, '101'B, '110'B, '111'B) THEN m
    ELSE x.
c3605: IF A.36/5 <> ('00'B) THEN x
    ELSE IF A.36/6 = ('100'B, '101'B, '110'B, '111'B) THEN m
    ELSE x.
c3606: IF A.36/5 <> ('00'B) THEN x
    ELSE IF A.36/6 = ('101'B, '110'B, '111'B) THEN m
    ELSE x.
c3607: IF A.36/5 <> ('00'B) THEN x
    ELSE IF A.36/6 = ('110'B, '111'B) THEN m
    ELSE x.
c3608: IF A.36/5 <> ('00'B) THEN x
    ELSE IF A.36/6 = ('111'B) THEN m
    ELSE x.
c3609: IF A.36/21 = '0'B THEN m ELSE n/a.
c3610: IF A.36/22 = ('1000000'B) THEN ('0000001'B to '0000110'B, '0010000'B to '0010010'B)
    ELSE IF A.36/22 = ('1000001'B OR '1000101'B) THEN ('0000001'B to '0000110'B)
    ELSE IF A.36/22 = ('1000010'B) THEN ('0000001'B to '0000101'B)
    ELSE IF A.36/22 = ('1001000'B) THEN ('0000001'B to '0000100'B, '0001001'B to '0001100'B, '0010001'B to '0010100'B, '0011001'B to '0011100'B, '0100001'B to '0100100'B)
    ELSE IF A.36/22 = ('1001001'B) THEN ('0000001'B to '0000110'B)
    ELSE IF A.36/22 = ('1001010'B) THEN ('0000001'B to '0000010'B)
    ELSE IF A.36/22 = ('1001011'B) THEN ('0000001'B to '0000011'B)
    ELSE IF A.36/22 = ('1001100'B) THEN ('0000001'B to '0000011'B)
    ELSE IF A.36/22 = ('1111111'B) THEN ('0000001'B to '1111111'B)
    ELSE i.
c3611: IF A.36/23 = '0'B THEN m ELSE n/a.
c3612: IF A.36/25 = '0'B THEN m ELSE n/a.
c3613: IF A.36/29 = '0'B THEN m ELSE n/a.

Table A.37 indicates the change of status and the change of values for the NWK layer MMS Extended Header in clause A.5.3.4 of EN 300 476-1 [5].

Table A.37: EN 300 476-1 [5], table A.320: MMS Extended Header

Item	MMS Extended Header Name of field	Reference	Status	Value allowed
1	ID of MMS Extended Header	A.1.3	m	'00100010'B
2	Length of contents (L)	A.1.3	m	0, 1 + A.37/8.len_o, 2 + A.37/8.len_o
3	Oct3_ext_bit	A.1.3	m	'0'B, '1'B
4	Attribute category	A.1.3	m	'000'B to '100'B
5	Attribute identifier	A.1.3	m	c3701
6	Oct3a_ext_bit	A.1.3	c3702	'1'B
7	Extended attribute identifier	A.1.3	o	7 bits value
8	Message attribute	A.1.3	o	each attribute: 8 bits value
c3701: IF A.37/4 = ('000'B) THEN ('0000'B to '0100'B) ELSE IF A.37/4 = ('001'B) THEN ('0000'B) ELSE IF A.37/4 = ('011'B) THEN ('0000'B) ELSE IF A.37/4 = ('100'B) THEN ('0000'B) ELSE n/a. c3702: IF A.37/3 = '0'B THEM m ELSE n/a.				

Table A.38 indicates the change of status and the change of values for the NWK layer information element Time-Date in clause A.5.3.4 of EN 300 476-1 [5].

Table A.38: EN 300 476-1 [5], table A.321: Time-Date

Item	Time-Date Name of field	Reference	Stat.	Value allowed
1	ID of time-date	7.7.1 [2]	m	'00100011'B
2	Length of contents (L)	7.7.50 [2]	m	0, 4, 5, 8
3	Coding	7.7.50 [2]	m	'01'B to '11'B
4	Interpretation	7.7.50 [2]	m	'000000'B, '000001'B, '100000'B to '100100'B, '101000'B

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

To express the profile requirements of EN 300 757 [1], the clause A.3 of ETS 300 474-1 [9] shall apply with the following modifications:

A.3.1   Major capabilities

A.3.1.1 Services

Table A.39 indicates the change of status for the DLC layer Data link services in clause A.5.1.1 of EN 300 476-2 [6].

Table A.39: EN 300 476-2 [6], table A.9: Data link services

Item	Data link service	Reference	Status
2	U-plane services	-	i

Table A.40 indicates the change of status for the DLC layer C-plane services in clause A.5.1.1 of EN 300 476-2 [6].

Table A.40: EN 300 476-2 [6], table A.10: C-plane services

Item	C-plane service	Reference	Status
1	Class U service	5.5.4.1	m
2	Class A service	5.5.4.1	o
3	Class B service	5.5.4.1	c4001
c4001: IF B.0/2 THEN m ELSE i.			

Table A.41 indicates the change of status for the DLC layer Management services in clause A.5.1.1 of EN 300 476-2 [6].

Table A.41: EN 300 476-2 [6], table A.12: Management services

Item	Management service	Reference	Status
1	MAC connection management	5.5.4.2.4	m
2	DLC C-plane management	5.5.4.2.4	m
3	DLC U-plane management	-	i
4	Connection handover management	5.5.4.2.4	o
5	Connection ciphering management	5.5.4.2.4	c4101
c4101: IF (A.2/1 OR A.2/2 OR A.41/4) THEN m ELSE i.			

A.3.1.2   Procedures

A.3.1.2.1   Generic signalling procedures

Table A.42 indicates the change of status for the DLC layer Generic signalling procedures in clause A.5.1.2.1 of EN 300 476-2 [6].

Table A.42: EN 300 476-2 [6], table A.13: Generic signalling procedures

Item	Generic signalling procedure	Reference	Status
1	Segmentation of NWK information	5.5.4.2.1	c4201
2	Cs channel fragmentation and recombination	5.5.4.2.1	c4201
3	Cf channel fragmentation and recombination	5.5.4.2.1	c4202
c4201: IF (A.40/2 OR A.40/3) THEN m ELSE i.			
c4202: IF (A.40/2 OR A.40/3) THEN o ELSE i.			

A.3.1.2.2   Generic signalling procedures

Table A.43 indicates the change of status for the DLC layer Class U procedures in clause A.5.1.2.2 of EN 300 476-2 [6].

Table A.43: EN 300 476-2 [6], table A.14: Class U procedures

Item	Class U procedure	Reference	Status
1	Class U link establishment	5.5.4.2.2	m
2	Class U information transfer	5.5.4.2.2	m
3	Class U link release	5.5.4.2.2	m

A.3.1.2.3   Class A procedures

Table A.44 indicates the change of status for the DLC layer Class A procedures in clause A.5.1.2.3 of
EN 300 476-2 [6].

Table A.44: EN 300 476-2 [6], table A.15: Class A procedures

Item	Class A procedure	Reference	Status
1	Class A link establishment	5.5.4.2.2	c4401
2	Class A acknowledged information transfer	5.5.4.2.2	c4401
3	Class A link release	5.5.4.2.2	c4401
4	Class A link re-establishment	5.5.4.2.2	c4401
5	Class A connection handover	5.5.4.2.2	c4402
c4401: IF A.40/2 THEN m ELSE i.			
c4402: IF A.40/2 THEN o ELSE i.			

A.3.1.2.4   Class B procedures

Table A.45 indicates the change of status for the DLC layer Class B procedures in clause A.5.1.2.4 of
EN 300 476-2 [6].

Table A.45: EN 300 476-2 [6], table A.16: Class B procedures

Item	Class B procedure	Reference	Status
1	Class B multiple frame establishment	5.5.4.2.1	c4501
2	Class B information transfer	5.5.4.2.1	c4501
3	Class B link release	5.5.4.2.1	c4501
4	Class B link suspension and resumption	5.5.4.2.1	c4501
5	Class B connection handover	5.5.4.2.1	c4502
c4501: IF A.40/3 THEN m ELSE i.			
c4502: IF A.40/3 THEN o ELSE i.			

A.3.1.2.5   Broadcast procedures

Table A.46 indicates the change of status for the DLC layer Broadcast procedures in clause A.5.1.2.5 of
EN 300 476-2 [6].

Table A.46: EN 300 476-2 [6], table A.17: Broadcast procedures

Item	Broadcast procedure	Reference	Status
2	Expedited operation	5.5.4.2.3	o

A.3.1.2.6   Management procedures

Table A.47 indicates the change of status for the DLC layer Management procedures in clause A.5.1.2.16 of
EN 300 476-2 [6].

Table A.47: EN 300 476-2 [6], table A.35: Management procedures

Item	Management procedure	Reference	Status
2	DLC C-plane management	5.5.4.2.4	m
3	DLC U-plane management	-	i
4	Connection handover management	5.5.4.2.4	c4701
5	Connection ciphering management	5.5.4.2.4	c4702
c4701: IF (A.44/5 OR A.45/5) THEN m ELSE x.			
c4702: IF A.41/5 THEN m ELSE i.			

Table A.48 indicates the change of status for the DLC layer MAC connection management procedures in
clause A.5.1.2.16 of EN 300 476-2 [6].

Table A.48: EN 300 476-2 [6], table A.36 MAC: connection management procedures

Item	MAC connection management procedure	Reference	Status
3	MAC connection modification	-	i
5	Selection of logical channels (Cs or Cf)	5.5.4.2.4	m

Table A.49 indicates the change of status for the DLC layer C-plane management procedures in clause A.5.1.2.16 of EN 300 476-2 [6].

Table A.49: EN 300 476-2 [6], table A.37: C-plane management procedures

Item	C-plane management procedure	Reference	Status
2	Routeing of connection oriented links	5.5.4.2.4	m
3	Routeing of connectionless links	5.5.4.2.4	c4901
c4901: IF B.0/2 THEN m ELSE i.			

Table A.50 indicates the change of status for the DLC layer Connection ciphering management procedures in clause A.5.1.2.16 of EN 300 476-2 [6].

Table A.50: EN 300 476-2 [6], table A.39: Connection ciphering management procedures

Item	Connection ciphering management procedure	Reference	Status
1	Providing a key to the MAC layer	5.5.4.2.4	c5001
2	Starting the ciphering	5.5.4.2.4	c5001
3	Stopping the ciphering	5.5.4.2.4	c5001
4	Connection handover	5.5.4.2.4	c5001
5	DLC-initiated ciphering	-	i
c5001: IF A.47/4 THEN m ELSE i.			

A.3.2 Protocol parameters

A.3.2.1 C-plane timers

Table A.51 indicates the change of status for the DLC layer C-plane timers in clause A.5.2.1 of EN 300 476-2 [6].

Table A.51: EN 300 476-2 [6], table A.40: C-plane timers

Item	C-plane timer	Reference	Status	Value Allowed
1	DL.00	5.5.4.5	m	2s
2	DL.01	5.5.4.5	m	2s
3	DL.02	5.5.4.5	m	2s
4	DL.03	5.5.4.5	m	2s
5	DL.04 (Cf routed frames)	5.5.4.5	m	1s
6	DL.04 (Cs routed frames)	5.5.4.5	m	2s
7	DL.05	5.5.4.5	m	10s
8	DL.06	5.5.4.5	m	4s
9	DL.07	5.5.4.5	m	2s

A.3.3   Protocol PDUs

A.3.3.1   C-plane PDUs

A.3.3.1.1   C-plane frame structure

Table A.52 indicates the change of status for the DLC layer Frame structure (Sending, PT to FT) in clause A.5.3.1.1 of EN 300 476-2 [6].

Table A.52: EN 300 476-2 [6], table A.63: Frame structure (Sending, PT to FT)

Item	Frame structure (Sending, PT to FT)	Reference	Status
1	Frame structure of format type FA	5.5.4.3	m
2	Broadcast service frame structure	5.5.4.3	n/a

Table A.53 indicates the change of status for the DLC layer Frame structure (Receiving, FT to PT) in clause A.5.3.1.1 of EN 300 476-2 [6].

Table A.53: EN 300 476-2 [6], table A.64: Frame structure (Receiving, FT to PT)

Item	Frame structure (Receiving, FT to PT)	Reference	Status
1	Frame structure of format type FA	5.5.4.3	m
2	Broadcast service frame structure	5.5.4.3	m

Table A.54 indicates the change of status for the DLC layer Frame format type FA (Sending, PT to FT) in clause A.5.3.1.1 of EN 300 476-2 [6].

Table A.54: EN 300 476-2 [6], table A.65: Frame format type FA (Sending, PT to FT)

Item	Frame element (Sending, PT to FT)	Reference	Status
3	Length indicator field	5.5.4.3	m
4	Information field	5.5.4.3	m
5	Fill field	5.5.4.3	m

Table A.55 indicates the change of status for the DLC layer Frame format type FA (Receiving, FT to PT) in clause A.5.3.1.1 of EN 300 476-2 [6].

Table A.55: EN 300 476-2 [6], table A.66: Frame format type FA (Receiving, FT to PT)

Item	Frame element (Receiving, FT to PT)	Reference	Status
3	Length indicator field	5.5.4.3	m
4	Information field	5.5.4.3	m
5	Fill field	5.5.4.3	m

Table A.56 indicates the change of status for the DLC layer Broadcast service frame structure (Receiving, FT to PT) in clause A.5.3.1.1 of EN 300 476-2 [6].

Table A.56: EN 300 476-2 [6], table A.67: Broadcast service frame structure (Receiving, FT to PT)

Item	Frame element (Receiving, FT to PT)	Reference	Status
2	Long frame format (5 octets)	5.5.4.3	m

A.3.3.1.2   C-plane messages

Table A.57 indicates the change of status and the change of values for the DLC layer Class B messages (Sending, PT to FT) in clause A.5.3.1.2.1 of EN 300 476-2 [6].

Table A.57: EN 300 476-2 [6], table A.70: Class B messages (Sending, PT to FT)

Item	Class B message (Sending, PT to FT)	Reference	Status
1	I-command	5.5.4.4, table 5.26, item 1	m
2	RR-command/response	5.5.4.4, table 5.26, item 2	m
3	RNR-command/response	5.5.4.4, table 5.26, item 3	m
4	REJ-command/response	5.5.4.4, table 5.26, item 4	m
5	SABM-command	5.5.4.4, table 5.26, item 5	m
6	DM-response	5.5.4.4, table 5.26, item 6	m
7	DISC-command	5.5.4.4, table 5.26, item 8	m
8	UA-response	5.5.4.4, table 5.26, item 9	m

Table A.58 indicates the change of status and the change of values for the DLC layer Class B messages (Receiving, FT to PT) in clause A.5.3.1.2.1 of EN 300 476-2 [6].

Table A.58: EN 300 476-2 [6], table A.70: Class B messages (Receiving, FT to PT)

Item	Class B message (Receiving, FT to PT)	Reference	Status
1	I-command	5.5.4.4, table 5.26, item 1	m
2	RR-command/response	5.5.4.4, table 5.26, item 2	m
3	RNR-command/response	5.5.4.4, table 5.26, item 3	m
4	REJ-command/response	5.5.4.4, table 5.26, item 4	m
5	SABM-command	5.5.4.4, table 5.26, item 5	m
6	DM-response	5.5.4.4, table 5.26, item 6	m
7	DISC-command	5.5.4.4, table 5.26, item 8	m
8	UA-response	5.5.4.4, table 5.26, item 9	m

A.3.3.1.2.1   Class B I-command

Table A.59 indicates the change of status and the change of values for the DLC layer Class B I-command (Sending, PT to FT) in clause A.5.3.1.2.4 of EN 300 476-2 [6].

Table A.59: EN 300 476-2 [6], table A.86: Class B I-command (Sending, PT to FT)

Item	Class B I-command - Name of field (Sending, PT to FT)	Reference	Status
1	Address field	5.5.4.4, table 5.27	m
2	Control field	5.5.4.4, table 5.27	m
3	Length indicator field	5.5.4.4, table 5.27	m
4	Information field	5.5.4.4, table 5.27	m
5	Fill field	5.5.4.4, table 5.27	m
6	Checksum field	5.5.4.4, table 5.27	m

Table A.60 indicates the change of status and the change of values for the DLC layer Class B I-command (Receiving, FT to PT) in clause A.5.3.1.2.4 of EN 300 476-2 [6].

Table A.60: EN 300 476-2 [6], table A.87: Class B I-command (Receiving, FT to PT)

Item	Class B I-command - Name of field (Receiving, FT to PT)	Reference	Status
1	Address field	5.5.4.4, table 5.27	m
2	Control field	5.5.4.4, table 5.27	m
3	Length indicator field	5.5.4.4, table 5.27	m
4	Information field	5.5.4.4, table 5.27	m
5	Fill field	5.5.4.4, table 5.27	m
6	Checksum field	5.5.4.4, table 5.27	m

Table A.61 indicates the change of status and the change of values for the DLC layer Class B I-command Control field (Sending, PT to FT) in clause A.5.3.1.2.4 of EN 300 476-2 [6].

Table A.61: EN 300 476-2 [6], table A.88: Class B I-command Control field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'0'B
2	N(S)	5.5.4.4	m	'000'B - '111'B
3	P	5.5.4.4	m	'0'B, '1'B
4	N(R)	5.5.4.4	m	'000'B - '111'B

Table A.62 indicates the change of status and the change of values for the DLC layer Class B I-command Control field (Receiving, FT to PT) in clause A.5.3.1.2.4 of EN 300 476-2 [6].

Table A.62: EN 300 476-2 [6], table A.89: Class B I-command Control field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'0'B
2	N(S)	5.5.4.4	m	'000'B - '111'B
3	P	5.5.4.4	m	'0'B, '1'B
4	N(R)	5.5.4.4	m	'000'B - '111'B

Table A.63 indicates the change of status and the change of values for the DLC layer Class B I-command Address field (Sending, PT to FT) in clause A.5.3.1.2.4 of EN 300 476-2 [6].

Table A.63: EN 300 476-2 [6], table A.90: Class B I-command Address field (Sending, PT to FT)

Item	Name of sub-field	Ref.	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'0'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '110'B
5	NLF	5.5.4.4	m	'0'B, '1'B

Table A.64 indicates the change of status and the change of values for the DLC layer Class B I-command Address field (Receiving, FT to PT) in clause A.5.3.1.2.4 of EN 300 476-2 [6].

Table A.64: EN 300 476-2 [6], table A.91: Class B I-command Address field (Receiving, FT to PT)

Item	Name of sub-field	Ref.	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'1'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '110'B
5	NLF	5.5.4.4	m	'0'B, '1'B

A.3.3.1.2.2 Class B RR-command/response

Table A.65 indicates the change of status and the change of values for the DLC layer Class B RR-command/response (Sending, PT to FT) in clause A.5.3.1.2.5 of EN 300 476-2 [6].

Table A.65: EN 300 476-2 [6], table A.92: Class B RR-command/response (Sending, PT to FT)

Item	RR-command/response - Name of field (Sending, PT to FT)	Reference	Status
1	Address field	5.5.4.4, table 5.28	m
2	Control field	5.5.4.4, table 5.28	m
3	Length indicator field	5.5.4.4, table 5.28	m
4	Fill field	5.5.4.4, table 5.28	m
5	Checksum field	5.5.4.4, table 5.28	m

Table A.66 indicates the change of status and the change of values for the DLC layer Class B RR-command/response (Receiving, FT to PT) in clause A.5.3.1.2.5 of EN 300 476-2 [6].

Table A.66: EN 300 476-2 [6], table A.93: Class B RR-command/response (Receiving, FT to PT)

Item	RR-command/response - Name of field (Receiving, FT to PT)	Reference	Status
1	Address field	5.5.4.4, table 5.28	m
2	Control field	5.5.4.4, table 5.28	m
3	Length indicator field	5.5.4.4, table 5.28	m
4	Fill field	5.5.4.4, table 5.28	m
5	Checksum field	5.5.4.4, table 5.28	m

Table A.67 indicates the change of status and the change of values for the DLC layer Class B RR Control field (Sending, PT to FT) in clause A.5.3.1.2.5 of EN 300 476-2 [6].

Table A.67: EN 300 476-2 [6], table A.94: Class B RR Control field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'01'B
2	S bits	5.5.4.4	m	'00'B
3	P/F	5.5.4.4	m	'0'B, '1'B
4	N(R)	5.5.4.4	m	'000'B - '111'B

Table A.68 indicates the change of status and the change of values for the DLC layer Class B RR Control field (Receiving, FT to PT) in clause A.5.3.1.2.5 of EN 300 476-2 [6].

Table A.68: EN 300 476-2 [6], table A.95: Class B RR Control field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'01'B
2	S bits	5.5.4.4	m	'00'B
3	P/F	5.5.4.4	m	'0'B, '1'B
4	N(R)	5.5.4.4	m	'000'B - '111'B

Table A.69 indicates the change of status and the change of values for the DLC layer Class B RR Address field (Sending, PT to FT) in clause A.5.3.1.2.5 of EN 300 476-2 [6].

Table A.69: EN 300 476-2 [6], table A.96: Class B RR Address field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'0'B, '1'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

Table A.70 indicates the change of status and the change of values for the DLC layer Class B RR Address field (Receiving, FT to PT) in clause A.5.3.1.2.5 of EN 300 476-2 [6].

Table A.70: EN 300 476-2 [6], table A.97: Class B RR Address field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'0'B, '1'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

A.3.3.1.2.3   Class B RNR-command/response

Table A.71 indicates the change of status and the change of values for the DLC layer Class B RNR-command/response (Sending, PT to FT) in clause A.5.3.1.2.6 of EN 300 476-2 [6].

Table A.71: EN 300 476-2 [6], table A.98: Class B RNR-command/response (Sending, PT to FT)

Item	RNR-command/response - Name of field (Sending, PT to FT)	Reference	Status
1	Address field	5.5.4.4, table 5.29	m
2	Control field	5.5.4.4, table 5.29	m
3	Length indicator field	5.5.4.4, table 5.29	m
4	Fill field	5.5.4.4, table 5.29	m
5	Checksum field	5.5.4.4, table 5.29	m

Table A.72 indicates the change of status and the change of values for the DLC layer Class B RNR-command/response (Receiving, FT to PT) in clause A.5.3.1.2.6 of EN 300 476-2 [6].

**Table A.72: EN 300 476-2 [6], table A.99: Class B RNR-command/response
(Receiving, FT to PT)**

Item	RNR-command/response - Name of field (Receiving, FT to PT)	Reference	Status
1	Address field	5.5.4.4, table 5.29	m
2	Control field	5.5.4.4, table 5.29	m
3	Length indicator field	5.5.4.4, table 5.29	m
4	Fill field	5.5.4.4, table 5.29	m
5	Checksum field	5.5.4.4, table 5.29	m

Table A.73 indicates the change of status and the change of values for the DLC layer Class B RNR Control field (Sending, PT to FT) in clause A.5.3.1.2.6 of EN 300 476-2 [6].

**Table A.73: EN 300 476-2 [6], table A.100: Class B RNR Control field
(Sending, PT to FT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'01'B
2	S bits	5.5.4.4	m	'01'B
3	P/F	5.5.4.4	m	'0'B, '1'B
4	N(R)	5.5.4.4	m	'000'B - '111'B

Table A.74 indicates the change of status and the change of values for the DLC layer Class B RNR Control field (Receiving, FT to PT) in clause A.5.3.1.2.6 of EN 300 476-2 [6].

**Table A.74: EN 300 476-2 [6], table A.101: Class B RNR Control field
(Receiving, FT to PT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'01'B
2	S bits	5.5.4.4	m	'01'B
3	P/F	5.5.4.4	m	'0'B, '1'B
4	N(R)	5.5.4.4	m	'000'B - '111'B

Table A.75 indicates the change of status and the change of values for the DLC layer Class B RNR Address field (Sending, PT to FT) in clause A.5.3.1.2.6 of EN 300 476-2 [6].

**Table A.75: EN 300 476-2 [6], table A.102: Class B RNR Address field
(Sending, PT to FT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'0'B, '1'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '110'B
5	NLF	5.5.4.4	m	'0'B, '1'B

Table A.76 indicates the change of status and the change of values for the DLC layer Class B RNR Address field
(Receiving, FT to PT) in clause A.5.3.1.2.6 of EN 300 476-2 [6].

**Table A.76: EN 300 476-2 [6], table A.103: Class B RNR Address field
(Receiving, FT to PT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'0'B, '1'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '110'B
5	NLF	5.5.4.4	m	'0'B, '1'B

A.3.3.1.2.4   Class B REJ-command/response

Table A.77 indicates the change of status and the change of values for the DLC layer Class B REJ-command/response
(Sending, PT to FT) in clause A.5.3.1.2.7 of EN 300 476-2 [6].

**Table A.77: EN 300 476-2 [6], table A.104: Class B REJ-command/response
(Sending, PT to FT)**

Item	REJ-command/response - Name of field (Sending, PT to FT)	Reference	Status
1	Address field	5.5.4.4, table 5.30	m
2	Control field	5.5.4.4, table 5.30	m
3	Information field	5.5.4.4, table 5.30	m
4	Fill field	5.5.4.4, table 5.30	m
5	Checksum field	5.5.4.4, table 5.30	m

Table A.78 indicates the change of status and the change of values for the DLC layer Class B REJ-command/response
(Receiving, FT to PT) in clause A.5.3.1.2.7 of EN 300 476-2 [6].

**Table A.78: EN 300 476-2 [6], table A.105: Class B REJ-command/response
(Receiving, FT to PT)**

Item	REJ-command/response - Name of field (Receiving, FT to PT)	Reference	Status
1	Address field	5.5.4.4, table 5.30	m
2	Control field	5.5.4.4, table 5.30	m
3	Information field	5.5.4.4, table 5.30	m
4	Fill field	5.5.4.4, table 5.30	m
5	Checksum field	5.5.4.4, table 5.30	m

Table A.79 indicates the change of status and the change of values for the DLC layer Class B REJ Control field
(Sending, PT to FT) in clause A.5.3.1.2.7 of EN 300 476-2 [6].

**Table A.79: EN 300 476-2 [6], table A.106: Class B REJ Control field
(Sending, PT to FT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'01'B
2	S bits	5.5.4.4	m	'10'B
3	P/F	5.5.4.4	m	'0'B, '1'B
4	N(R)	5.5.4.4	m	'000'B - '111'B

Table A.80 indicates the change of status and the change of values for the DLC layer Class B REJ Control field
(Receiving, FT to PT) in clause A.5.3.1.2.7 of EN 300 476-2 [6].

**Table A.80: EN 300 476-2 [6], table A.107: Class B REJ Control field
(Receiving, FT to PT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'01'B
2	S bits	5.5.4.4	m	'10'B
3	P/F	5.5.4.4	m	'0'B, '1'B
4	N(R)	5.5.4.4	m	'000'B - '111'B

Table A.81 indicates the change of status and the change of values for the DLC layer Class B REJ Address field
(Sending, PT to FT) in clause A.5.3.1.2.7 of EN 300 476-2 [6].

**Table A.81: EN 300 476-2 [6], table A.108: Class B REJ Address field
(Sending, PT to FT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'0'B, '1'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

Table A.82 indicates the change of status and the change of values for the DLC layer Class B REJ Address field
(Receiving, FT to PT) in clause A.5.3.1.2.7 of EN 300 476-2 [6].

**Table A.82: EN 300 476-2 [6], table A.109: Class B REJ Address field
(Receiving, FT to PT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'0'B, '1'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

A.3.3.1.2.5   Class B SABM-command/response

Table A.83 indicates the change of status and the change of values for the DLC layer Class B
SABM-command/response (Sending, PT to FT) in clause A.5.3.1.2.8 of EN 300 476-2 [6].

**Table A.83: EN 300 476-2 [6], table A.110: Class B SABM-command/response
(Sending, PT to FT)**

Item	SABM-command/response - Name of field (Sending, PT to FT)	Reference	Status
1	Address field	5.5.4.4, table 5.31	m
2	Control field	5.5.4.4, table 5.31	m
3	Length indicator field	5.5.4.4, table 5.31	m
4	Fill field	5.5.4.4, table 5.31	m
5	Checksum field	5.5.4.4, table 5.31	m

Table A.84 indicates the change of status and the change of values for the DLC layer Class B
SABM-command/response (Receiving, FT to PT) in clause A.5.3.1.2.8 of EN 300 476-2 [6].

**Table A.84: EN 300 476-2 [6], table A.111: Class B SABM-command/response
(Receiving, FT to PT)**

Item	SABM-command/response - Name of field (Receiving, FT to PT)	Reference	Status
1	Address field	5.5.4.4, table 5.31	m
2	Control field	5.5.4.4, table 5.31	m
3	Length indicator field	5.5.4.4, table 5.31	m
4	Fill field	5.5.4.4, table 5.31	m
5	Checksum field	5.5.4.4, table 5.31	m

Table A.85 indicates the change of status and the change of values for the DLC layer Class B SABM Control field
(Sending, PT to FT) in clause A.5.3.1.2.8 of EN 300 476-2 [6].

**Table A.85: EN 300 476-2 [6], table A.112: Class B SABM Control field
(Sending, PT to FT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'11'B
2	U bits part 1	5.5.4.4	m	'11'B
3	P	5.5.4.4	m	'1'B
4	U bits part 2	5.5.4.4	m	'001'B

Table A.86 indicates the change of status and the change of values for the DLC layer Class B SABM Control field
(Receiving, FT to PT) in clause A.5.3.1.2.8 of EN 300 476-2 [6].

**Table A.86: EN 300 476-2 [6], table A.113: Class B SABM Control field
(Receiving, FT to PT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'11'B
2	U bits part 1	5.5.4.4	m	'11'B
3	P	5.5.4.4	m	'1'B
4	U bits part 2	5.5.4.4	m	'001'B

Table A.87 indicates the change of status and the change of values for the DLC layer Class B SABM Address field
(Sending, PT to FT) in clause A.5.3.1.2.8 of EN 300 476-2 [6].

**Table A.87: EN 300 476-2 [6], table A.114: Class B SABM Address field
(Sending, PT to FT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'0'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

Table A.88 indicates the change of status and the change of values for the DLC layer Class B SABM Address field (Receiving, FT to PT) in clause A.5.3.1.2.8 of EN 300 476-2 [6].

**Table A.88: EN 300 476-2 [6], table A.115: Class B SABM Address field
(Receiving, FT to PT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'1'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

A.3.3.1.2.6 Class B DM-command/response

Table A.89 indicates the change of status and the change of values for the DLC layer Class B DM-command/response (Sending, PT to FT) in clause A.5.3.1.2.9 of EN 300 476-2 [6].

**Table A.89: EN 300 476-2 [6], table A.116: Class B DM-command/response
(Sending, PT to FT)**

Item	DM-command/response - Name of field (Sending, PT to FT)	Reference	Status
1	Address field	5.5.4.4, table 5.32	m
2	Control field	5.5.4.4, table 5.32	m
3	Length indicator field	5.5.4.4, table 5.32	m
4	Fill field	5.5.4.4, table 5.32	m
5	Checksum field	5.5.4.4, table 5.32	m

Table A.90 indicates the change of status and the change of values for the DLC layer Class B DM-command/response (Receiving, FT to PT) in clause A.5.3.1.2.9 of EN 300 476-2 [6].

**Table A.90: EN 300 476-2 [6], table A.117: Class B DM-command/response
(Receiving, FT to PT)**

Item	DM-command/response - Name of field (Receiving, FT to PT)	Reference	Status
1	Address field	5.5.4.4, table 5.32	m
2	Control field	5.5.4.4, table 5.32	m
3	Length indicator field	5.5.4.4, table 5.32	m
4	Fill field	5.5.4.4, table 5.32	m
5	Checksum field	5.5.4.4, table 5.32	m

Table A.91 indicates the change of status and the change of values for the DLC layer Class B DM Control field (Sending, PT to FT) in clause A.5.3.1.2.9 of EN 300 476-2 [6].

Table A.91: EN 300 476-2 [6], table A.118: Class B DM Control field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'11'B
2	U bits part 1	5.5.4.4	m	'11'B
3	F	5.5.4.4	m	'0'B, '1'B
4	U bits part 2	5.5.4.4	m	'000'B

Table A.92 indicates the change of status and the change of values for the DLC layer Class B DM Control field (Receiving, FT to PT) in clause A.5.3.1.2.9 of EN 300 476-2 [6].

Table A.92: EN 300 476-2 [6], table A.119: Class B DM Control field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'11'B
2	U bits part 1	5.5.4.4	m	'11'B
3	F	5.5.4.4	m	'0'B, '1'B
4	U bits part 2	5.5.4.4	m	'000'B

Table A.93 indicates the change of status and the change of values for the DLC layer Class B DM Address field (Sending, PT to FT) in clause A.5.3.1.2.9 of EN 300 476-2 [6].

Table A.93: EN 300 476-2 [6], table A.120: Class B DM Address field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'1'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

Table A.94 indicates the change of status and the change of values for the DLC layer Class B DM Address field (Receiving, FT to PT) in clause A.5.3.1.2.9 of EN 300 476-2 [6].

Table A.94: EN 300 476-2 [6], table A.121: Class B DM Address field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'0'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

A.3.3.1.2.7 Class B DISC-command/response

Table A.95 indicates the change of status and the change of values for the DLC layer Class B DISC-command/response (Sending, PT to FT) in clause A.5.3.1.2.10 of EN 300 476-2 [6].

Table A.95: EN 300 476-2 [6], table A.122: Class B DISC-command/response (Sending, PT to FT)

Item	DISC-command/response - Name of field (Sending, PT to FT)	Reference	Status
1	Address field	5.5.4.4, table 5.34	m
2	Control field	5.5.4.4, table 5.34	m
3	Length indicator field	5.5.4.4, table 5.34	m
4	Fill field	5.5.4.4, table 5.34	m
5	Checksum field	5.5.4.4, table 5.34	m

Table A.96 indicates the change of status and the change of values for the DLC layer Class B DISC-command/response (Receiving, FT to PT) in clause A.5.3.1.2.10 of EN 300 476-2 [6].

Table A.96: EN 300 476-2 [6], table A.123: Class B DISC-command/response (Receiving, FT to PT)

Item	DISC-command/response - Name of field (Receiving, FT to PT)	Reference	Status
1	Address field	5.5.4.4, table 5.34	m
2	Control field	5.5.4.4, table 5.34	m
3	Length indicator field	5.5.4.4, table 5.34	m
4	Fill field	5.5.4.4, table 5.34	m
5	Checksum field	5.5.4.4, table 5.34	m

Table A.97 indicates the change of status and the change of values for the DLC layer Class B DISC Control field (Sending, PT to FT) in clause A.5.3.1.2.10 of EN 300 476-2 [6].

Table A.97: EN 300 476-2 [6], table A.124: Class B DISC Control field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'11'B
2	U bits part 1	5.5.4.4	m	'00'B
3	P	5.5.4.4	m	'0'B, '1'B
4	U bits part 2	5.5.4.4	m	'010'B

Table A.98 indicates the change of status and the change of values for the DLC layer Class B DISC Control field (Receiving, FT to PT) in clause A.5.3.1.2.10 of EN 300 476-2 [6].

Table A.98: EN 300 476-2 [6], table A.125: Class B DISC Control field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'11'B
2	U bits part 1	5.5.4.4	m	'00'B
3	P	5.5.4.4	m	'0'B, '1'B
4	U bits part 2	5.5.4.4	m	'010'B

Table A.99 indicates the change of status and the change of values for the DLC layer Class B DISC Address field (Sending, PT to FT) in clause A.5.3.1.2.10 of EN 300 476-2 [6].

Table A.99: EN 300 476-2 [6], table A.126: Class B DISC Address field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'0'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

Table A.100 indicates the change of status and the change of values for the DLC layer Class B DISC Address field (Receiving, FT to PT) in clause A.5.3.1.2.10 of EN 300 476-2 [6].

**Table A.100: EN 300 476-2 [6], table A.127: Class B DISC Address field
(Receiving, FT to PT)**

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'1'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

A.3.3.1.2.8   Class B UA-command/response

Table A.101 indicates the change of status and the change of values for the DLC layer Class B UA-command/response (Sending, PT to FT) in clause A.5.3.1.2.11 of EN 300 476-2 [6].

**Table A.101: EN 300 476-2 [6], table A.128: Class B UA-command/response
(Sending, PT to FT)**

Item	UA-command/response - Name of field (Sending, PT to FT)	Reference	Status
1	Address field	5.5.4.4, table 5.35	m
2	Control field	5.5.4.4, table 5.35	m
3	Length indicator field	5.5.4.4, table 5.35	m
4	Fill field	5.5.4.4, table 5.35	m
5	Checksum field	5.5.4.4, table 5.35	m

Table A.102 indicates the change of status and the change of values for the DLC layer Class B UA-command/response (Receiving, FT to PT) in clause A.5.3.1.2.11 of EN 300 476-2 [6].

**Table A.102: EN 300 476-2 [6], table A.129: Class B UA-command/response
(Receiving, FT to PT)**

Item	UA-command/response - Name of field (Receiving, FT to PT)	Reference	Status
1	Address field	5.5.4.4, table 5.35	m
2	Control field	5.5.4.4, table 5.35	m
3	Length indicator field	5.5.4.4, table 5.35	m
4	Fill field	5.5.4.4, table 5.35	m
5	Checksum field	5.5.4.4, table 5.35	m

Table A.103 indicates the change of status and the change of values for the DLC layer Class B UA Control field (Sending, PT to FT) in clause A.5.3.1.2.11 of EN 300 476-2 [6].

Table A.103: EN 300 476-2 [6], table A.130: Class B UA Control field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'11'B
2	U bits part 1	5.5.4.4	m	'00'B
3	F	5.5.4.4	m	'0'B, '1'B
4	U bits part 2	5.5.4.4	m	'011'B

Table A.104 indicates the change of status and the change of values for the DLC layer Class B UA Control field (Receiving, FT to PT) in clause A.5.3.1.2.11 of EN 300 476-2 [6].

Table A.104: EN 300 476-2 [6], table A.131: Class B UA Control field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	Spare field	5.5.4.4	m	'11'B
2	U bits part 1	5.5.4.4	m	'00'B
3	F	5.5.4.4	m	'0'B, '1'B
4	U bits part 2	5.5.4.4	m	'011'B

Table A.105 indicates the change of status and the change of values for the DLC layer Class B UA Address field (Sending, PT to FT) in clause A.5.3.1.2.11 of EN 300 476-2 [6].

Table A.105: EN 300 476-2 [6], table A.132: Class B UA Address field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'1'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

Table A.106 indicates the change of status and the change of values for the DLC layer Class B UA Address field (Receiving, FT to PT) in clause A.5.3.1.2.11 of EN 300 476-2 [6].

Table A.106: EN 300 476-2 [6], table A.133: Class B UA Address field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
1	RES	5.5.4.4	m	'1'B
2	C/R	5.5.4.4	m	'0'B
3	SAPI	5.5.4.4	m	'00'B
4	LLN	5.5.4.4	m	'010'B - '111'B
5	NLF	5.5.4.4	m	'0'B, '1'B

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

To express the profile requirements of EN 300 757 [1], the clause A.4 of ETS 300 474-1 [9] shall apply with the following modifications.

A.4.1 Major Capabilities

A.4.1.1 Services

Table A.107 indicates the change of status for the MAC layer Service groups in clause A.5.1 of EN 300 476-3 [7].

Table A.107: EN 300 476-3 [7], table A.9: Service groups

Item	Service group	Reference	Status
3	Connectionless control	5.4.2	c10701
c10701: IF B.0/2 THEN m ELSE i.			

A.4.1.1.1   Connection oriented control services

Table A.108 indicates the change of status for the MAC layer Connection oriented control services in clause A.5.1.1 of EN 300 476-3 [7].

Table A.108: EN 300 476-3 [7], table A.10: Connection oriented control services

Item	Connection oriented control services	Reference	Status
1	Basic connections	5.4.3.7, table 5.8, item 6	m
2	Advanced symmetric connections	5.4.3.7, table 5.8, item 20	o

Table A.109 indicates the change of status for the MAC layer Connection services in clause A.5.1.1 of EN 300 476-3 [7].

Table A.109: EN 300 476-3 [7], table A.11: Connection services

Item	Connection services	Reference	Status
1	Connection setup	5.4.3.7, table 5.8, item 6	m
2	Connection modification	5.4.3.7, table 5.8, item 16	i
4	Connection release	5.4.3.7, table 5.8, item 17	i

Table A.110 indicates the change of status for the MAC layer Symmetric connection oriented services in clause A.5.1.1 of EN 300 476-3 [7].

Table A.110: EN 300 476-3 [7], table A.12: Symmetric connection oriented services

Item	Symmetric connection oriented services	Reference	Status
1	Type 1 IN_minimum_delay	5.4.3.1, table 5.1, item 1,8	i

Table A.111 indicates the change of status for the MAC layer C-plane connection services in clause A.5.1.1 of EN 300 476-3 [7].

Table A.111: EN 300 476-3 [7], table A.14: C-plane connection services

Item	C-plane connection services	Reference	Status
1	Only Cs channel supported	5.4.3.1, table 5.1, item 12	m
3	Only Cf channels supported	5.4.3.1, table 5.1, item 13	c11101
c11101: IF A.117/2 THEN m ELSE i.			

A.4.1.1.2   Broadcast control services

Table A.112 indicates the change of status for the MAC layer Broadcast control services in clause A.5.1.2 of EN 300 476-3 [7].

Table A.112: EN 300 476-3 [7], table A.10: Broadcast services

Item	Broadcast service	Reference	Status
2	Non-continuous broadcast	5.4.3.3, table 5.3, item 91	o

A.4.1.1.3   Connectionless control services

Table A.113 indicates the change of status for the MAC layer Connectionless control services in clause A.5.1.3 of EN 300 476-3 [7].

Table A.113: EN 300 476-3 [7], table A.16: Connectionless control services

Item	Connectionless control service	Reference	Status
1	Downlink connectionless	5.4.3.7, table 5.8, item 1	c11301
2	Uplink connectionless	5.4.3.7, table 5.8, item 3	i
c11301: IF B.0/2 THEN m ELSE i.			

Table A.114 indicates the change of status for the MAC layer Downlink connectionless services in clause A.5.1.3 of EN 300 476-3 [7].

Table A.114: EN 300 476-3 [7], table A.17: Downlink connectionless services

Item	Downlink connectionless services	Reference	Status
1	CL_S channel only, short simplex bearer	5.4.3.1, table 5.1, item 14	c11401
2	CL_S and CL_F channels, long simplex bearer	5.4.3.1, table 5.1, item 15	c11402
3	CL_S and SI_N channels, long simplex bearer	5.4.3.1, table 5.1, item 16	i
4	CL_S and SI_P channels, long simplex bearer	-	i
c11401: IF B.0/2 THEN m ELSE i.			
c11402: IF (B.0/2 AND A.117/2) THEN m ELSE i.			

A.4.1.1.4   Multiplexing services

Table A.115 indicates the change of status for the MAC layer CSF multiplexing services in clause A.5.1.4 of EN 300 476-3 [7].

Table A.115: EN 300 476-3 [7], table A.19: CSF multiplexing services

Item	CSF multiplexing services	Reference	Status
3	B-MAP	5.4.3.5, table 5.6, item 15	c11501
5	E/U-MUX	5.4.3.5, table 5.6, item 15,20	m
6	C-MUX	5.4.3.5, table 5.6, item 23-27	c11501
7	Encryption activation	5.4.3.1, table 5.1, item 26	c11502
9	Scrambling	5.4.3.5, table 5.6, item 1,2	c11501
c11501: IF A.117/2 THEN m ELSE i.			
c11502: IF A.41/5 THEN m ELSE i.			

Table A.116 indicates the change of status for the MAC layer D-MAP services in clause A.5.1.4 of EN 300 476-3 [7].

Table A.116: EN 300 476-3 [7], table A.20: D-MAP services

Item	D-MAP	Reference	Status
2	D-field MAP D32	5.4.3.5, table 5.6, item 10	m
4	D-field MAP D00	5.4.3.5, table 5.6, item 12	o
5	D-field MAP D160	-	i
6	D-field MAP D64	-	i
7	D-field MAP D16	-	i
8	D-field MAP D240	-	i
9	D-field MAP D96	-	i
10	D-field MAP D24	-	i

Table A.117 indicates the change of status for the MAC layer B-MAP services in clause A.5.1.4 of EN 300 476-3 [7].

Table A.117: EN 300 476-3 [7], table A.21: B-MAP services

Item	B-MAP	Reference	Status
1	B-field MAP unprotected format	6.2.1.3 []	o.11701
2	B-field MAP protected format	6.2.1.3 []	o.11701
o.11701: It is mandatory to support at least one of these options.			

Table A.118 indicates the change of status for the MAC layer E/U mux services in clause A.5.1.4 of EN 300 476-3 [7].

Table A.118: EN 300 476-3 [7], table A.22: E/U mux services

Item	E/U MUX	Reference	Status
1	E/U-mux E type	5.4.3.5, table 5.6, item 15	c11801
2	E/U-mux U type	5.4.3.5, table 5.6, item 19,20	m
c11801: IF A.117/2 THEN m ELSE i.			

Table A.119 indicates the change of status for the MAC layer C mux mapping services in clause A.5.1.4 of EN 300 476-3 [7].

Table A.119: EN 300 476-3 [7], table A.23: C mux mapping services

Item	Time multiplexers - C mux	Reference	Status
2	C-mux full slot	5.4.3.5, table 5.6, item 23-27	c11901
c11901: IF A.117/2 THEN m ELSE i.			

A.4.1.1.5   Management services

Table A.120 indicates the change of status for the MAC layer Handover services management in clause A.5.1.5 of EN 300 476-3 [7].

Table A.120: EN 300 476-3 [7], table A.25: Handover services management

Item	Handover services	Reference	Status
1	Connection handover	5.4.3.3, table 5.3, item 48,55	i
2	Bearer handover	5.4.3.7, table 5.8, item 24	i

A.4.1.2 Procedures

A.4.1.2.1   Connection setup procedures

Table A.121 indicates the change of status for the MAC layer C/O single bearer setup procedures in clause A.5.2.1.1 of EN 300 476-3 [7].

Table A.121: EN 300 476-3 [7], table A.26: C/O single bearer setup procedures

Item	Name of procedure	Reference	Status
2	Normal setup, single bearer duplex connection known service	5.4.3.7, table 5.8, item 20	o

Table A.122 indicates the change of status for the MAC layer C/O bearer setup procedures in clause A.5.2.1.1 of EN 300 476-3 [7].

Table A.122: EN 300 476-3 [7], table A.29: C/O bearer setup procedures

Item	Name of procedure	Reference	Status
1	Basic bearer setup	5.4.3.7, table 5.8, item 6	m
2	PT initiated - A-field advanced single bearer setup	5.4.3.7, table 5.8, item 19	i
3	PT initiated - B-field single bearer setup	5.4.3.7, table 5.8, item 20	o
4	FT initiated - A-field advanced single bearer setup	5.4.3.7, table 5.8, item 19	i
5	FT initiated - B-field single bearer setup	5.4.3.7, table 5.8, item 21	i
6	Double simplex bearer setup, indirect	5.4.3.7, table 5.8, item 22	i
7	Double simplex bearer setup, direct	5.4.3.7, table 5.8, item 23	i
8	Physical connection bearer setup	-	i
9	Double duplex bearer setup	-	i
10	Channel list	5.4.3.7, table 5.8, item 47	i

Table A.123 indicates the change of status for the MAC layer Broadcast procedures in clause A.5.2.2 of EN 300 476-3 [7].

Table A.123: EN 300 476-3 [7], table A.35: Broadcast procedures

Item	Name of procedure	Reference	Status
2	Fast paging	5.4.3.1, table 5.1/21	o

A.4.1.2.2   Connectionless procedures

Table A.124 indicates the change of status for the MAC layer Downlink connectionless procedures in clause A.5.2.3.1 of EN 300 476-3 [7].

Table A.124: EN 300 476-3 [7], table A.36: Downlink connectionless procedures

Item	Name of procedure	Reference	Status
1	Downlink C/L	5.4.3.7, table 5.8, item 1	c12401
c12401: IF B.0/2 THEN m ELSE i.			

Table A.125 indicates the change of status for the MAC layer Uplink connectionless procedures in clause A.5.2.3.2 of EN 300 476-3 [7].

Table A.125: EN 300 476-3 [7], table A.37: Uplink connectionless procedures

Item	Name of procedure	Reference	Status
1	Uplink C/L bearer selection	-	i
2	Uplink C/L	5.4.3.7, table 5.8, item 3	i
3	Request for specific Q-channel information, A-field procedure	5.4.3.7, table 5.8, item 4	o
4	Request for specific Q-channel information, B-field procedure	5.4.3.7, table 5.8, item 4	o
5	Request for new dummy bearer	5.4.3.7, table 5.8, item 5	o

A.4.1.2.3   CSF multiplexing procedures

Table A.126 indicates the change of status for the MAC layer CSF multiplexing procedures in clause A.5.2.4 of
EN 300 476-3 [7].

Table A.126: EN 300 476-3 [7], table A.38: CSF multiplexing procedures

Item	Name of procedure	Reference	Status
2	Scrambling	5.4.3.5, table 5.6, item 1,2	c12601
5	X-CRC generation	5.4.3.5, table 5.6, item 5	c12602
6	X-CRC checking	5.4.3.5, table 5.6, item 6	c12603
c12601: IF A.115/9 THEN m ELSE i.			
c12602: IF A.117/2 THEN m ELSE i.			
c12603: IF A.117/2 THEN o ELSE i.			

A.4.1.2.4   Layer management procedures

Table A.127 indicates the change of status for the MAC layer Layer management procedures in clause A.5.2.5 of
EN 300 476-3 [7].

Table A.127: EN 300 476-3 [7], table A.39: Layer management procedures

Item	Name of procedure	Reference	Status
1	Extended system information PP request	-	i
2	Duplex bearer physical channel selection	-	i
3	Double simplex bearer physical channel selection	-	n/a
6	RFP measurement of frequency error	-	i
7	RFP idle receiver scan sequence	-	i
8	Test message procedures	5.4.3.7 table 5.8 item 44	i

A.4.1.2.5   Other capabilities

Table A.128 indicates the change of status for the MAC layer Other capabilities in clause A.5.3 of EN 300 476-3 [7].

Table A.128: EN 300 476-3 [7], table A.40: Other capabilities

Item	Capability	Reference	Status
1	Extended RF carriers	-	i

A.4.2 Protocol parameters

A.4.2.1 Timers

Table A.129 indicates the change of status for the MAC layer Timers in clause A.6.1 of EN 300 476-3 [7].

Table A.129: EN 300 476-3 [7], table A.42: Timers

Item	Name of timer	Reference	Status	Value Allowed
1	T200	5.4.3.6	m	3 seconds
2	T201	5.4.3.6	m	5 seconds
3	T202	5.4.3.6	i	3 seconds
5	T204	5.4.3.6	i	6 multi-frames
6	T205	5.4.3.6	m	10 seconds
7	T206	5.4.3.6	i	10 frames
8	T207	5.4.3.6	m	5 seconds
9	T208	5.4.3.6	m	20 seconds
10	T209	5.4.3.6	m	30 seconds
11	T210	5.4.3.6	m	2 seconds
12	T211	5.4.3.6	i	3 seconds
13	T212	5.4.3.6	i	20 frames
14	T213	5.4.3.6	i	20 frames
15	T214	5.4.3.6	i	20 frames
16	T215	5.4.3.6	i	6 multi-frames
17	T216	-	i	-
18	T217	-	i	-
19	T218	-	i	-

A.4.2.2 Protocol constants

Table A.130 indicates the change of status for the MAC layer Protocol constants in clause A.6.2 of EN 300 476-3 [7].

Table A.130: EN 300 476-3 [7], table A.43: Protocol constants

Item	Protocol Constants	Reference	Status	Value Allowed
1	N200	5.4.3.2	m	10
2	N201	5.4.3.2	i	-
3	N202	5.4.3.2	m	10
4	N203	5.4.3.2	i	-
5	N204	-	i	-
6	N205	-	i	-
7	N206	-	i	-
8	N207	-	i	-

A.4.2.3   Channels

Table A.131 indicates the change of status for the MAC layer Channels in clause A.6.4 of EN 300 476-3 [7].

Table A.131: EN 300 476-3 [7], table A.45: Channels

Item	Channel	Reference	Status
1	B_S channel	-	i
2	C_S channel	5.4.3.1, table 5.1, item 12	c13101
3	C_F channel	5.4.3.1, table 5.1, item 13	c13102
4	G_F channel	5.4.3.1, table 5.1, item 20	i
5	SI_N channel	-	i
6	SI_P channel	-	i
7	CL_S channel	5.4.3.1, table 5.1, item 15,18	c13103
8	CL_F channel	5.4.3.1, table 5.1, item 15,17	c13104
9	I_N channel	-	i
10	I_P channel	-	i
c13101: IF A.111/1 THEN m ELSE i. c13101: IF A.111/2 THEN m ELSE i. c13103: IF (A.114/1 OR A.114/2) THEN m ELSE i. c13104: IF A.114/2 THEN m ELSE i.			

A.4.2.4   Bearer types

Table A.132 indicates the change of status for the MAC layer Bearer types in clause A.6.5 of EN 300 476-3 [7].

Table A.132: EN 300 476-3 [7], table A.46: Bearer types

Item	Bearer type	Reference	Status
1	Short simplex	-	i
2	Long simplex	5.4.3.1, table 5.1, item 20	i
3	Duplex	5.4.3.1, table 5.1, item 12,13	c13201
4	Double simplex	-	i
5	Double duplex	-	i
c13201: IF A.117/2 THEN m ELSE i.			

A.4.2.5   Slot types

Table A.133 indicates the change of status for the MAC layer Slot types in clause A.6.6 of EN 300 476-3 [7].

Table A.133: EN 300 476-3 [7], table A.45: Slot types

Item	Slot type	Reference	Status
1	Short slot	-	i
2	Half slot	-	i
3	Full slot	5.4.3.4, table 5.5, item 2	m
4	Double slot	-	i

A.4.3   Messages

A.4.3.1   A-field header

A.4.3.1.1   A-field header - Tail Identification

Table A.134 indicates the change of status for the MAC layer Tail Identification (Sending, PT to FT) in clause A.7.1.1 of EN 300 476-3 [7].

Table A.134: EN 300 476-3 [7], table A.48: Tail Identification (Sending, PT to FT)

Item	Tail Identification	Reference	Status
3	Identities information on C/L bearer	5.4.3.3, table 5.3, item 3	n/a
5	Multiframe synchronization - system info.	5.4.3.3, table 5.3, item 5	n/a
6	Escape or SIP or no valid I_N channel data	5.4.3.3, table 5.3, item 6	x

Table A.135 indicates the change of status for the MAC layer Tail Identification (Receiving, FT to PT) in clause A.7.1.1 of EN 300 476-3 [7].

Table A.135: EN 300 476-3 [7], table A.49: Tail Identification (Receiving, FT to PT)

Item	Tail Identification	Reference	Status
3	Identities information on C/L bearer	5.4.3.3, table 5.3, item 3	o
6	Escape or SIP or no valid I_N channel data	5.4.3.3, table 5.3, item 6	x
8	Paging tail	5.4.3.3, table 5.3, item 8	m

A.4.3.1.2   A-field header - B-field Identification

Table A.136 indicates the change of status for the MAC layer B-field Identification (Sending, PT to FT) in clause A.7.1.3 of EN 300 476-3 [7].

Table A.136: EN 300 476-3 [7], table A.52: B-field Identification (Sending, PT to FT)

Item	B-field identification	Reference	Status
1	U-type, I_N, SIN, SIP, or I_P packet number 0 or no valid I_P error detect channel	5.4.3.3, table 5.3, item 9	m
2	U-type, I_P error detect or I_P packet number 1 or SIP or no valid I_N channel data	5.4.3.3, table 5.3, item 10	i
3	E-type, all C_F or CL_F, packet number 0	5.4.3.3, table 5.3, item 11	c13601
4	double slot required	-	i
5	E-type, all C_F, packet number 1	5.4.3.3, table 5.3, item 12	c13601
6	E-type, not all C_F or CL_F; C_F packet number 0	5.4.3.3, table 5.3, item 13	c13601
7	half slot required	-	i
8	E-type, not all C_F; C_F packet number 1	5.4.3.3, table 5.3, item 14	c13601
9	E-type, all MAC control (unnumbered)	5.4.3.3, table 5.3, item 15	i
10	No B-field	5.4.3.3, table 5.3, item 16	o
c13601: IF A.117/2 THEN m ELSE i.			

Table A.137 indicates the change of status for the MAC layer B-field Identification (Receiving, FT to PT) in clause A.7.1.3 of EN 300 476-3 [7].

Table A.137: EN 300 476-3 [7], table A.53: B-field Identification (Receiving, FT to PT)

Item	B-field identification	Reference	Status
1	U-type, I_N, SIN, SIP, or I_P packet number 0 or no valid I_P error detect channel	5.4.3.3, table 5.3, item 9	m
2	U-type, I_P error detect or I_P packet number 1 or SIP or no valid I_N channel data	5.4.3.3, table 5.3, item 10	i
3	E-type, all C_F or CL_F, packet number 0	5.4.3.3, table 5.3, item 11	c13701
4	double slot required	-	i
5	E-type, all C_F, packet number 1	5.4.3.3, table 5.3, item 12	c13701
6	E-type, not all C_F or CL_F; C_F packet number 0	5.4.3.3, table 5.3, item 13	c13701
7	half slot required	-	i
8	E-type, not all C_F; C_F packet number 1	5.4.3.3, table 5.3, item 14	c13701
9	E-type, all MAC control (unnumbered)	5.4.3.3, table 5.3, item 15	i
10	No B-field	5.4.3.3, table 5.3, item 16	n/a
c13701: IF A.117/2 THEN m ELSE i.			

A.4.3.2 A-field system information (Q_T) messages

Table A.138 indicates the change of status for the MAC layer System information messages (Receiving, FT to PT) in clause A.7.3 of EN 300 476-3 [7].

Table A.138: EN 300 476-3 [7], table A.58: System information messages (Receiving, FT to PT)

Item	System information message	Reference	Status
2	Q_T - Extended RF carrier information	5.4.3.3, table 5.3, item 19	i
4	Q_T - Extended fixed part capabilities	5.4.3.3, table 5.3, item 21	m
6	Q_T - Multi-frame number	5.4.3.3, table 5.3, item 23	m
7	Q_T - escape	5.4.3.3, table 5.3, item 24	i

A.4.3.3 A-field paging tail (P_T) messages

A.4.3.3.1 Paging tail messages

Table A.139 indicates the change of status for the MAC layer Paging tail messages (Receiving, FT to PT) in clause A.7.4.1 of EN 300 476-3 [7].

Table A.139: EN 300 476-3 [7], table A.59: Paging tail messages (Receiving, FT to PT)

Item	Paging tail messages	Reference	Status
3	Short page format	5.4.3.3, table 5.3, item 26	m
4	Zero length page format	5.4.3.3, table 5.3, item 25	m

A.4.3.3.2 P_T messages information type

Table A.140 indicates the change of status for the MAC layer P_T messages information type (Receiving, FT to PT) in clause A.7.4.1 of EN 300 476-3 [7].

Table A.140: EN 300 476-3 [7], table A.60: P_T messages information type (Receiving, FT to PT)

Item	P_T messages information type	Reference	Status
2	0001 - blind full slot	5.4.3.3, table 5.3, item 34	m
6	0101 - dummy or C/L bearer position	5.4.3.3, table 5.3, item 38	m
7	0110 - RFP identity	5.4.3.3, table 5.3, item 39	i
8	0111 - escape	5.4.3.3, table 5.3, item 41	i
9	1000 - dummy or C/L bearer marker	5.4.3.3, table 5.3, item 40	o
10	1001 - bearer handover information	5.4.3.3, table 5.3, item 42-45	i
11	1010 - RFP status	-	i
12	1011 - active carriers	-	i
13	1100 - C/L bearer position	-	i
14	1101 - recommended power level	-	i
15	1110 - blind double slot / RFP-FP interface resources	-	i
16	1111 - modulation types information	-	i

A.4.3.4   A - field MAC control (M_T) messages

A.4.3.4.1   MAC control (M_T) messages

Table A.141 indicates the change of status for the MAC layer MAC control (M_T) messages (Sending, PT to FT) in clause A.7.5.1 of EN 300 476-3 [7].

Table A.141: EN 300 476-3 [7], table A.61: MAC control (M_T) messages (Sending, PT to FT)

Item	MAC control (M_T) message	Reference	Status
1	Basic connection control	5.4.3.3, table 5.3, item 46-52	c14101
2	MAC layer test messages	5.4.3.3, table 5.3, item 67-71	i
3	Advanced connection control	5.4.3.3, table 5.3, item 53-66	i
4	Quality control	5.4.3.3, table 5.3, item 46-52	o
5	Broadcast and connectionless services	5.4.3.3, table 5.3, item 78-91	c14102
6	Encryption control	5.4.3.3, table 5.3, item 92-97	m
7	B-field set-up, first PT transmission	5.4.3.3, table 5.3, item 98	i
8	MAC control escape	5.4.3.3, table 5.3, item 99	i
9	TARI	-	i
10	REP connection control	-	i
c14101: IF A.115/7 THEN m ELSE o.			
c14102: IF A.117/2 THEN m ELSE i.			

Table A.142 indicates the change of status for the MAC layer MAC control (M_T) messages (Receiving, FT to PT) in clause A.7.5.1 of EN 300 476-3 [7].

Table A.142: EN 300 476-3 [7], table A.62: MAC control (M_T) messages (Receiving, FT to PT)

Item	MAC control (M_T) message	Reference	Status
1	Basic connection control	5.4.3.3, table 5.3, item 46-52	c14201
2	MAC layer test messages	5.4.3.3, table 5.3, item 67-71	i
3	Advanced connection control	5.4.3.3, table 5.3, item 53-66	i
4	Quality control	5.4.3.3, table 5.3, item 46-52	o
5	Broadcast and connectionless services	5.4.3.3, table 5.3, item 78-91	m
6	Encryption control	5.4.3.3, table 5.3, item 92-97	m
7	B-field set-up, first PT transmission	5.4.3.3, table 5.3, item 98	i
8	MAC control escape	5.4.3.3, table 5.3, item 99	i
9	TARI	-	i
10	REP connection control	-	i
c14201: IF A.115/7 THEN m ELSE o.			

A.4.3.4.2   Basic connection control messages

Table A.143 indicates the change of status for the MAC layer Basic connection control messages (Sending, PT to FT) in clause A.7.5.2 of EN 300 476-3 [7].

Table A.143: EN 300 476-3 [7], table A.63: Basic connection control messages (Sending, PT to FT)

Item	MAC control (M_T) message -Basic connection control	Reference	Status
1	Basic CC - access request	5.4.3.3, table 5.3, item 46	c14301
2	Basic CC - bearer handover request	5.4.3.3, table 5.3, item 47	i
3	Basic CC - connection handover request	5.4.3.3, table 5.3, item 48	i
4	Basic CC - unconfirmed access request	5.4.3.3, table 5.3, item 49	i
7	Basic CC - wait	5.4.3.3, table 5.3, item 51	c14301
c14301: IF (A.115/7 AND B.11/2) THEN m ELSE o.			

Table A.144 indicates the change of status for the MAC layer Basic connection control messages (Receiving, FT to PT) in clause A.7.5.2 of EN 300 476-3 [7].

Table A.144: EN 300 476-3 [7], table A.64: Basic connection control messages (Receiving, FT to PT)

Item	MAC control (M_T) message -Basic connection control	Ref.	Status
1	Basic CC - access request	5.4.3.3, table 5.3, item 46	n/a
2	Basic CC - bearer handover request	5.4.3.3, table 5.3, item 47	n/a
3	Basic CC - connection handover request	5.4.3.3, table 5.3, item 48	n/a
4	Basic CC - unconfirmed access request	5.4.3.3, table 5.3, item 49	n/a
5	Basic CC - bearer confirm	5.4.3.3, table 5.3, item 50	c14401
6	Basic CC - release	5.4.3.3, table 5.3, item 52	c14401
7	Basic CC - wait	5.4.3.3, table 5.3, item 51	c14401
c14401: IF A.115/7 THEN m ELSE o.			

A.4.3.4.3 Quality control (QC) messages

Table A.145 indicates the change of status for the MAC layer Quality control (QC) messages (Sending, PT to FT) in clause A.7.5.2 of EN 300 476-3 [7].

Table A.145: EN 300 476-3 [7], table A.69: Quality control (QC) messages (Sending, PT to FT)

Item	MAC control (M_T) messages - Quality control	Reference	Status
1	QC - antenna switch single bearer request	5.4.3.3, table 5.3, item 72	o
2	QC - antenna switch all bearers request	5.4.3.3, table 5.3, item 73	o
3	QC - bearer handover reject	5.4.3.3, table 5.3, item 74	i
4	QC - connection handover reject	5.4.3.3, table 5.3, item 75	i
5	QC - frequency control single bearer reject	5.4.3.3, table 5.3, item 76	o
6	QC - frequency control all bearers reject	5.4.3.3, table 5.3, item 77	o
7	QC - advance timing all bearers reject	-	i
8	QC - send prolonged preamble request	-	i
9	QC - transmit prolonged preamble confirm	-	i
10	QC - frequency replacement request	-	i
11	QC - frequency replacement grant	-	i

Table A.146 indicates the change of status for the MAC layer Quality control (QC) messages (Receiving, FT to PT) in clause A.7.5.2 of EN 300 476-3 [7].

Table A.146: EN 300 476-3 [7], table A.70: Quality control (QC) messages (Receiving, FT to PT)

Item	MAC control (M_T) messages - Quality control	Reference	Status
1	QC - antenna switch single bearer request	5.4.3.3, table 5.3, item 72	o
2	QC - antenna switch all bearers request	5.4.3.3, table 5.3, item 73	o
3	QC - bearer handover reject	5.4.3.3, table 5.3, item 74	i
4	QC - connection handover reject	5.4.3.3, table 5.3, item 75	i
5	QC - frequency control single bearer reject	5.4.3.3, table 5.3, item 76	o
6	QC - frequency control all bearers reject	5.4.3.3, table 5.3, item 77	o
7	QC - advance timing all bearers reject	-	i
8	QC - send prolonged preamble request	-	i
9	QC - transmit prolonged preamble confirm	-	i
10	QC - frequency replacement request	-	i
11	QC - frequency replacement grant	-	i

A.4.3.4.4 Broadcast and connectionless (BCL) messages

Table A.147 indicates the change of status for the MAC layer Broadcast and connectionless (BCL) messages (Sending, PT to FT) in clause A.7.5.6 of EN 300 476-3 [7].

Table A.147: EN 300 476-3 [7], table A.71: Broadcast and connectionless (BCL) messages (Sending, PT to FT)

Item	MAC control (M_T) messages - Broadcast and connectionless services	Reference	Status
1	CL_F, first of 2 transmissions, half slot	-	i
2	CL_F first of 2 transmissions, full slot	-	i
3	CL_F first of 2 transmissions, double slot	-	i
4	CL_F, last transmissions, half slot	-	i
5	CL_F, last transmissions, full slot	-	i
6	CL_F, last transmissions, double slot	-	i
7	C/L single transmissions, no C_F or CL_S	5.4.3.3, table 5.3, item 88	c14701
8	CL_S service, first transmissions	5.4.3.3, table 5.3, item 89	c14701
9	change dummy bearer position	5.4.3.3, table 5.3, item 90	o
10	extended system info., A-field procedure	-	i
11	extended system info., B-field procedure	5.4.3.3, table 5.3, item 91	o
c14701: IF A.117/2 THEN m ELSE i.			

A.4.3.4.5   Encryption control messages

Table A.148 indicates the change of status for the MAC layer Encryption control messages (Sending, PT to FT) in clause A.7.5.7 of EN 300 476-3 [7].

Table A.148: EN 300 476-3 [7], table A.73: Encryption control (Sending, PT to FT)

Item	MAC control (M_T) message - Encryption control	Reference	Status
1	Encryption start request	5.4.3.3, table 5.3, item 92	m
2	Encryption start confirm	5.4.3.3, table 5.3, item 93	n/a
3	Encryption start grant	5.4.3.3, table 5.3, item 94	m
4	Encryption stop request	5.4.3.3, table 5.3, item 95	c14801
5	Encryption stop confirm	5.4.3.3, table 5.3, item 96	n/a
6	Encryption stop grant	5.4.3.3, table 5.3, item 97	m
c14801: IF A.115/7 THEN m ELSE i.			

Table A.149 indicates the change of status for the MAC layer Encryption control messages (Receiving, FT to PT) in clause A.7.5.7 of EN 300 476-3 [7].

Table A.149: EN 300 476-3 [7], table A.74: Encryption control (Receiving, FT to PT)

Item	MAC control (M_T) message - Encryption control	Reference	Status
1	Encryption start request	5.4.3.3, table 5.3, item 92	m
2	Encryption start confirm	5.4.3.3, table 5.3, item 93	n/a
3	Encryption start grant	5.4.3.3, table 5.3, item 94	m
4	Encryption stop request	5.4.3.3, table 5.3, item 95	c14901
5	Encryption stop confirm	5.4.3.3, table 5.3, item 96	n/a
6	Encryption stop grant	5.4.3.3, table 5.3, item 97	m
c14901: IF A.115/7 THEN m ELSE i.			

A.4.3.5   B - field messages

Table A.150 indicates the change of status for the MAC layer B - field messages (Sending, PT to FT) in clause A.7.6.1 of EN 300 476-3 [7].

Table A.150: EN 300 476-3 [7], table A.77 B: - field messages (Sending, PT to FT)

Item	B - Field message	Reference	Status
1	X001 - Advanced connection control	5.4.3.7, table 5.8, item 20	o
2	X010 - Null message	5.4.3.7, table 5.8, item 20	o
3	X011 - Quality control	5.4.3.7, table 5.8, item 20	o
4	X100 - Extended system information	5.4.3.7, table 5.8, item 20	o
5	X101 - G_F channel data packet	5.4.3.7, table 5.8, item 20	o
6	X111 - B-field escape	5.4.3.7, table 5.8, item 20	o

Table A.151 indicates the change of status for the MAC layer B - field messages (Receiving, FT to PT) in clause A.7.6.1 of EN 300 476-3 [7].

Table A.151: EN 300 476-3 [7], table A.78: B - field messages (Receiving, FT to PT)

Item	B - Field messages	Reference	Status
1	X001 - Advanced connection control	5.4.3.7, table 5.8, item 20	o
2	X010 - Null message	5.4.3.7, table 5.8, item 20	o
3	X011 - Quality control	5.4.3.7, table 5.8, item 20	o
4	X100 - Extended system information	5.4.3.7, table 5.8, item 20	o
5	X101 - G_F channel data packet	5.4.3.7, table 5.8, item 20	o
6	X111 - B-field escape	5.4.3.7, table 5.8, item 20	o

A.4.4   MAC messages format and field value

A.4.4.1   A-field system information (Q_T) messages

A.4.4.1.1 Q_T - Static system information

Table A.152 indicates the change of status and the change of values for the MAC layer Q_T - Static system information (Receiving, FT to PT) in clause A.8.2.1 of EN 300 476-3 [7].

Table A.152: EN 300 476-3 [7], table A.89: Q_T - Static system information (Receiving, FT to PT)

Item	Q_T - Static system information	Reference	Status	Value Allowed
1	Q_T header	5.4.3.4, table 5.4	m	'000'B
2	Normal/reverse	5.4.3.4, table 5.4, item 1	m	'0'B
3	Slot number	5.4.3.4, table 5.4, item 2	m	'0000'B to '1011'B
4	Start position	5.4.3.4, table 5.4, item 3	m	'00'B
5	Escape bit	5.4.3.4, table 5.4, item 4	m	'0'B, '1'B
6	Number of transceivers	5.4.3.4, table 5.4, item 5	m	'00'B to '11'B
7	Extended RF carrier	5.4.3.4, table 5.4, item 6	m	'0'B, '1'B
8	RF carriers available	5.4.3.4, table 5.4, item 7	m	10 bits value
9	Spr 1	5.4.3.4, table 5.4, item 8	m	'00'B
10	Carrier number	5.4.3.4, table 5.4, item 9	m	'000000'B to '100000'B
11	Spr 2	5.4.3.4, table 5.4, item 10	m	'00'B
12	PSCN	5.4.3.4, table 5.4, item 11	m	'000000'B to '100000'B

A.4.4.1.2 Q_T - Fixed part capability

Table A.153 indicates the change of status and the change of values for the MAC layer Q_T - Fixed part capability (Receiving, FT to PT) in clause A.8.2.3 of EN 300 476-3 [7].

Table A.153: EN 300 476-3 [7], table A.91: Q_T - Fixed part capability (Receiving, FT to PT)

Item	Q_T - Fixed part capability	Reference	Status	Value Allowed
1	Q_T header	5.4.1	m	'0011'B
2	Extended FP info.	5.4.1	m	'1'B
3	Double duplex bearer connections	-	i	-
4	Reserved	-	i	-
5	Double slot	-	i	-
6	Half slot	-	i	-
7	Full slot	5.4.3.4, table 5.5, item 2	m	'1'B
8	Frequency control	-	i	-
9	Page repetition	-	i	-
10	Dummy bearer set-up	5.4.3.4, table 5.5, item 5	m	c15301
11	C/L uplink	-	i	-
12	C/L downlink	5.4.3.4, table 5.5, item 7	m	c15302
13	Basic A-field set-up	5.4.3.4, table 5.5, item 8	m	c15303
14	Adv. A-field set-up	-	i	-
15	B-field set-up	-	i	-
16	C_F messages	5.4.3.4, table 5.5, item 11	m	c15304
17	I_N minimum delay	-	i	-
18	I_N normal delay	-	i	-
19	I_P error detection	-	i	-
20	I_P error correction	-	i	-
21	Multibearer connection	-	i	-
22	Higher layer information/ a32	5.7, 13.6 [4]	m	'0'B, '1'B
23	Higher layer information/ a33	5.7, 13.6 [4]	m	'0'B, '1'B
24	Higher layer information/ a34 - a35	5.7, 13.6 [4]	i	-
25	Higher layer information/ a36	5.7, 13.6 [4]	m	'0'B, '1'B
26	Higher layer information/ a37	5.7, 13.6 [4]	m	'0'B, '1'B
27	Higher layer information/ a38	5.7, 13.6 [4]	m	'0'B, '1'B
28	Higher layer information/ a39	5.7, 13.6 [4]	i	-
29	Higher layer information/ a40	5.7, 13.6 [4]	m	'0'B, '1'B
30	Higher layer information/ a41	5.7, 13.6 [4]	i	-
31	Higher layer information/ a42	5.4.2	c15305	'1'B
32	Higher layer information/ a43	5.7, 13.6 [4]	i	-
33	Higher layer information/ a44	5.7, 13.6 [4]	m	'0'B, '1'B
34	Higher layer information/ a45	5.7, 13.6 [4]	i	-
35	Higher layer information/ a46	5.7, 13.6 [4]	m	'0'B, '1'B
c15301: IF B.11/2 THEN '0'B ELSE '0'B, '1'B.				
c15302: IF B.11/2 THEN '1'B ELSE '0'B, '1'B.				
c15303: IF B.11/1 THEN '1'B ELSE '0'B, '1'B.				
c15304: IF A.117/2 THEN '1'B ELSE '0'B, '1'B.				
c15305: IF B.11/2 THEN m ELSE i.				

A.4.4.1.3 Q_T - Extended fixed part capability

Table A.154 indicates the change of status and the change of values for the MAC layer Q_T - Extended fixed part capability (Receiving, FT to PT) in clause A.8.2.4 of EN 300 476-3 [7].

Table A.154: EN 300 476-3 [7], table A.91: Q_T - Extended fixed part capability (Receiving, FT to PT)

Item	Q_T - Extended fixed part capabilities	Reference	Status	Value Allowed
1	Q_T header	5.4.1	m	'0100'B
2	Wireless relay stations	-	i	-
3	Synchronization field	-	i	-
4	Frequency replacement field	-	i	-
5	Reserved Physical/MAC field/ a21 - a28	-	i	-
6	Extended Higher layer field/ a29 - a42	-	i	-
7	Extended Higher layer field/ a43	5.4.1	m	'1'B
8	Extended Higher layer field/ a44 - a49	-	i	-

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

To express the profile requirements of EN 300 757 [1], the clause A.5 and the clause B.5.4 of ETS 300 474-1 [9] shall apply.

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

To express the profile requirements of EN 300 757 [1], the clause B.5.1.4 of ETS 300 474-1 [9] shall apply.

Annex B (normative):
LRMS profile-specific ICS proforma for PT

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

B.1.1 Purposes and structure

The purpose of this profile-specific ICS proforma is to provide a mechanism whereby a supplier of an implementation of the Low Rate Messaging Service (LRMS) portable termination specific requirements of EN 300 757 may provide information about the implementation in a standardized manner.

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

- instructions for completing the ICS proforma;

- identification of the implementation;

- identification of the Low Rate Messaging Service (LRMS) of EN 300 757;

- ICS proforma tables:

    - global statement of conformance;

    - functional groups and procedures;

    - messages.

The ICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7.

Item column

The item column contains a number which identifies the item in the table.

Item description column

The item description column describes in free text each respective item (e.g. parameters, timers, etc.). It implicitly means "is <item description> supported by the implementation?".

Status column

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

m or M	mandatory - the capability is required to be supported;
o or O	optional - the capability may be supported or not (e.g. the capability is not allowed because the underlying DECT layers (service provider) cannot handle it or the requirement belongs to an application i.e. does not belong to the network layer);
n/a or N/A	not applicable - in the given context, it is impossible to use the capability;
x or X	prohibited (excluded) - there is a requirement not to use this capability in the given context;

o.i or O.i   qualified optional - for mutually exclusive or selectable options from a set. "i" is an integer which identifies a unique group of related optional items and the logic of their selection which is defined immediately following the table;

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

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

Reference column

The reference column gives reference to EN 300 757, except where explicitly stated otherwise.

Support column

The support column shall be filled in by the supplier of the implementation. The following common notations, defined in ISO/IEC 9646-7, are used for the support column:

Y or y   supported by the implementation;

N or n   not supported by the implementation;

N/A, n/a or;   no answer required (allowed only if the status is n/a, directly or after evaluation of a conditional status).

In each context, the kind of "non-support" which is implemented at the receipt may be additionally indicated such as:

- Err   the item is treated as a protocol error;

- lg   the item is received and ignored (i.e. processed syntactically, but not semantically);

- rj   the item is received and rejected.

NOTE: As stated in ISO/IEC 9646-7, support for a PDU requires the ability to parse all valid parameters of that PDU. Supporting a PDU while having no ability to parse a valid parameter is non-conformant. Support for a parameter on a PDU means that the semantics of that parameter are supported.

Values allowed column

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

Values supported column

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

Prerequisite line

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

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

B.1.2   Instructions for completing the profile-specific ICS

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

B.2   Identification of the implementation

B.2.1   Date of statement

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

Table B.1: Date of statement

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

B.2.2   Implementation Under Test (IUT) identification

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

Table B.2: IUT identification

IUT identification	
IUT name	
IUT version	

B.2.3   System Under Test (SUT) identification

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

Table B.3: SUT identification

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

B.2.4   Product supplier

Table B.4: Product supplier

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

B.2.5   Client identification

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

Table B.5: Client identification

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

B.2.6   Contact person identification

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

Table B.6: Contact person identification

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

B.3   Identification of the profile

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

Table B.7: Identification of the profile

Identification of profile	
Title of specification	Low Rate Messaging Service (LRMS)
Reference no.	EN 300 757
Date of Publication	

B.3.1   Defect report numbers and amendments implemented

The supplier of the implementation shall enter the reference number of implementation defect reports or corresponding amendment documents which modify the specification to EN 300 757, in table B.8.

Table B.8: Defect report and amendments number

Modification of specification	
Defect report no.	Amendment no.

B.3.2   Addenda implemented

The supplier of the implementation shall enter the titles and the reference number of implemented addenda to EN 300 757, in table B.9.

Table B.9: Addenda implemented

Addenda implemented	
Title	Reference no.

B.4   Global statement of conformance

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

Table B.10: Global statement of conformance

Global statement of conformance	
Are all mandatory capabilities implemented?	

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

B.5   LRMS statement of conformance

B.5.1   Service types

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

Table B.11: Service types

Item	Name of Service type	Reference	Status	Support
1	LRMS PTP	4.1	m	
2	LRMS PTM	4.1	o	

B.5.2 MMSP Entities

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

Table B.12: MMSP Entities

Item	Name of MMSP Entity	Reference	Status	Support
1	M-MMS	6.2.4.2.2	m	
2	C-MMS	6.2.4.2.3	m	

B.6 Capabilities

B.6.1 M-MMS profile-specific ICS proforma for PT

B.6.1.1 M-MMS procedures

The supplier of the implementation shall state the support of the implementation for all of the following M-MMS procedures, in table B.13.

Table B.13: M-MMS procedures

Item	Name of procedure	Reference	Status LRMS PTP	Status LRMS PTM	Support
1	MMS SEND	6.3.2.2	m	m	
2	MMS SEND-REQ	6.3.2.3	m	n/a	
3	MMS RETRIEVE	6.3.2.4	m	n/a	
4	MMS RETRIEVE-HDR	6.3.2.5	m	n/a	
5	MMS-EXT-CMD	6.3.2.6	m	m	
6	MMS-STATUS	6.3.2.7	m	m	
7	MMS-ESC-CMD	6.3.2.8	m	m	
8	Procedures for the use of the MMS-message identifier	6.3.2.9	m	m	
9	Multi-part message	6.3.2.10	m	m	
10	Unsupported MMS command and IE compatibility	6.3.2.11	m	m	

B.6.2 NWK layer profile-specific ICS proforma for PT

B.6.2.1 NWK layer segmentation rules for LRMS PTP

The supplier of the implementation shall state the support of the implementation for all of the following NWK layer segmentation rules for LRMS PTP, in table B.14.

Table B.14: NWK layer segmentation rules for LRMS PTP

Item	Name of procedure	Reference	Status	Support
1	Procedure at the sending side	A.3.1	m	
2	Procedure at the receiving side	A.3.2	m	

Annex C (normative):
SMS Requirement lists for PT

C.1   Profile Requirement List (profile RL)

The supplier of an implementation which is claimed to conform to the Short Message Service (SMS) of EN 300 757 [1] is required to:

- complete a copy of the Protocol Implementation Conformance Statement (PICS) proforma EN 300 476, parts 1 [5], 2 [6], 3 [7], 7 [8] with the replacements from annex C.

The profile RL is produced:

- in the case that a requirement of EN 300 757 [1] applies which is covered in annex A or annex B, by referencing to annex A or annex B;

- in the case that a requirement of EN 300 757 [1] applies which is not covered in annex A or annex B, by modifying tables from EN 300 476 parts 1 [5], 2 [6], 3 [7], 7 [8].

Thus the profile RL gives a detailed description of the different requirements between the Low Rate Messaging Service (LRMS) of EN 300 757 [1] and the Short Message Service (SMS) of EN 300 757 [1].

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

Status column

Identical to clause A.1.

Reference column

Identical to clause A.1.

Values allowed column

Identical to clause A.1.

C.2   LRMS - PT: profile Requirement List (profile RL)

To express the profile requirements of EN 300 757 [1], the clause B.5 and B.6 shall apply with the following modifications.

C.2.1   Service types

Table C.1 indicates the change of status for the LRMS Service types in clause B.5.1.1.

Table C.1: Change of table B.11: Service types

Item	Name of Service type	Reference	Status
1	LRMS PTP	7.6	m
2	LRMS PTM	-	n/a

C.2.2 M-MMS procedures

Table C.2 indicates the change of status for the M-MMS procedures in clause B.6.1.1.

Table C.2: Change of table B.13: M-MMS procedures

Item	Name of procedure	Reference	Status LRMS PTP	Status LRMS PTM
1	MMS SEND	7.5.1	m	n/a
2	MMS SEND-REQ	-	i	n/a
3	MMS RETRIEVE	-	i	n/a
4	MMS RETRIEVE-HDR	-	i	n/a
5	MMS-EXT-CMD	-	i	n/a
6	MMS-STATUS	-	i	n/a
7	MMS-ESC-CMD	-	i	n/a
8	Procedures for the use of the MMS-message identifier	-	i	n/a
9	Multi-part message	-	i	n/a
10	Unsupported MMS command and IE compatibility	-	i	n/a

C.3 NWK layer - PT: profile Requirement List (profile RL)

To express the profile requirements of EN 300 757 [1], the clause A.2 shall apply with the following modifications.

C.3.1 Major capabilities

C.3.1.1 CC features

Table C.3 indicates the change of status for the NWK layer CC features in clause A.5.1.2 of EN 300 476-1 [5].

Table C.3: EN 300 476-1 [5], table A.13: CC features

Item	Feature	Reference	Status
1	Bell off	-	i
2	Bell on	-	i
5	Dialled digits (basic)	-	i
9	Display control characters	-	i
13	Go to DTMF (infinite tone length)	-	i
14	Go to DTMF signalling (defined tone length)	-	i
15	Go to Pulse	-	i
17	Incoming call	-	i, note 1
18	Internal call	-	i
19	Off hook	-	i
21	Outgoing call	-	i, note 2
23	Partial release	7.3.9	o
24	Pause (dialling pause)	-	i
25	Register recall	-	i
26	Signalling of display characters	-	i
28	Service call	-	i
NOTE 1: This procedure is replaced by Incoming messaging call, see clause D.5.1.1.3, table D.12/2.			
NOTE 2: This procedure is replaced by Outgoing messaging call, see clause D.5.1.1.3, table D.12/1.			

C.3.1.2   SS features

Table C.4 indicates the change of status for the NWK layer SS features in clause A.5.1.4 of EN 300 476-1 [5].

Table C.4: EN 300 476-1 [5], table A.15: SS features

Item	Feature	Reference	Status
8	Calling Line Identification Presentation (CLIP)	-	i

C.3.1.3   CC procedures

Table C.5 indicates the change of status for the NWK layer CC procedures in clause A.5.1.7 of EN 300 476-1 [5].

Table C.5: EN 300 476-1 [5], table A.18: CC procedures

Item	Procedure	Reference	Status
1	cc_outgoing_normal_call_request	-	i
2	cc_outgoing_emergency_call_request	-	i
3	cc_outgoing_external_handover_request	7.3.9	i
5	cc_outgoing_connection_of_U_plane	-	i
6	cc_outgoing_overlap_sending	-	i
7	cc_outgoing_call_proceeding	-	i
8	cc_outgoing_call_confirmation	-	i
9	cc_outgoing_call_connection	-	i
10	cc_incoming_call_request	-	i
12	cc_incoming_connection_of_U_plane	-	i
15	cc_incoming_call_confirmation	-	i
16	cc_incoming_call_connection	-	i
17	cc_sending_terminal_capability	7.6.8	m
18	cc_sending_keypad_info	-	i
20	cc_normal_call_release	7.3.9	m
21	cc_partial_release	7.3.9	o
22	cc_abnormal_call_release	7.3.9	m
23	cc_release_collisions	-	i
24	cc_bandwidth_changes	-	i
25	cc_service_re-routing	-	i
26	cc_service_suspension_&_resumption	-	i
27	cc_packet_mode_pt_init_access	-	i
28	cc_packet_mode_ft_init_access	-	i
29	cc_packet_mode_c_plane_suspend_&_resume	-	i
30	cc_packet_mode_u_plane_suspend_&_resume	-	i
31	cc_timer_f_cc_02_mgt	-	i
32	cc_timer_f_cc_03_mgt	-	i
33	cc_timer_f_cc_04_mgt	-	i
34	cc_timer_f_cc_01_mgt	-	i
35	cc_internal_call_setup	-	i
36	cc_service_call_setup	-	i
37	cc_connection_reversal	-	i
38	cc_service_call_keypad	-	i
39	cc_internal_call_keypad	-	i
40	pt_alerting	-	i
41	display	-	i

C.3.1.4 SS protocols

Table C.6 indicates the change of status for the NWK layer SS protocols in clause A.5.1.7 of EN 300 476-1 [5].

Table C.6: EN 300 476-1 [5], table A.20: SS protocols

Item	Protocol	Reference	Status
1	crss_keypad_protocol	-	i

C.3.2 Messages

Table C.7 indicates the change of status for the NWK layer CC messages (Sending, PT to FT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.7: EN 300 476-1 [5], table A.25: CC messages (Sending, PT to FT)

Item	CC message (Sending, PT to FT)	Reference	Status
1	CC-SETUP	7.6.1, 7.6.4	m
2	CC-INFOrmation	-	i
5	CC-ALERTING	-	n/a
6	CC-CONNECT	7.6.1, 7.6.4	m
7	CC-CONNECT-ACKnowledge	-	n/a
8	CC-RELEASE	7.3.9	m
9	CC-RELEASE-COMplete	7.3.9, 7.6.2, 7.6.5	m
10	CC-SERVICE-CHANGE	-	n/a
11	CC-SERVICE-ACCEPT	-	n/a
12	CC-SERVICE-REJECT	-	n/a
13	CC-NOTIFY	-	n/a

Table C.8 indicates the change of status for the NWK layer CC messages (Receiving, FT to PT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.8: EN 300 476-1 [5], table A.26: CC messages (Receiving, FT to PT)

Item	CC message (Receiving, FT to PT)	Reference	Status
1	CC-SETUP	7.6.1, 7.6.4	m
2	CC-INFOrmation	-	i
5	CC-ALERTING	-	n/a
6	CC-CONNECT	7.6.1, 7.6.4	m
7	CC-CONNECT-ACKnowledge	7.6.4	m
8	CC-RELEASE	7.3.9	m
9	CC-RELEASE-COMplete	7.3.9, 7.6.2, 7.6.5	m
10	CC-SERVICE-CHANGE	-	n/a
11	CC-SERVICE-ACCEPT	-	n/a
12	CC-SERVICE-REJECT	-	n/a
13	CC-NOTIFY	-	n/a

Table C.9 indicates the change of status for the NWK layer CC-SETUP messages (Sending, PT to FT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.9: EN 300 476-1 [5], table A.27: CC-SETUP (Sending, PT to FT)

Item	CC-SETUP (Sending, PT to FT) Information element name	Reference	Status
4	NWK assigned identity	-	i
5	Basic service	7.6.2	m
6	IWU attributes	7.6.2	m
12	Connection attributes 1	7.6.2	m
23	Feature Indicate	-	i
37	Escape to proprietary	-	i

Table C.10 indicates the change of status for the NWK layer CC-SETUP messages (Receiving, FT to PT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.10: EN 300 476-1 [5], table A.28: CC-SETUP (Receiving, FT to PT)

Item	CC-SETUP (Receiving, FT to PT) Information element name	Reference	Status
4	NWK assigned identity	-	i
5	Basic service	7.6.2	m
6	IWU attributes	7.6.2	m
12	Connection attributes 1	7.6.2	m
19	Display	-	i
23	Feature Indicate	-	i
24	Network parameter	-	i
25	Ext h/o indicator	-	i
37	Escape to proprietary	-	i

Table C.11 indicates the change of status for the NWK layer CC-CONNECT messages (Sending, PT to FT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.11: EN 300 476-1 [5], table A.35: CC-CONNECT (Sending, PT to FT)

Item	CC-CONNECT (Sending, PT to FT) Information element name	Reference	Status
2	IWU attributes	-	i
4	Connection attributes	-	i
18	Escape to proprietary	-	i

Table C.12 indicates the change of status for the NWK layer CC-CONNECT messages (Receiving, FT to PT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.12: EN 300 476-1 [5], table A.36: CC-CONNECT (Receiving, FT to PT)

Item	CC-CONNECT (Receiving, FT to PT) Information element name	Reference	Status
2	IWU attributes	7.6.2	m
4	Connection attributes	7.6.2	m
8	Display	-	i
11	Network parameter	-	i
12	Ext h/o indicator	-	i
18	Escape to proprietary	-	i

Table C.13 indicates the change of status for the NWK layer CC-CONNECT-ACK messages (Sending, PT to FT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.13: EN 300 476-1 [5], table A.37: CC-CONNECT-ACK (Sending, PT to FT)

Item	CC-CONNECT-ACK (Sending, PT to FT) Information element name	Reference	Status
2	Display	-	i
18	Escape to proprietary	-	i

Table C.14 indicates the change of status for the NWK layer CC-CONNECT-ACK messages (Receiving, FT to PT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.14: EN 300 476-1 [5], table A.38: CC-CONNECT-ACK (Receiving, FT to PT)

Item	CC-CONNECT-ACK (Receiving, FT to PT) Information element name	Reference	Status
2	Display	-	i
18	Escape to proprietary	-	i

Table C.15 indicates the change of status for the NWK layer CC-RELEASE messages (Sending, PT to FT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.15: EN 300 476-1 [5], table A.39: CC-RELEASE (Sending, PT to FT)

Item	CC-RELEASE (Sending, PT to FT) Information element name	Reference	Status
2	Release reason	-	i
3	Facility	-	i
4	Progress indicator	-	i
7	IWU-to-IWU	-	i
8	IWU-PACKET	-	i
9	Escape to proprietary	-	i

Table C.16 indicates the change of status for the NWK layer CC-RELEASE messages (Sending, PT to FT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.16: EN 300 476-1 [5], table A.40: CC-RELEASE (Receiving, FT to PT)

Item	CC-RELEASE (Receiving, FT to PT) Information element name	Reference	Status
2	Release reason	-	i
3	Facility	-	i
4	Progress indicator	-	i
5	Display	-	i
6	Feature indicate	-	i
7	IWU-to-IWU	-	i
8	IWU-PACKET	-	i
9	Escape to proprietary	-	i

Table C.17 indicates the change of status for the NWK layer CC-RELEASE-COM messages (Sending, PT to FT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.17: EN 300 476-1 [5], table A.41: CC-RELEASE-COM (Sending, PT to FT)

Item	CC-RELEASE-COM (Sending, PT to FT) Information element name	Reference	Status
2	Release reason	7.6.2, 7.6.5	m
6	Facility	-	i
12	Escape to proprietary	-	i

Table C.18 indicates the change of status for the NWK layer CC-RELEASE-COM messages (Receiving, FT to PT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.18: EN 300 476-1 [5], table A.42: CC-RELEASE-COM (Receiving, FT to PT)

Item	CC-RELEASE-COM (Receiving, FT to PT) Information element name	Reference	Status
2	Release reason	7.6.2, 7.6.5	m
7	Display	-	i
12	Escape to proprietary	-	i

Table C.19 indicates the change of status for the NWK layer IWU-INFOrmation messages (Sending, PT to FT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.19: EN 300 476-1 [5], table A.41: IWU-INFOrmation (Sending, PT to FT)

Item	IWU-INFOrmation (Sending, PT to FT) Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2]	m
2	Portable identity	-	i
3	MMS Generic Header	7.6.7	m
4	MMS Object Header	-	i
5	MMS Extended Header	-	i
6	Time-Date	-	i
7	Calling party number	-	i
8	Called party number	-	i
9	Called party subaddress	-	i
10	Segmented info	-	i
11	Alphanumeric	-	i
12	IWU-to-IWU	-	i
13	IWU-PACKET	-	i
14	Escape to proprietary	-	i

Table C.20 indicates the change of status for the NWK layer IWU-INFOrmation messages (Receiving, FT to PT) in clause A.5.2.1 of EN 300 476-1 [5].

Table C.20: EN 300 476-1 [5], table A.41: IWU-INFOrmation (Receiving, FT to PT)

Item	IWU-INFOrmation (Sending, PT to FT) Information element name	Reference	Status
1	Message header	7.2 [2], 7.3 [2], 7.4.1 [2]	m
2	Portable identity	-	i
3	MMS Generic Header	7.6.7	m
4	MMS Object Header	7.6.7	m
5	MMS Extended Header	-	i
6	Time-Date	-	i
7	Calling party number	-	i
8	Called party number	-	i
9	Called party subaddress	-	i
10	Segmented info	7.6.7	m
11	Alphanumeric	-	i
12	IWU-to-IWU	7.6.7	m
13	IWU-PACKET	-	i
14	Escape to proprietary	-	i

C.3.3 Information elements

C.3.3.1 Fixed length information elements

Table C.21 indicates the change of status and the change of values for the NWK layer information element Release reason in clause A.5.3.1 of EN 300 476-1 [5].

Table C.21: EN 300 476-1 [5], table A.150: Release reason

Item	Release reason Name of field	Reference	Status	Value allowed
2	Release reason code	7.6.2, 7.6.5	m	'00000110'B

Table C.22 indicates the change of status and the change of values for the NWK layer information element Basic service - Message call setup in clause A.2.3.1.

Table C.22: Change of table A.25: Basic service - Message call setup

Item	Basic service - Message call setup Name of field	Reference	Status	Value allowed
3	Basic service	7.6.2, 7.6.5	m	'1111'B

C.3.3.2 Variable length information elements

Table C.23 indicates the change of status and the change of values for the NWK layer information element IWU attributes in clause A.2.3.2.

Table C.23: Change of table A.31: IWU attributes

Item	IWU attributes Name of field	Reference	Status	Value allowed
7	Negotiation indicator	7.6.2, 7.6.5	m	'1111'B

Table C.24 indicates the change of status and the change of values for the NWK layer information element Segmented info in clause A.2.3.2.

Table C.24: Change of table A.34 Segmented info

Item	Segmented info Name of field	Reference	Status	Value allowed
6	Segmented info-element type	7.6.7	m	'1110111'B

Table C.25 indicates the change of status and the change of values for the NWK layer information element Terminal capability in clause A.5.3.3 of EN 300 476-1 [5].

Table C.25: EN 300 476-1 [5], table A.307: Terminal capability

Item	Terminal capability Name of field	Reference	Status	Value allowed
23	Profile indicator_1	7.6.8	m	'xx1xx11'B

C.4 DLC layer - PT: profile Requirement List (profile RL)

To express the profile requirements of EN 300 757 [1], the clause A.3 shall apply with the following modifications.

C.4.1 Major capabilities

C.4.1.1 Services

Table C.26 indicates the change of status for the DLC layer C-plane services in clause A.3.1.1.

Table C.26: Change of table A.40: C-plane services

Item	C-plane service	Reference	Status
1	Class U service	-	i
2	Class A service	-	i
5	Class B service	7.1.4	c2601
c001: IF D.14/1 THEN m ELSE n/a.			

Table C.27 indicates the change of status for the DLC layer Management services in clause A.3.1.1.

Table C.27: Change of table A.41: Management services

Item	Management service	Reference	Status
4	Connection handover management	-	i

C.4.1.2   Procedures

C.4.1.2.1   Generic signalling procedures

Table C.28 indicates the change of status for the DLC layer Class U procedures in clause A.3.1.2.2.

Table C.28: Change of table A.43: Class U procedures

Item	Class U procedure	Reference	Status
1	Class U link establishment	-	i
2	Class U information transfer	-	i
3	Class U link release	-	i

C.4.1.2.2   Class A procedures

Table C.29 indicates the change of status for the DLC layer Class A procedures in clause A.3.1.2.3.

Table C.29: Change of table A.44: Class A procedures

Item	Class A procedure	Reference	Status
1	Class A link establishment	-	i
2	Class A acknowledged information transfer	-	i
3	Class A link release	-	i
4	Class A link re-establishment	-	i
5	Class A connection handover	-	i

C.4.1.2.3   Class B procedures

Table C.30 indicates the change of status for the DLC layer Class B procedures in clause A.3.1.2.3.

Table C.30: Change of table A.45: Class B procedures

Item	Class B procedure	Reference	Status
1	Class B multiple frame establishment	-	i, note 1
2	Class B information transfer	-	i
3	Class B link release	-	i, note 2
4	Class B link suspension and resumption	-	i, note 3
5	Class B connection handover	-	i
NOTE 1: This procedure is replaced by the procedure D.15/.2.			
NOTE 2: This procedure is replaced by the procedure D.15/.3.			
NOTE 3: This procedure is replaced by the procedure D.15/.4.			

C.4.1.2.4   Broadcast procedures

Table C.31 indicates the change of status for the DLC layer Broadcast procedures in clause A.3.1.2.5.

Table C.31: Change of table A.46: Broadcast procedures

Item	Broadcast procedure	Reference	Status
2	Expedited operation	-	i

C.4.1.2.5   Management procedures

Table C.32 indicates the change of status for the DLC layer Management procedures in clause A.3.1.2.6.

Table C.32: Change of table A.47: Management procedures

Item	Management procedure	Reference	Status
4	Connection handover management	-	i

C.4.2   Protocol parameters

C.4.2.1   C-plane timers

Table C.33 indicates the change of status for the DLC layer C-plane timers in clause A.3.2.1.

Table C.33: Change of table A.51: C-plane timers

Item	C-plane timer	Reference	Status
7	DL.05	-	i
8	DL.06	-	i
9	DL.07	-	i

C.4.3   Protocol PDUs

C.4.3.1   C-plane PDUs

C.4.3.1.1   C-plane frame structure

Table C.34 indicates the change of status for the DLC layer Frame structure (Sending, PT to FT) in clause A.3.3.1.1.

Table C.34: Change of table A.52: Frame structure (Sending, PT to FT)

Item	Frame structure (Sending, PT to FT)	Reference	Status
2	Broadcast service frame structure	-	i

Table C.35 indicates the change of status for the DLC layer Frame structure (Receiving, FT to PT) in clause A.3.3.1.1.

Table C.35: Change of table A.53: Frame structure (Receiving, FT to PT)

Item	Frame structure (Receiving, FT to PT)	Reference	Status
2	Broadcast service frame structure	-	i

Table C.36 indicates the change of status for the DLC layer Broadcast service frame structure (Receiving, FT to PT) in clause A.3.3.1.1.

Table C.36: Change of table A.56: Broadcast service frame structure (Receiving, FT to PT)

Item	Frame element (Receiving, FT to PT)	Reference	Status
1	Short frame format (3 octets)	-	i
2	Long frame format (5 octets)	-	i

C.4.3.1.2   C-plane messages

C.4.3.1.3   Class B I-command

Table C.37 indicates the change of status and the change of values for the DLC layer Class B I-command Control field (Sending, PT to FT) in clause A.3.3.1.2.1.

Table C.37: Change of table A.61: Class B I-command Control field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
2	N(S)	7.7.1, 7.7.2	m	c3701
3	P	7.7.1, 7.7.2	m	c3702
4	N(R)	7.7.1, 7.7.2	m	c3701
c3701: IF D.15/.1 THEN '000'B ELSE IF D.15/.2 THEN '000'B - '111'B ELSE n/a. c3702: IF D.15/.1 THEN '1'B ELSE IF D.15/.2 THEN '0'B, '1'B ELSE n/a.				

Table C.38 indicates the change of status and the change of values for the DLC layer Class B I-command Control field (Receiving, FT to PT) in clause A.3.3.1.2.1.

Table C.38: Change of table A.62: Class B I-command Control field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
2	N(S)	7.7.1, 7.7.2	m	c3801
3	P	7.7.1, 7.7.2	m	c3802
4	N(R)	7.7.1, 7.7.2	m	c3801
c3801: IF D.15/.1 THEN '000'B ELSE IF D.15/.2 THEN '000'B - '111'B ELSE n/a. c3802: IF D.15/.1 THEN '1'B ELSE IF D.15/.2 THEN '0'B, '1'B ELSE n/a.				

Table C.39 indicates the change of status and the change of values for the DLC layer Class B I-command Address field (Sending, PT to FT) in clause A.3.3.1.2.1.

Table C.39: Change of table A.63: Class B I-command Address field (Sending, PT to FT)

Item	Name of sub-field	Ref.	Status	Value Allowed
4	LLN	7.7.1, 7.7.2	m	c3901
5	NLF	7.7.1, 7.7.2	m	c3902
c3901: IF D.15/.1 THEN '010'B - '111'B ELSE IF D.15/.2 THEN '000'B - '110'B ELSE n/a. c3902: IF D.15/.1 THEN '1'B ELSE IF D.15/.2 THEN '0'B ELSE n/a.				

Table C.40 indicates the change of status and the change of values for the DLC layer Class B I-command Address field (Receiving, FT to PT) in clause A.3.3.1.2.1.

Table C.40: Change of table A.64: Class B I-command Address field (Receiving, FT to PT)

Item	Name of sub-field	Ref.	Status	Value Allowed
4	LLN	7.7.1, 7.7.2	m	c4001
5	NLF	7.7.1, 7.7.2	m	c4002

c4001: IF D.15/.1 THEN '010'B - '111'B
    ELSE IF D.15/.2 THEN '000'B - '110'B
    ELSE n/a.
c4002: IF D.15/.1 THEN '1'B
    ELSE IF D.15/.2 THEN '0'B
    ELSE n/a.				

C.4.3.1.4   Class B RR-command/response

Table C.41 indicates the change of status and the change of values for the DLC layer Class B RR Control field (Sending, PT to FT) in clause A.3.3.1.2.2.

Table C.41: Change of table A.67 Class B RR Control field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	N(R)	7.7.1, 7.7.2	m	c4101

c4101: IF D.15/.1 THEN '001'B
    ELSE IF D.15/.2 THEN '000'B - '111'B
    ELSE n/a.				

Table C.42 indicates the change of status and the change of values for the DLC layer Class B RR Control field (Receiving, FT to PT) in clause A.3.3.1.2.2.

Table C.42: Change of table A.68: Class B RR Control field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	N(R)	7.7.1, 7.7.2	m	c4201

c4201: IF D.15/.1 THEN '001'B
    ELSE IF D.15/.2 THEN '000'B - '111'B
    ELSE n/a.				

Table C.43 indicates the change of status and the change of values for the DLC layer Class B RR Address field (Sending, PT to FT) in clause A.3.3.1.2.2.

Table C.43: Change of table A.69: Class B RR Address field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.1, 7.7.2	m	c4301
5	NLF	7.7.1, 7.7.2	m	c4302

c4301: IF D.15/.1 THEN '001'B - '011'B
    ELSE IF D.15/.2 THEN '010'B - '110'B
    ELSE n/a.
c4302: IF D.15/.1 THEN '1'B
    ELSE IF D.15/.2 THEN '0'B
    ELSE n/a.				

Table C.44 indicates the change of status and the change of values for the DLC layer Class B RR Address field (Receiving, FT to PT) in clause A.3.3.1.2.2.

Table C.44: Change of table A.70: Class B RR Address field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.1, 7.7.2	m	c4401
5	NLF	7.7.1, 7.7.2	m	c4402
c4401: IF D.15/.1 THEN '001'B - '011'B ELSE IF D.15/.2 THEN '010'B - '110'B ELSE n/a. c4402: IF D.15/.1 THEN '1'B ELSE IF D.15/.2 THEN '0'B ELSE n/a.				

C.4.3.1.5   Class B RNR-command/response

Table C.45 indicates the change of status and the change of values for the DLC layer Class B RNR Address field (Sending, PT to FT) in clause A.3.3.1.2.3.

Table C.45: Change of table A.75: Class B RNR Address field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
5	NLF	7.7.2	m	'0'B

Table C.46 indicates the change of status and the change of values for the DLC layer Class B RNR Address field (Receiving, FT to PT) in clause A.3.3.1.2.3.

Table C.46: Change of table A.76: Class B RNR Address field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
5	NLF	7.7.2	m	'0'B

C.4.3.1.6   Class B REJ-command/response

Table C.47 indicates the change of status and the change of values for the DLC layer Class B REJ Address field (Sending, PT to FT) in clause A.3.3.1.2.4.

Table C.47: Change of table A.81: Class B REJ Address field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.2	m	'010'B - '110'B
5	NLF	7.7.2	m	'0'B

Table C.48 indicates the change of status and the change of values for the DLC layer Class B REJ Address field (Receiving, FT to PT) in clause A.3.3.1.2.4.

Table C.48: Change of table A.82: Class B REJ Address field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.2	m	'010'B - '110'B
5	NLF	7.7.2	m	'0'B

C.4.3.1.7 Class B SABM-command/response

Table C.49 indicates the change of status and the change of values for the DLC layer Class B SABM Address field (Sending, PT to FT) in clause A.3.3.1.2.5.

Table C.49: Change of table A.87: Class B SABM Address field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.5	m	'010'B - '110'B
5	NLF	7.7.5	m	'1'B

Table C.50 indicates the change of status and the change of values for the DLC layer Class B SABM Address field (Receiving, FT to PT) in clause A.3.3.1.2.5.

Table C.50: Change of table A.88: Class B SABM Address field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.5	m	'010'B - '110'B
5	NLF	7.7.5	m	'1'B

C.4.3.1.8 Class B DM-command/response

Table C.51 indicates the change of status and the change of values for the DLC layer Class B DM Control field (Sending, PT to FT) in clause A.3.3.1.2.6.

Table C.51: Change of table A.91: Class B DM Control field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
3	F	7.7.3, 7.7.5	m	'1'B

Table C.52 indicates the change of status and the change of values for the DLC layer Class B DM Control field (Receiving, FT to PT) in clause A.3.3.1.2.6.

Table C.52: Change of table A.92: Class B DM Control field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
3	F	7.7.3, 7.7.5	m	'1'B

Table C.53 indicates the change of status and the change of values for the DLC layer Class B DM Address field (Sending, PT to FT) in clause A.3.3.1.2.6.

Table C.53: Change of table A.93: Class B DM Address field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.3, 7.7.5	m	'010'B - '110'B
5	NLF	7.7.3, 7.7.5	m	'1'B

Table C.54 indicates the change of status and the change of values for the DLC layer Class B DM Address field (Receiving, FT to PT) in clause A.3.3.1.2.6.

Table C.54: Change of table A.94: Class B DM Address field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.3, 7.7.5	m	'010'B - '110'B
5	NLF	7.7.3, 7.7.5	m	'1'B

C.4.3.1.9   Class B DISC-command/response

Table C.55 indicates the change of status and the change of values for the DLC layer Class B DISC Control field (Sending, PT to FT) in clause A.3.3.1.2.7.

Table C.55: Change of table A.97: Class B DISC Control field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
3	P	7.7.3	m	'1'B

Table C.56 indicates the change of status and the change of values for the DLC layer Class B DISC Control field (Receiving, FT to PT) in clause A.3.3.1.2.7.

Table C.56: Change of table A.98: Class B DISC Control field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
3	P	7.7.3	m	'1'B

Table C.57 indicates the change of status and the change of values for the DLC layer Class B DISC Address field (Sending, PT to FT) in clause A.3.3.1.2.7.

Table C.57: Change of table A.99 Class B DISC Address field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.3	m	'010'B - '110'B
5	NLF	7.7.3	m	'1'B

Table C.58 indicates the change of status and the change of values for the DLC layer Class B DISC Address field (Receiving, FT to PT) in clause A.3.3.1.2.7.

Table C.58: Change of table A.100: Class B DISC Address field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.3	m	'010'B - '110'B
5	NLF	7.7.3	m	'1'B

C.4.3.1.10   Class B UA-command/response

Table C.59 indicates the change of status and the change of values for the DLC layer Class B UA Control field (Sending, PT to FT) in clause A.3.3.1.2.8.

Table C.59: Change of table A.103: Class B UA Control field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
3	F	7.7.3, 7.7.5	m	'1'B

Table C.60 indicates the change of status and the change of values for the DLC layer Class B UA Control field (Receiving, FT to PT) in clause A.3.3.1.2.8.

Table C.60: Change of table A.104: Class B UA Control field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
3	F	7.7.3, 7.7.5	m	'1'B

Table C.61 indicates the change of status and the change of values for the DLC layer Class B UA Address field (Sending, PT to FT) in clause A.3.3.1.2.8.

Table C.61: Change of table A.105: Class B UA Address field (Sending, PT to FT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.3, 7.7.5	m	'010'B - '110'B
5	NLF	7.7.3, 7.7.5	m	'1'B

Table C.62 indicates the change of status and the change of values for the DLC layer Class B UA Address field (Receiving, FT to PT) in clause A.3.3.1.2.8.

Table C.62: Change of table A.106: Class B UA Address field (Receiving, FT to PT)

Item	Name of sub-field	Reference	Status	Value Allowed
4	LLN	7.7.3, 7.7.5	m	'010'B - '110'B
5	NLF	7.7.3, 7.7.5	m	'1'B

C.5   Management entity - PT: profile Requirement List (profile RL)

To express the profile requirements of EN 300 757 [1], the clause A.6 shall apply.

Annex D (normative):
SMS profile-specific ICS proforma for PT

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

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

D.1.1 Purposes and structure

The purpose of this profile-specific ICS proforma is to provide a mechanism whereby a supplier of an implementation of the Short Message Service (SMS) portable termination specific requirements of EN 300 757 may provide information about the implementation in a standardized manner.

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

- instructions for completing the ICS proforma;

- identification of the implementation;

- identification of the Short Message Service (SMS) of EN 300 757;

- ICS proforma tables:

    - global statement of conformance;

    - functional groups and procedures.

The ICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7.

Item column

Identical to clause B.1.1.

Item description column

Identical to clause B.1.1.

Status column

Identical to clause B.1.1.

Reference column

Identical to clause B.1.1.

Support column

Identical to clause B.1.1.

Values allowed column

Identical to clause B.1.1.

Values supported column

Identical to clause B.1.1.

Prerequisite line

Identical to clause B.1.1.

D.1.2   Instructions for completing the profile-specific ICS

Identical to clause B.1.2.

D.2   Identification of the implementation

D.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 D.1: Date of statement

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

D.2.2   Implementation Under Test (IUT) identification

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

Table D.2: IUT identification

IUT identification	
IUT name	
IUT version	

D.2.3   System Under Test (SUT) identification

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

Table D.3: SUT identification

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

D.2.4   Product supplier

Table D.4: Product supplier

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

D.2.5   Client identification

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

Table D.5: Client identification

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

D.2.6   Contact person identification

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

Table D.6: Contact person identification

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

D.3   Identification of the profile

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

Table D.7: Identification of the profile

Identification of profile	
Title of specification	Short Message Service (SMS)
Reference no.	EN 300 757
Date of Publication	

D.3.1   Defect report numbers and amendments implemented

The supplier of the implementation shall enter the reference number of implementation defect reports or corresponding amendment documents which modify the specification to EN 300 757, in table D.8.

Table D.8: Defect report and amendments number

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

D.3.2   Addenda implemented

The supplier of the implementation shall enter the titles and the reference number of implemented addenda to EN 300 757 [1], in table D.9.

Table D.9: Addenda implemented

Addenda implemented	
Title	**Reference no.**

D.4   Global statement of conformance

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

Table D.10: Global statement of conformance

Global statement of conformance	
Are all mandatory capabilities implemented?	

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

D.5 Capabilities

D.5.1 MMSP profile-specific ICS proforma for PT

D.5.1.1 M-MMS features

The supplier of the implementation shall state the support of the implementation for all of the following MMS features, in table D.11.

Table D.11: M-MMS features

Item	Name of feature	Reference	Status	Support
1	Outgoing message transfer	7.3.8	m	
2	Incoming message transfer	7.3.8	m	

D.5.2 NWK layer profile-specific ICS proforma for PT

D.5.2.1 NWK features

The supplier of the implementation shall state the support of the implementation for all of the following NWK features, in table D.12.

Table D.12: NWK features

Item	Name of feature	Reference	Status	Support
1	Outgoing messaging call	7.3.9	m	
2	Incoming messaging call	7.3.9	m	

D.5.2.2 NWK procedures

The supplier of the implementation shall state the support of the implementation for all of the following NWK procedures, in table D.13.

Table D.13: NWK procedures

Prerequisite: D.12/1 OR D.12/2				
Item	Name of procedure	Reference	Status	Support
1	Outgoing messaging call request	7.3.9	n/a	
2	Outgoing messaging call connect	7.3.9	m	
3	Message transfer	7.3.9	m	
4	Incoming messaging call request	7.3.9	n/a	
5	Incoming messaging call connect	7.3.9	m	

D.5.3   DLC layer profile-specific ICS proforma for PT

D.5.3.1   DLC features

The supplier of the implementation shall state the support of the implementation for all of the following DLC features, in table D.14.

Table D.14: DLC features

Item	Name of feature	Reference	Status	Support
1	LAPC class B service and Lc	7.3.10	o	

D.5.3.2   DLC procedures

The supplier of the implementation shall state the support of the implementation for all of the following DLC procedures, in table D.15.

Table D.15: DLC procedures

Prerequisite: D.14/1				
Item	Name of procedure	Reference	Status	Support
1	Class B link establishment	7.3.10	c1501	
2	Class B multi frame operation	7.3.10	c1501	
3	Class B link release	7.3.10	c1501	
4	Class B link suspension and resumption	7.3.10	c1501	
5	Class B link re-establishment	7.3.10	c1501	
c1501: IF D.14/1 THEN m ELSE n/a.				

D.5.4   Application profile-specific ICS proforma for PT

D.5.4.1   Application features

The supplier of the implementation shall state the support of the implementation for all of the following Application features, in table D.16.

Table D.16: Application features

Item	Name of feature	Reference	Status	Support
1	Incoming message storage	7.3.7	n/a	
2	Message interworking	7.3.7	m	

D.5.4.2   Application procedures

The supplier of the implementation shall state the support of the implementation for all of the following Application procedures, in table D.17.

Table D.17: Application procedures

Prerequisite: D.16/1 OR D.16/2				
Item	Name of procedure	Reference	Status	Support
1	Incoming message storage	7.3.7	n/a	
2	Message encapsulation	7.3.7	m	
3	General interworking requirements	7.3.7	m	
4	Message/primitive interworking	7.3.7	m	

Annex E (informative):
Bibliography

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

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

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

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

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

History

Document history		
V1.1.1	June 2001	Publication