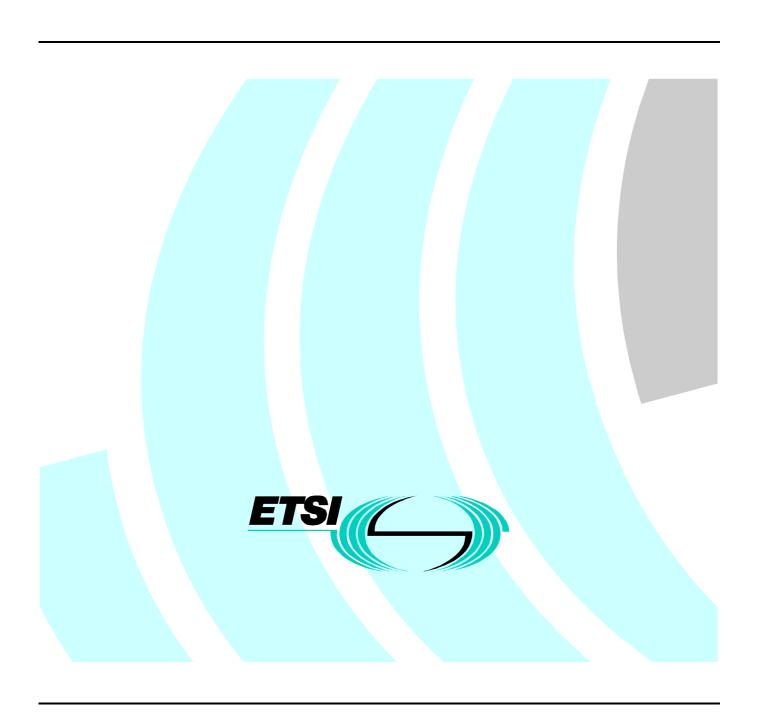# Final draft ETSI EN 300 267-2 V1.3.2 (2000-02)

European Standard (Telecommunications series)

Integrated Services Digital Network (ISDN); Telephony 7 kHz, videotelephony, audiographic conference and videoconference teleservices; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

ETSI

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ETSI

Postal address

F-06921 Sophia Antipolis Cedex - FRANCE

Office address

650 Route des Lucioles - Sophia Antipolis
Valbonne - FRANCE
Tel.: +33 4 92 94 42 00   Fax: +33 4 93 65 47 16
Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Internet

secretariat@etsi.fr
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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Services and Protocols for Advanced Networks (SPAN), and is now submitted for the Voting phase of the ETSI standards Two-step Approval Procedure.

The present document is part 2 of a multi-part EN covering the Integrated Services Digital Network (ISDN); Telephony 7 kHz, videotelephony, audiographic conference and videoconference teleservices; Digital Subscriber Signalling System No. one (DSS1) protocol, 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: "Test Suite Structure and Test Purposes (TSS&TP) specification for the network";

Part 6: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (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).

The present document is an extended and updated version of ETS 300 267-2 [8]. Annex C identifies relevant differences between the present document and this standard.

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

1   Scope

The present document is applicable to the stage three of the telephony 7 kHz, videotelephony, audiographic conference and videoconference teleservices for the pan-European Integrated Services Digital Network (ISDN) as provided by European public telecommunications operators at the T reference point or coincident S and T reference point (as defined in ITU-T Recommendation I.411 [14]) by means of the Digital Subscriber Signalling System No. one (DSS1) protocol. Stage three identifies the protocol procedures and switching functions needed to support a telecommunication service (see CCITT Recommendation I.130 [13]).

The present document provides the Protocol Implementation Conformance Statement (PICS) proforma for the ISDN DSS1 protocol for the telephony 7 kHz, videotelephony, audiographic conference and videoconference teleservices and associated generic procedures as specified in EN 300 267-1 [7] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [12].

The supplier of a protocol implementation which is claimed to conform to EN 300 267-1 [7] 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

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

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

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

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

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

[1]   ETSI ETS 300 092-1: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[2]   ETSI ETS 300 097-1: "Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[3]   ETSI ETS 300 143: "Integrated Services Digital Network (ISDN); Audiovisual services Inband signalling procedures for audiovisual terminals using digital channels up to 2 048 kbit/s".

[4]   ETSI ETS 300 145: "Integrated Services Digital Network (ISDN); Audiovisual services; Videotelephone systems and terminal equipment operating on one or two 64 kbit/s channels".

[5]   ETSI EN 300 196-1 (V1.2): "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[6]   ETSI I-ETS 300 245-5: "Integrated Services Digital Network (ISDN); Technical characteristics of telephony terminals; Part 5: Wideband (7 kHz) handset telephony".

[7]   ETSI EN 300 267-1 (V1.3): "Integrated Services Digital Network (ISDN); Telephony 7 kHz, videotelephony, audiographic conference and videoconference teleservices; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[8]   ETSI ETS 300 267-2: "Integrated Services Digital Network (ISDN); Telephony 7 kHz and videotelephony teleservices; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[9]   ETSI EN 300 403-1 (V1.2): "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 1: Protocol specification [ITU-T Recommendation Q.931 (1993), modified]".

[10]   ETSI EN 300 403-3 (V1.2): "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 3: Protocol Implementation Conformance Statement (PICS) proforma specification".

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

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

[13]   CCITT Recommendation I.130 (1988): "Method for the characterization of telecommunication services supported by an ISDN and network capabilities of an ISDN".

[14]   ITU-T Recommendation I.411 (1993): "ISDN user-network interfaces; Reference configurations".

[15]   ETSI EN 300 267-2 V1.2: "Integrated Services Digital Network (ISDN); Telephony 7 kHz, videotelephony, audiographic conference and videoconference teleservices; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

3   Definitions, symbols and abbreviations

3.1   Definitions

For the purposes of the present document, the following terms and definitions given in EN 300 267-1 [7] and the following apply:

Protocol Implementation Conformance Statement (PICS): 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 [11])

PICS proforma: 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 [11])

static conformance review: review of the extent to which the static conformance requirements are met by the IUT, accomplished by comparing the PICS with the static conformance requirements expressed in the relevant standard(s) (see ISO/IEC 9646-1 [11])

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:

    BC   Bearer Capability
    DSS1   Digital Subscriber Signalling System No. one
    HLC   High Layer Compatibility
    ISDN   Integrated Services Digital Network
    IUT   Implementation Under Test
    MC   Major Capabilities
    OSI   Open Systems Interconnection
    PICS   Protocol Implementation Conformance Statement
    R   Role
    SC   Subsidiary Capabilities
    SCS   System Conformance Statement
    SUT   System Under Test

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 300 267-1 [7];

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

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

Annex A (normative):
PICS proforma for EN 300 267-1

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 [11] 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 comment 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 clause 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 [12].

The reference column contained in the tables gives reference to the appropriate part(s) of EN 300 267-1 [7] (unless another numbered reference is explicitly indicated) 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 300 267-1 [7] (or any other possibly used reference) 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 [12], are used for the status column:

-   M: mandatory;

-   N/A: not applicable;

-   O: optional;

-   O.<integer>: for mutually exclusive or selectable options from a set.

The following common notations, defined in ISO/IEC 9646-7 [12], are used for the support column:

-   N: for not supported/not implemented;

-   Y: for supported/implemented.

A.2   Identification of the implementation

A.2.1   Implementation Under Test (IUT) identification

IUT name:

....

....

IUT version:

....

A.2.2   System Under Test (SUT) identification

SUT name:

....

....

Hardware configuration:

....

....

....

Operating system:

....

....

A.2.3   Product supplier

Name:

....

Address:

....

....

....

Telephone number:

....

Facsimile number:

....

Additional information:

....

....

....

A.2.4   Client

Name:

....

Address:

....

....

....

Telephone number:

....

Facsimile number:

....

Additional information:

....

....

....

A.2.5   PICS contact person

Name:

....

Address:

....

....

....

Telephone number:

....

Facsimile number:

....

Additional information:

....

....

....

A.3   PICS/SCS relationship

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

....

....

....

....

A.4   Identification of the protocol

This PICS proforma applies to the following standards:

EN 300 267-1 (V1.3) [7]: "Integrated Services Digital Network (ISDN); Telephony 7 kHz, videotelephony, audiographic conference and videoconference teleservices; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

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 comment 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 1.1	support the telephony 7 kHz teleservice?	(R 1.3 OR R 1.4) NOT (R 1.3 OR R 1.4)	M O	6	[ ]Yes [ ]No
R 1.2	support the videotelephony teleservice?		O	7	[ ]Yes [ ]No
R 1.3	support the audiographic conference teleservice?		O	8	[ ]Yes [ ]No
R 1.4	support the videoconference teleservice?		O	9	[ ]Yes [ ]No
R 1.5	support the telephony 3,1 kHz teleservice?	(R 1.1 OR R 1.2 OR R 1.3 OR R 1.4) NOT (R 1.1 OR R 1.2 OR R 1.3 OR R 1.4)	M O	6.1, 7.1, 8.1, 9.1	[ ]Yes [ ]No
R 1.6	support the generic procedures for the provision of other basic telecommunication services?		O	5	[ ]Yes [ ]No
R 2.1	support user requirements?		O.1	5, 6, 7, 8, 9	[ ]Yes [ ]No
R 2.2	support network requirements?		O.1	5, 6, 7, 8, 9	[ ]Yes [ ]No
R 3.1	support requirements at the coincident S and T reference point?	R 2.1 R 2.2	O.2 O.3	5.5, 6.5, 7.5, 8.5, 9.5	[ ]Yes [ ]No
R 3.2	support requirements for interworking with private ISDNs?	R 2.1 R 2.2	O.2 O.3	5.6, 6.6, 7.6, 8.6, 9.6	[ ]Yes [ ]No
R 4.1	support user requirements at the interface of the calling user?	R 2.1 NOT (R 2.1)	O.4 N/A	5, 6, 7, 8, 9	[ ]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.4 N/A	5, 6, 7, 8, 9	[ ]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	5, 6, 7, 8, 9	[ ]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	5, 6, 7, 8, 9	[ ]Yes [ ]No [ ]N/A
NOTE 1: O.1 Support of one and only one of these options is required. NOTE 2: O.2 Support of one and only one of these options is required. NOTE 3: O.3 Support at least one of these options is required. NOTE 4: O.4 Support 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 needs only to be completed for user implementations, where item R 3.1 in table A.1 is supported.

Table A.2: Major capabilities at the coincident S and T reference point

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MC 1	**Capabilities at the coincident S and T reference point**				
MC 1.6	establishment of further connection within the same call?	(R 1.2 OR R 1.3 OR R 1.4 OR R 1.6) NOT (R 1.2 OR R 1.3 OR R 1.4 OR R 1.6)	O N/A	5.5.1, 7.5.1, 7.5.2, 8.5.1, 8.5.2, 9.5.1, 9.5.2	[ ]Yes [ ]No
Comments:					

A.7.2   Subsidiary capabilities

Table A.3: Subsidiary capabilities - user side

Item	Subsidiary capability: Does the implementation support...	Conditions for status	Status	Reference	Support
SC 3	**in-band protocol requirements**				
SC 3.1	I-ETS 300 245-5 [6] clause 6 if the resultant service is telephony 7 kHz?	R 3.1 AND (R 1.1 OR R 1.2 OR R 1.3 OR R 1.4) NOT (R 3.1 AND (R 1.1 OR R 1.2 OR R 1.3 OR R 1.4))	M N/A	6.5.1, 6.5.2, 7.5.1, 7.5.2, 8.5.1, 8.5.2, 9.5.1, 9.5.2	[ ]Yes [ ]No
SC 3.2	ETS 300 143 [3] clause 6 and ETS 300 145 [4] if the resultant service is videotelephony, audiographic conference or videoconference?	R 3.1 AND (R 1.2 OR R 1.3 OR R 1.4) NOT (R 3.1 AND (R 1.2 OR R 1.3 OR R 1.4))	M N/A	7.5.1, 7.5.2, 8.5.1, 8.5.2, 9.5.1, 9.5.2	[ ]Yes [ ]No
SC 4	**other basic call procedures**				
SC 4.1	procedures at the originating side for the indication of calling identification?	R 4.1 AND (R 1.1 OR R 1.2 OR R 1.3 OR R 1.4) NOT (R 4.1 AND (R 1.1 OR R 1.2 OR R 1.3 OR R 1.4))	O N/A	6.5.1, 7.5.1, 8.5.1, 9.5.1; ETS 300 092-1 9.2	[ ]Yes [ ]No
SC 4.2	procedures at the destination side for the indication of connected identification?	R 4.2 AND (R 1.1 OR R 1.2 OR R 1.3 OR R 1.4) NOT (R 4.2 AND (R 1.1 OR R 1.2 OR R 1.3 OR R 1.4))	O N/A	6.5.2, 7.5.2, 8.5.2, 9.5.2; ETS 300 097-1 9.2	[ ]Yes [ ]No
SC 4.3	procedures for notification?	(R 1.1 OR R 1.2 OR R 1.3 OR R 1.4) R 1.6	M O	6.5.9, 7.5.9, 8.5.9, 9.5.9; EN 300 403-1 5.9, EN 300 196-1 9	[ ]Yes [ ]No
SC 4.4	procedures for status request?	R 3.1 AND (R 1.1 OR R 1.2 OR R 1.3 OR R 1.4) R 3.1 AND R 1.6 NOT R 3.1	M O N/A	6.5.10, 7.5.10, 8.5.10, 9.5.10; EN 300 196-1 10.3	[ ]Yes [ ]No
Comments:					

A.7.3   Protocol data units

No items requiring response.

A.7.4   Protocol data unit parameters

No items requiring response.

A.7.5   Timers

No items requiring response.

A.7.6   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

Not defined.

A.8.2   Subsidiary capabilities

Table A.4: Subsidiary capabilities - network side

Item	Subsidiary capability: Does the implementation...	Conditions for status	Status	Reference	Support
SC 5		in-band protocol requirements			
SC 5.1	provide in-band tones and announcements in accordance with CCITT Recommendation G.711 A-law, if the bearer capability is unrestricted digital information with tones and announcements?	(R 1.1 OR R 1.2 OR R 1.3 OR R 1.4) R 1.6	M O	5.5.2, 5.6.2	[ ]Yes [ ]No
SC 6	other basic call procedures				
SC 6.1	support procedures at the originating side for the indication of calling identification?	R 4.3 AND (R 1.1 OR R 1.2 OR R 1.3 OR R 1.4) R 4.3 AND R 1.6	M O	6.5.1, 7.5.1, 8.5.1, 9.5.1; ETS 300 092-1 9.2	[ ]Yes [ ]No
SC 6.2	support procedures at the destination side for the indication of connected identification?	R 4.4 AND (R 1.1 OR R 1.2 OR R 1.3 OR R 1.4) R 4.4 AND R 1.6	M O	6.5.2, 7.5.2, 8.5.2, 9.5.2; ETS 300 097-1 9.2	[ ]Yes [ ]No
SC 6.3	support procedures for notification?	(R 1.1 OR R 1.2 OR R 1.3 OR R 1.4) R 1.6	M O	6.5.9, 7.5.9, 8.5.9, 9.5.9; EN 300 403-1 5.9; EN 300 196-1 9	[ ]Yes [ ]No
SC 6.4	support procedures for status request?	R 3.1 AND (R 1.1 OR R 1.2 OR R 1.3 OR R 1.4) R 3.1 AND R 1.6 NOT R 3.1	M O N/A	6.5.10, 7.5.10, 8.5.10, 9.5.10; EN 300 196-1 10.3	[ ]Yes [ ]No
Comments:					

A.8.3   Protocol data units

No items requiring response.

A.8.4   Protocol data unit parameters

No items requiring response.

A.8.5   Timers

No items requiring response.

A.8.6   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 defined in EN 300 403-3 [10] required for support of EN 300 267-1 [7]. 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 to 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 all item numbers are as contained in EN 300 403-3 [10]. All references are to EN 300 267-1 [7] unless otherwise stated.

Table B.1: Major capabilities of the user role

Item	Message: Does the implementation support...	Status base	Conditions for status	Status	Reference
MCu 21.1	initiation of BC selection (as a calling user)?	O	R 4.1 and (R 1.1 or R 1.2 or R 1.3 or R 1.4) R 4.1 and R 1.6 not R 4.1	M O N/A	6.5.1, 7.5.1, 8.5.1, 9.5.1, 6.6, 7.6, 8.6, 9.6; [9] 5.10, 5.11.1
MCu 21.2	processing of incoming BC selection request (as a called user)?	O	R 4.2 and (R 1.1 or R 1.2 or R 1.3 or R 1.4) R 4.2 and R 1.6 not R 4.2	M O N/A	6.5.2, 7.5.2, 8.5.2, 9.5.2, 6.6, 7.6, 8.6.2, 9.6.2; [9] 5.10, 5.11.2, 5.11.3
MCu 22.1	initiation of HLC selection (as a calling user)?	O	R 4.1 and (R 1.2 or R 1.3 or R 1.4) R 4.1 and R 1.6 R 1.1 or not R 4.1	M O N/A	7.5.1, 8.5.1, 9.5.1, 7.6, 8.6, 9.6; [9] 5.10, 5.12.1
MCu 22.2	processing of incoming HLC selection request (as a called user)?	O	R 4.2 and (R 1.2 or R 1.3 or R 1.4) R 4.2 and R 1.6 R 1.1 or not R 4.2	M O N/A	7.5.2, 8.5.2, 9.5.2, 7.6, 8.6.2, 9.6.2; [9] 5.10, 5.12.2, 5.12.3

B.2   Network

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

In the tabulations which follow all item numbers are as contained in EN 300 403-3 [10]. All references are to
EN 300 267-1 [7] unless otherwise stated.

Table B.2: Major capabilities of the network role

Item	Message: Does the implementation support...	Status base	Conditions for status	Status	Reference
MCn 21.1	forwarding of BC selection request across the network (procedures at the originating side)?	O	R 4.3 and (R 1.1 or R 1.2 or R 1.3 or R 1.4) R 4.3 and R 1.6 not R 4.3	M O N/A	6.5.1, 7.5.1, 8.5.1, 9.5.1, 6.6, 7.6, 8.6, 9.6; [9] 5.10, 5.11.1
MCn 21.2	procedures for BC selection at the destination side?	O	R 4.4 and (R 1.1 or R 1.2 or R 1.3 or R 1.4) R 4.4 and R 1.6 not R 4.4	M O N/A	6.5.2, 7.5.2, 8.5.2, 9.5.2, 6.6, 7.6, 8.6.2, 9.6.2; [9] 5.10, 5.11.2, 5.11.3
MCn 22.1	forwarding of HLC selection request across the network (procedures at the originating side)?	O	R 4.3 and (R 1.2 or R 1.3 or R 1.4) R 4.3 and R 1.6 R 1.1 or not R 4.3	M O N/A	7.5.1, 8.5.1, 9.5.1, 7.6, 8.6, 9.6; [9] 5.10, 5.12.1
MCn 22.2	procedures for HLC selection at the destination side?	O	R 4.4 and (R 1.2 or R 1.3 or R 1.4) R 4.4 and R 1.6 R 1.1 or not R 4.4	M O N/A	7.5.2, 8.5.2, 9.5.2, 7.6, 8.6.2, 9.6.2; [9] 5.10, 5.12.2, 5.12.3

Annex C (informative):
Identification of changes from previous standards

C.1   Identification of changes from ETS 300 267-2 to the present document

The main differences between ETS 300 267-2 [8] and the present document are as follows:

a) the major roles R 1.3 and R 1.4, related to the introduction of two additional teleservices by EN 300 267-1 [7], have been included in table A.1, as well as the column **Condition for status** throughout the entire document. Likewise, references to clauses 8 and 9 of EN 300 267-1 [7] have been introduced in the column **References**;

b) due to the inclusion of subclauses 5.10, 5.11 and 5.12 in EN 300 403-1 [9] and in the related basic call PICS proforma specification EN 300 403-3 [10], several items have been removed:

1) the major capabilities MC 1.1 to MC 1.5, and MC 3.1 to MC 3.5, concerning the user side and the network side, have been removed;

2) idem for MC 2.1 to MC 2.5 (user side), and MC 4.1 to MC 4.5 (network side);

3) idem for subsidiary capabilities SC 1.1 and SC 2.1, but only for the user side;

4) the former tables A.5 to A.8 on the user side, and the former tables A.12 to A.15 on the network side, have been removed, as all the messages and information elements are now referenced in EN 300 403-1 [9] and EN 300 403-3 [10];

5) an entirely new annex B has been introduced in order to show the conditions for status defined in the present document, which has to be taken into account as they affect the answers to some major capabilities defined in basic call PICS proforma specification EN 300 403-3 [10] (MCu 21.1, MCu 21.2, MCu 22.1 and MCu 22.2 for the user side and MCn 21.1, MCn 21.2, MCn 22.1 and MCn 22.2 for the network side).

The following standards were found relevant for inclusion as new references:

-   EN 300 267-1 [7];

-   EN 300 403-1 [9];

-   EN 300 403-3 [10].

C.2   Identification of changes from EN 300 267-2 V1.2.2 to the present document

The main differences between EN 300 267-2 V1.2.2 [15] and the present document are as follows:

a) the status of the major role R 1.1 was changed conditional;

b) the previously first comment was removed from table 1;

c) the name of the major capabilities of user side MC 1.6 was changed referring further connections instead of second connection;

d) the table containing major capabilities of network side and MC 3.6 was deleted as the network has no knowledge that a further connection belongs to an existing call.

History

Document history				
Edition 1	February 1996	Publication as ETS 300 267-2		
V1.2.2	April 1998	Publication		
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