Draft **EN 301 067-2** V1.1.1 (1997-12)

European Standard (Telecommunications series)

Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connection characteristics; Negotiation during call/connection establishment phase; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

ETSI

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Contents

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Signalling Protocols and Switching (SPS), and is now submitted for the Public Enquiry phase of the ETSI standards Two-step Approval Procedure (TAP).

The present document is part 2 of a multi-part standard covering the Digital Subscriber Signalling System No. two (DSS2) protocol specification for the Broadband Integrated Services Digital Network (B-ISDN) connection negotiation during call/connection establishment phase, as described below:

   Part 1:   "Protocol specification";

   Part 2:   "Protocol Implementation Conformance Statement (PICS) proforma specification";

   Part 3:   "Test Suite Structure and Test Purposes (TSS&TP) specification for the user";

   Part 4:   "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user";

   Part 5:   "TSS&TP specification for the network";

   Part 6:   "ATS and partial PIXIT proforma specification for the network".

To evaluate conformance of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented for a given Open Systems Interconnection (OSI) protocol. Such a statement is called a Protocol Implementation Conformance Statement (PICS).

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

1   Scope

This second part of EN 301 067 provides the Protocol Implementation Conformance Statement (PICS) proforma for the connection characteristics negotiation during call/connection establishment phase for the Broadband Integrated Services Digital Network (B-ISDN) by means of the Digital Subscriber Signalling System No. two (DSS2) protocol as specified in EN 301 067-1 [3] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [5].

The supplier of a protocol implementation which is claimed to conform to EN 301 067-1 [3] is required to complete a copy of the PICS proforma provided in annex A of the present document and is required to provide the information necessary to identify both the supplier and the implementation.

2   References

References may be made to:

    a) specific versions of publications (identified by date of publication, edition number, version number, etc.), in which case, subsequent revisions to the referenced document do not apply; or

    b) all versions up to and including the identified version (identified by "up to and including" before the version identity); or

    c) all versions subsequent to and including the identified version (identified by "onwards" following the version identity); or

    d) publications without mention of a specific version, in which case the latest version applies.

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

2.1   Normative references

[1]   EN 300 443-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol, B-ISDN user-network interface layer 3 specification for basic call/bearer control; Part 1: Protocol specification [ITU-T Recommendation Q.2931 (1995), modified]".

[2]   ETS 300 443-2: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; B-ISDN user-network interface layer 3 specification for basic call/bearer control; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[3]   EN 301 067-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connection characteristics; Negotiation during call/connection establishment phase; Part 1: Protocol specification [ITU-T Recommendation Q.2962 (1996), modified]".

2.2   Informative references

[4]   ISO/IEC 9646-1: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 1: General concepts".

[5]   ISO/IEC 9646-7: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".

3   Definitions, symbols and abbreviations

3.1   Definitions

For the purposes of the present document, the following definitions apply, in addition to those given in
EN 301 067-1 [3]:

Protocol Implementation Conformance Statement (PICS): A statement made by the supplier of an Open Systems
Interconnection (OSI) implementation or system, stating which capabilities have been implemented for a given OSI
protocol (see ISO/IEC 9646-1 [4]).

PICS proforma: A document, in the form of a questionnaire, designed by the protocol specifier or conformance test
suite specifier, which, when completed for an OSI implementation or system becomes the PICS (see
ISO/IEC 9646-1 [4]).

static conformance review: A review of the extent to which the static conformance requirements are met by the
Implementation Under Test (IUT), accomplished by comparing the PICS with the static conformance requirements
expressed in the relevant standard(s) (see ISO/IEC 9646-1 [4]).

3.2   Symbols

For the purposes of the present document, the following symbols apply:

AND	Boolean "and"
C	Conditional requirement (to be observed if the relevant conditions apply)
M	Mandatory requirement (to be observed in all cases)
N/A	Not applicable, not supported or the conditions for status are not meet
No	not supported
NOT	Boolean "not"
O	Option (may be selected to suit the implementation, provided that any requirements applicable to the option are observed)
O.n	Options, but support required for either at least one or only one of the options in the group labelled with the same numeral "n"
OR	Boolean "or"
Yes	supported

3.3   Abbreviations

For the purposes of the present document, the following abbreviations apply:

B-ISDN	Broadband Integrated Services Digital Network
DSS2	Digital Subscriber Signalling System No. two
IE	Information Elements
IUT	Implementation Under Test
MC	Major Capabilities
MR	Messages Received
MT	Messages Transmitted
OSI	Open Systems Interconnection
P	Parameters
PICS	Protocol Implementation Conformance Statement
R	Role
SC	Subsidiary Capabilities
SCS	System Conformance Statement
SUT	System Under Test
TI	Type of Implementation

4   Conformance

A PICS proforma which conforms to this PICS proforma specification shall be technically equivalent to annex A, and shall preserve the numbering and ordering of the items in annex A.

A PICS which conforms to this PICS proforma specification shall:

   a) describe an implementation which claims to conform to EN 301 067-1 [3];

   b) be a conforming ICS proforma which has been completed in accordance with the instructions for completion given in annex A, clause A.1;

   c) include the information necessary to uniquely identify both the supplier and the implementation.

Annex A (normative):
PICS proforma for EN 301 067-1

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

A.1 Instructions for completing the PICS proforma

A.1.1 Identification of the implementation

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

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

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

The System Conformance Statement (SCS) as defined in ISO/IEC 9646-1 [4] is a document supplied by the client or product supplier that summarizes which OSI standards are implemented and to which conformance is claimed. The PICS/SCS clause should describe the relationship of the PICS to the SCS.

A.1.2 Global statement of conformance

If the answer to the statement in this subclause is "Yes", all subsequent subclauses should be completed to facilitate selection of test cases for optional functions.

If the answer to the statement in this subclause is "No", all subsequent subclauses should be completed, and all non-supported mandatory capabilities should be identified and explained. Explanations may be entered in the comments field at the bottom of each table or on attached pages.

A.1.3 Explanation of PICS proforma subclauses

The PICS proforma contains a Roles clause and thereafter is presented in two parts (for user and network) with the following subclauses, as required:

- major capabilities;

- subsidiary capabilities;

- protocol data unit support;

- protocol data unit parameters;

- timers;

- call states.

The User clause shall only be completed for user implementations (including private network implementations) while the Network clause shall only be completed for network implementations. The Roles subclause shall be completed for all implementations.

The relationship between this PICS proforma and other related PICS proforma (e.g. the basic call PICS proforma) is expressed in the requirements list contained in annex B. This provides the additional restrictions placed on the related proforma (different conditions, different status, etc.).

A.1.4   Symbols, abbreviations and terms

The PICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7 [5].

The reference column contained in the tables gives reference to the appropriate part(s) of EN 301 067-1 [3] describing the particular item. Note, however, that a reference merely indicates the place where the core of a description of an item can be found. Any additional information contained in EN 301 067-1 [3] has to be taken into account when making a statement about the conformance of that particular item.

The following common notations, defined in ISO/IEC 9646-7 [5] are used for the status column:

M	mandatory
O	optional
N/A	not applicable
O.<integer>	for mutually exclusive or selectable options from a set

The following common notations, defined in ISO/IEC 9646-7 [5], are used for the support column:

Y	for supported/implemented
N	for not supported/not implemented

A.2   Identification of the implementation

A.2.1   Date of the statement

....

A.2.2   Implementation Under Test (IUT) identification

IUT name:

....

....

IUT version:

....

A.2.3   System Under Test (SUT) identification

SUT name:

....

....

Hardware configuration:

....

....

....

Operating system:

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....

A.2.4   Product supplier

Name:

....

Address:

....

....

....

Telephone number:

....

Facsimile number:

....

Additional information:

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A.2.5   Client

Name:

....

Address:

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Telephone number:

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Facsimile number:

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Additional information:

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A.2.6   PICS contact person

Name:

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Address:

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Telephone number:

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Facsimile number:

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Additional information:

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A.3   PICS/SCS relationship

Provide the relationship of the PICS with the SCS for the system:

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....

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....

A.4   Identification of the protocol

This PICS proforma applies to the following standard:

EN 301 067-1 (V1.1.1): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connection characteristics; Negotiation during call/connection establishment phase; Part 1: Protocol specification [ITU-T Recommendation Q.2962 (1996), modified]".

A.5   Global statement of conformance

Are all mandatory capabilities implemented? (Yes/No)   ....

NOTE: Answering "No" to this question indicates non-conformance to the protocol specification. Non-supported mandatory capabilities are to be identified in the PICS, with an explanation of why the implementation is non-conforming. Explanations may be entered in the comments field at the bottom of each table or on attached pages.

A.6   Roles

Table A.1: Roles

Item	Major role: Does the implementation...	Conditions for status	Status	Reference	Support
	Type of implementation				
R 1	not used				
R 2.1	support user requirements?		O.1	9, 10	[ ]Yes [ ]No
R 2.2	support network requirements?		O.1	9, 10	[ ]Yes [ ]No
R 3.1	support requirements at the coincident S_B and T_B reference point?		O.2	9	[ ]Yes [ ]No
R 3.2	support requirements for the interworking with private networks at the T_B reference point?		O.2	10	[ ]Yes [ ]No
R 4.1	support user requirements at the interface of the calling user?	R 2.1 NOT R 2.1	O.3 N/A	9, 10	[ ]Yes [ ]No [ ]N/A
R 4.2	support user requirements at the interface of the called user?	R 2.1 NOT R 2.1	O.3 N/A	9, 10	[ ]Yes [ ]No [ ]N/A
R 4.3	support network requirements at the interface of the calling user?	R 2.2 NOT R 2.2	M N/A	9, 10	[ ]Yes [ ]No [ ]N/A
R 4.4	support network requirements at the interface of the called user?	R 2.2 NOT R 2.2	M N/A	9, 10	[ ]Yes [ ]No [ ]N/A
O.1	Support of one and only one of these options is required				
O.2	Support of one and only one of these options is required.				
O.3	Support of at least one of these options is required.				
Comments:					

A.7 User

The tables provided in this clause need only to be completed for user implementations, where item R 2.1 in table A.1 is supported.

A.7.1 Major capabilities

Table A.2: Major capabilities - user

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MCu 1	negotiation of alternative ATM traffic descriptor values?	R 4.1 R 4.2	O.1 M	9.1.1, 9.2.2.2	[ ]Yes [ ]No [ ]Yes [ ]No
MCu 2	negotiation of minimum acceptable ATM traffic descriptor values?	R 4.1 R 4.2	O.1 M	9.1.1, 9.2.2.1	[ ]Yes [ ]No [ ]Yes [ ]No
O.1: Support of at least one of these options is required.					
Comments:					

A.7.2 Subsidiary capabilities

No items requiring response.

A.7.3 Protocol data units

No items requiring response.

A.7.4 Protocol data unit parameters

Table A.3: Information elements in CONNECT received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu3- IE12	ATM traffic descriptor	R 4.1 NOT R 4.1	M N/A	9.1.3, 10	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.4: Information elements in SETUP received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu12-P1	Alternative ATM traffic descriptor	R 4.2 NOT R 4.2	M N/A	9.2.2.2, 10	[ ]Yes [ ]No [ ]N/A
MRu12-P2	Minimum acceptable ATM traffic descriptor	R 4.2 NOT R 4.2	M N/A	9.2.2.1, 10	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.5: Information elements in CONNECT transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu3- IE12	ATM traffic descriptor	R 4.2 NOT R 4.2	M N/A	9.2.3, 10	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.6: Information elements in SETUP transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu12-P1	Alternative ATM traffic descriptor	MCu 1 NOT MCu 1	O.1 N/A	9.1.1, 10	[ ]Yes [ ]No [ ]N/A
MTu12-P2	Minimum acceptable ATM traffic descriptor	MCu 2 NOT MCu 2	O.1 N/A	9.1.1, 10	[ ]Yes [ ]No [ ]N/A
O.1: Support of at least one of these options is required.					
Comments:					

A.7.5   Structure of Protocol Data Unit Parameters

Table A.7: Alternative ATM traffic descriptor information element contents

Item	Does the implementation support the information element field	Conditions for status	Status	Reference	Support
Pu1.1	Forward peak cell rate (CLP = 0)	MCu1 NOT MCu1	O N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.2	Backward peak cell rate (CLP = 0)	MCu1 NOT MCu1	O N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.3	Forward peak cell rate (CLP = 0+1)	MCu1 NOT MCu1	M N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.4	Backward peak cell rate (CLP = 0+1)	MCu1 NOT MCu1	M N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.5	Forward sustainable cell rate (CLP = 0)	MCu1 NOT MCu1	O N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.6	Backward sustainable cell rate (CLP = 0)	MCu1 NOT MCu1	O N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.7	Forward sustainable cell rate (CLP = 0+1)	MCu1 NOT MCu1	O N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.8	Backward sustainable cell rate (CLP = 0+1)	MCu1 NOT MCu1	O N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.9	Forward maximum burst size (CLP = 0)	MCu1 NOT MCu1	O N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.10	Backward maximum burst size(CLP = 0)	MCu1 NOT MCu1	O N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.11	Forward maximum burst size(CLP = 0+1)	MCu1 NOT MCu1	O N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.12	Backward maximum burst size(CLP = 0+1)	MCu1 NOT Mcu1	O N/A	8.2.1	[ ]Yes [ ]No [ ]N/A
Pu1.13	Traffic Management Options	MCu1 NOT MCu1	O N/A	8.2.1	]Yes [ ]No [ ]N/A
Comments:					

Table A.8: Minimum acceptable ATM traffic descriptor information element contents

Item	Does the implementation support the information element field	Conditions for status	Status	Reference	Support
Pu2.1	Forward peak cell rate (CLP = 0)	MCu2 NOT MCu2	O N/A	8.2.2	[ ]Yes [ ]No [ ]N/A
Pu2.2	Backward peak cell rate (CLP = 0)	MCu2 NOT MCu2	O N/A	8.2.2	[ ]Yes [ ]No [ ]N/A
Pu2.3	Forward peak cell rate (CLP = 0+1)	MCu2 NOT MCu2	M N/A	8.2.2	[ ]Yes [ ]No [ ]N/A
Pu2.4	Backward peak cell rate (CLP = 0+1)	MCu2 NOT MCu2	M N/A	8.2.2	[ ]Yes [ ]No [ ]N/A
Comments:					

A.7.6   Timers

No items requiring response.

A.7.7   Call states

No items requiring response.

A.8   Network

The tables provided in this clause need only to be completed for network implementations, where item R 2.2 in table A.1 is supported.

A.8.1   Major capabilities

Table A.9: Major capabilities - network

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MCn 1	negotiation of alternative ATM traffic descriptor values?		M	9.1.2, 9.2.1, 10	[ ]Yes [ ]No
MCn 2	negotiation of minimum acceptable ATM traffic descriptor values?		M	9.1.2, 9.2.1, 10	[ ]Yes [ ]No
Comments:					

A.8.2   Subsidiary capabilities

No items requiring response.

A.8.3   Protocol data units

No items requiring response.

A.8.4   Protocol data unit parameters

Table A.10: Information elements in CONNECT received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn3- IE12	ATM traffic descriptor		M	9.2.3, 10	[ ]Yes [ ]No
Comments:					

Table A.11: Information elements in SETUP received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn12-P1	Alternative ATM traffic descriptor		M	9.1.2, 9.1.2.2, 10	[ ]Yes [ ]No
MRn12-P2	Minimum acceptable ATM traffic descriptor		M	9.1.2, 9.1.2.1, 10	[ ]Yes [ ]No
Comments:					

Table A.12: Information elements in CONNECT transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn3- IE12	ATM traffic descriptor		M	9.1.3, 10	[ ]Yes [ ]No
Comments:					

Table A.13: Information elements in SETUP transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn12-P1	Alternative ATM traffic descriptor		M	9.2.1, 10	[ ]Yes [ ]No
MTn12-P2	Minimum acceptable ATM traffic descriptor		M	9.2.1, 10	[ ]Yes [ ]No
Comments:					

A.8.5   Structure of Protocol Data Unit Parameters

Table A.14: Alternative ATM traffic descriptor information element contents

Item	Does the implementation support the information element field	Conditions for status	Status	Reference	Support
Pn1.1	Forward peak cell rate (CLP = 0)		M	8.2.1	[ ]Yes [ ]No
Pn1.2	Backward peak cell rate (CLP = 0)		M	8.2.1	[ ]Yes [ ]No
Pn1.3	Forward peak cell rate (CLP = 0+1)		M	8.2.1	[ ]Yes [ ]No
Pn1.4	Backward peak cell rate (CLP = 0+1)		M	8.2.1	[ ]Yes [ ]No
Pn1.5	Forward sustainable cell rate (CLP = 0)		M	8.2.1	[ ]Yes [ ]No
Pn1.6	Backward sustainable cell rate (CLP = 0)		M	8.2.1	[ ]Yes [ ]No
Pn1.7	Forward sustainable cell rate (CLP = 0+1)		M	8.2.1	[ ]Yes [ ]No
Pn1.8	Backward sustainable cell rate (CLP = 0+1)		M	8.2.1	[ ]Yes [ ]No
Pn1.9	Forward maximum burst size (CLP = 0)		M	8.2.1	[ ]Yes [ ]No
Pn1.10	Backward maximum burst size(CLP = 0)		M	8.2.1	[ ]Yes [ ]No
Pn1.11	Forward maximum burst size(CLP = 0+1)		M	8.2.1	[ ]Yes [ ]No
Pn1.12	Backward maximum burst size(CLP = 0+1)		M	8.2.1	[ ]Yes [ ]No
Pn1.13	Traffic Management Options		M	8.2.1	[ ]Yes [ ]No
Comments:					

Table A.15: Minimum acceptable ATM traffic descriptor information element contents

Item	Does the implementation support the information element field	Conditions for status	Status	Reference	Support
Pn2.1	Forward peak cell rate (CLP = 0)		M	8.2.2	[ ]Yes [ ]No
Pn2.2	Backward peak cell rate (CLP = 0)		M	8.2.2	[ ]Yes [ ]No
Pn2.3	Forward peak cell rate (CLP = 0+1)		M	8.2.2	[ ]Yes [ ]No
Pn2.4	Backward peak cell rate (CLP = 0+1)		M	8.2.2	[ ]Yes [ ]No
Comments:					

A.8.6   Timers

No items requiring response.

A.8.7   Call states

No items requiring response.

Annex B (normative):
Requirements list

This annex repeats in the form of a requirements list some items of the basic call PICS proforma required for support of EN 301 067-1 [3]. No support column is provided as the answers are to be entered in the relevant base PICS proforma.

In the tables which follow in this annex, the status of the base PICS proforma is indicated as "C" (conditional) or "O" (optional). The "C" status is used where the base PICS proforma contains a number of interdependent items which need not be repeated in the present document. "O" indicates that the item in the base PICS proforma is dependent on one or more other items, at least one of which has an optional status. The exact interdependency is fully specified in the base PICS proforma specification.

B.1 User

B.1.1 Requirements on items used in the basic call PICS

In the tabulations which follow in this subclause all item numbers are as contained in ETS 300 443-2 [2]. All references are to EN 301 067-1 [3] unless otherwise stated.

Table B.1: Major capabilities - user

Item	Major capability: Does the implementation...	Status base	SS conditions for status	SS status	Reference
MCu 1	support outgoing calls?	O	R 2.1 NOT R 2.1	O N/A	[1] 5.1
MCu 2	support incoming calls	O	R 2.1 NOT R 2.1	M N/A	[1] 5.2

Table B.2: Messages received by the user

Item	Message: Does the implementation support the receipt of...	Status base	SS conditions for status	SS status	Reference
MRu 3	CONNECT	M	R 2.1 NOT R 2.1	O N/A	[1] 3.1.3, 3.2.2., 5.1.5
MRu 12	SETUP	M	R 2.1 NOT R 2.1	M N/A	[1] 3.1.7, 3.2.7., 5.2

Table B.3: Messages transmitted by the user

Item	Message: Does the implementation support the transmission of...	Status base	SS conditions for status	SS status	Reference
MTu 3	CONNECT	M	R 2.1 NOT R 2.1	M N/A	[1] 3.1.3, 3.2.3., 5.2.6
MTu 12	SETUP	M	R 2.1 NOT R 2.1	M N/A	[1] 3.1.7, 3.2.7., 5.1

Table B.4: Information elements in SETUP received by the user

Item	Information element	Status base	SS conditions for status	SS status	Reference
MRu 12-IE12	ATM traffic descriptor	M	R 2.1 NOT R 2.1	M N/A	[1] 3.1.7, 3.2.7

Table B.5: Information elements in SETUP transmitted by the user

Item	Information element	Status base	SS conditions for status	SS status	Reference
MTu 12-IE12	ATM traffic descriptor	M	R 2.1 NOT R 2.1	M N/A	[1] 3.1.7, 3.2.7

B.2   Network

B.2.1   Requirements on items used in the basic call PICS

In the tabulations which follow in this subclause all item numbers are as contained in ETS 300 443-2 [2]. All references are to EN 301 067-1 [3] unless otherwise stated.

Table B.6: Major capabilities - network

Item	Major capability: Does the implementation...	Status base	SS conditions for status	SS status	Reference
MCn 1	call establishment at the originating interface (outgoing calls from the user's point of view)?	M	R 2.2 NOT R 2.2	M N/A	[1] 5.1
MCn 2	call establishment at the destination interface (incoming calls from the user's point of view)?	M	R 2.2 NOT R 2.2	M N/A	[1] 5.2

Table B.7: Messages received by the network

Item	Message: Does the implementation support the receipt of...	Status base	SS conditions for status	SS status	Reference
MRn 3	CONNECT	M	R 2.2 NOT R 2.2	M N/A	[1] 3.1.3, 3.2.3., 5.2.7
MRn 12	SETUP	M	R 2.2 NOT R 2.2	M N/A	[1] 3.1.7, 3.2.7., 5.1

Table B.8: Messages transmitted by the network

Item	Message: Does the implementation support the transmission of...	Status base	SS conditions for status	SS status	Reference
MTn 3	CONNECT	M	R 2.2 NOT R 2.2	M N/A	[1] 3.1.3, 3.2.3., 5.1.7
MTn 12	SETUP	M	R 2.2 NOT R 2.2	M N/A	[1] 3.1.7, 3.2.7., 5.2

Table B.9: Information elements in SETUP received by the network

Item	Information element	Status base	SS conditions for status	SS status	Reference
MRn 12-IE12	ATM traffic descriptor	M	R 2.1 NOT R 2.1	M N/A	[1] 3.1.7, 3.2.7

Table B.10: Information elements in SETUP transmitted by the network

Item	Information element	Status base	SS conditions for status	SS status	Reference
MTu 12-IE12	ATM traffic descriptor	M	R 2.1 NOT R 2.1	M N/A	[1] 3.1.7, 3.2.7

History

Document history				
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