ETSI

EUROPEAN
TELECOMMUNICATION
STANDARD

Integrated Services Digital Network (ISDN);
Diversion supplementary services;
Digital Subscriber Signalling System No. one (DSS1) protocol;
Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

ETSI

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Contents

Foreword

This final draft European Telecommunication Standard (ETS) has been produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI), and is now submitted for the Voting phase of the ETSI standards approval procedure.

This ETS is part 2 of a multi-part standard covering the Digital Subscriber Signalling System No. one (DSS1) protocol specification for the Integrated Services Digital Network (ISDN) diversion supplementary services, 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 transposition dates	
Date of latest announcement of this ETS (doa):	3 months after ETSI publication
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	6 months after doa
Date of withdrawal of any conflicting National Standard (dow):	6 months after doa

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1 Scope

This second part of ETS 300 207 is applicable to the stage three of the diversion supplementary services 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 [12]) 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 telecommunications service (see CCITT Recommendation I.130 [11]).

This ETS provides the Protocol Implementation Conformance Statement (PICS) proforma for the ISDN DSS1 diversion supplementary services protocol as specified in ETS 300 207-1 [6] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [10].

The supplier of a protocol implementation which is claimed to conform to ETS 300 207-1 [6] is required to complete a copy of the PICS proforma provided in annex A of this ETS and is required to provide the information necessary to identify both the supplier and the implementation.

2 Normative references

This ETS incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

[1]   ETS 300 102-1: "Integrated Services Digital Network (ISDN); User-network interface layer 3; Specifications for basic call control".

[2]   ETS 300 195-1 (1995): "Integrated Services Digital Network (ISDN); Supplementary service interactions; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[3]   ETS 300 195-2: "Integrated Services Digital Network (ISDN); Supplementary service interactions; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[4]   ETS 300 196-1 (1993): "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".

    NOTE: ETS 300 196-1 (1993) was initially published as ETS 300 196 (1993).

[5]   ETS 300 196-2: "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[6]   ETS 300 207-1 (1994): "Integrated Services Digital Network (ISDN); Diversion supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[7]   I-ETS 300 316 (1994): "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1); Protocol Implementation Conformance Statement (PICS) proforma specification for the network layer signalling protocol for circuit-mode basic call control (basic access, network)".

[8]   I-ETS 300 317 (1994): "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1); Protocol Implementation Conformance Statement (PICS) proforma specification for the network layer signalling protocol for circuit-mode basic call control (primary rate access, network)".

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

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

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

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

3   Definitions

For the purposes of this ETS, the following definitions apply, in addition to those given in ETS 300 207-1 [6]:

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 [9]).

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 [9]).

static conformance review: A 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 [9]).

4   Symbols and abbreviations

For the purposes of this ETS, the following abbreviations apply:

CD	Call Deflection
CFB	Call Forwarding Busy
CFNR	Call Forwarding No Reply
CFU	Call Forwarding Unconditional
AND	Boolean "and"
DSS1	Digital Subscriber Signalling System No. one
IET	Information Elements Transmitted
ISDN	Integrated Services Digital Network
IUT	Implementation Under Test
M	Mandatory requirement (to be observed in all cases)
MC	Major Capabilities
MR	Messages Received
MT	Messages Transmitted

N/A	Not applicable, not supported or the conditions for status are not met
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"
OSI	Open Systems Interconnection
P	Parameters
PICS	Protocol Implementation Conformance Statement
R	Role
RL	Requirements List
SC	Subsidiary Capabilities
SCS	System Conformance Statement
SUT	System Under Test
TM	Timers
Yes	supported

5 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 ETS 300 207-1 [6];
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

Notwithstanding the provisions of the copyright clause related to the text of this ETS, ETSI grants that users of this ETS 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 SCS as defined in ISO/IEC 9646-1 [9] is a document supplied by the client or product supplier that summarizes which OSI International Standards, ITU-T (CCITT) Recommendations, ETSs or other standards are implemented and to which conformance is claimed. The PICS/SCS subclause 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 sheets of paper.

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 (RL) 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 [10].

The reference column contained in the tables gives reference to the appropriate part(s) of ETS 300 207-1 [6] 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 ETS 300 207-1 [6] 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 [10], 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 [10], 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   Implementation Under Test (IUT) identification

IUT name:

....

....

IUT version:

....

A.2.2   System Under Test (SUT) identification

SUT name:

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Hardware configuration:

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Operating system:

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A.2.3   Product supplier

Name:

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Address:

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Telephone number:

....

Facsimile number:

....

Additional information:

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A.2.4   Client

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.2.5 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/System Conformance Statement (SCS)

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

....

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....

A.4 Identification of the protocol

This PICS proforma applies to the following standard:

ETS 300 207-1 (1994): "Integrated Services Digital Network (ISDN); Diversion supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

A.5   Global statement of conformance

The implementation described in this PICS meets all the mandatory requirements of the referenced standard?

[ ] 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.

In the tabulations which follow, all references are to ETS 300 207-1 [6] unless another numbered reference is explicitly indicated.

A.6 Roles

Table A.1: Type of implementation

Item	Major role: Does the implementation...	Conditions for status	Status	Reference	Support
	Type of implementation				
R 1.1	support call forwarding supplementary service(s)?		O.1		[ ]Yes [ ]No
R 1.1.1	support the CFB supplementary service?	R 1.1 NOT R 1.1	O.2 N/A		[ ]Yes [ ]No [ ]N/A
R 1.1.2	support the CFU supplementary service?	R 1.1 NOT R 1.1	O.2 N/A		[ ]Yes [ ]No [ ]N/A
R 1.1.3	support the CFNR supplementary service?	R 1.1 NOT R 1.1	O.2 N/A		[ ]Yes [ ]No [ ]N/A
R 1.2	support the CD supplementary service?		O.1		[ ]Yes [ ]No
R 2.1	support user requirements?		O.3	9, 10	[ ]Yes [ ]No
R 2.2	support network requirements?		O.3	9, 10	[ ]Yes [ ]No
R 3.1	support requirements at the coincident S and T reference point?	R 2.2 R 2.1	O.4 O.5	9	[ ]Yes [ ]No
R 3.2	support procedures for interworking with private ISDN at the T reference point?	R 2.2 R 2.1	O.4 O.5	10	[ ]Yes [ ]No
R 4.1	support user requirements at the interface of the served user?	R 2.1 AND R 3.1 R 2.1 AND R 3.2 NOT R 2.1	M O.6 N/A	9, 10.6	[ ]Yes [ ]No [ ]N/A
R 4.2	support user requirements at the interface of a remote user? (note)	R 2.1 AND R 3.2 NOT (R 2.1 AND R 3.2)	O.6 N/A	10	[ ]Yes [ ]No [ ]N/A
R 4.2.1	support user requirements at the interface of the calling user?	N/A			N/A
R 4.2.2	support user requirements at the interface of the diverted-to user?	R 4.2 NOT R 4.2	M N/A	10.2	[ ]Yes [ ]No [ ]N/A
R 4.3	support network requirements at the interface of the served 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 a remote user?	R 2.2 NOT R 2.2	M N/A	9, 10	[ ]Yes [ ]No [ ]N/A
R 4.4.1	support network requirements at the interface of the calling user?	R 4.4 NOT R 4.4	M N/A	9, 10	[ ]Yes [ ]No [ ]N/A
R 4.4.2	support network requirements at the interface of the diverted-to user?	R 4.4 NOT R 4.4	M N/A	9, 10	[ ]Yes [ ]No [ ]N/A
O.1	Support of at least one of these options is required.				
O.2	Support of at least one of these options is required.				
O.3	Support of one and only one of these options is required.				
O.4	Support of at least one of these options is required.				
O.5	Support of one and only one of these options is required.				
O.6	Support of at least one of these options is required.				
NOTE:	Where R 3.1 is supported, all procedures for remote (calling or diverted-to) user are provided as part of the basic call control.				
Comments:					

A.7   User

The tables provided in this clause need only to be completed for user implementations, where item R 2.1 above 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
MC 1	the request for the activation of a specific call forwarding supplementary service?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	9.1.1, 10.6	[ ]Yes [ ]No [ ]N/A
MC 2	the request for the deactivation of a specific call forwarding supplementary service?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	9.1.2, 10.6	[ ]Yes [ ]No [ ]N/A
MC 3	the procedures for the interrogation of the served user numbers?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	9.1.3, 10.6	[ ]Yes [ ]No [ ]N/A
MC 4	the procedures for the interrogation of the details of the instance(s) of a call forwarding supplementary service?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	9.1.4, 10.6	[ ]Yes [ ]No [ ]N/A
MC 5	the request for the invocation of the call deflection supplementary service?	R 1.2 AND R 4.1 NOT (R 1.2 AND R 4.1)	M N/A	9.2.4.5, 10.6	[ ]Yes [ ]No [ ]N/A
MC 6	the procedures where a call is diverted within or beyond the private network?	R 3.2 NOT R 3.2	M N/A	10.1	[ ]Yes [ ]No [ ]N/A
MC 7	the procedures where a diverted call is presented to the private network?	R 4.2.2 NOT R 4.2.2	M N/A	10.2	[ ]Yes [ ]No [ ]N/A
MC 8	the procedures where a diverted call is presented by the private network?	R 3.2 NOT R 3.2	M N/A	10.4	[ ]Yes [ ]No [ ]N/A
MC 9	the procedures of diversion by partial rerouteing?	R 3.2 NOT R 3.2	M N/A	10.5	[ ]Yes [ ]No [ ]N/A
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: Facility information element components received by the user

Item	Facility information element components: Does the implementation support...	Conditions for status	Status	Reference	Support
P 1.1	ActivationDiversion return result?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.1, 10.6	[ ]Yes [ ]No [ ]N/A
P 1.2	ActivationDiversion return error?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.1, 10.6	[ ]Yes [ ]No [ ]N/A
P 2.1	DeactivationDiversion return result?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.2, 10.6	[ ]Yes [ ]No [ ]N/A
P 2.2	DeactivationDiversion return error?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.2, 10.6	[ ]Yes [ ]No [ ]N/A
P 3	ActivationStatus NotificationDiv invoke?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.1	[ ]Yes [ ]No [ ]N/A
P 4	DeactivationStatus NotificationDiv invoke?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.2	[ ]Yes [ ]No [ ]N/A
P 5.1	InterrogationDiversion return result?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.4, 10.6	[ ]Yes [ ]No [ ]N/A
P 5.2	InterrogationDiversion return error?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.4, 10.6	[ ]Yes [ ]No [ ]N/A
P 6.1	InterrogateServedUser Numbers return result?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.3, 10.6	[ ]Yes [ ]No [ ]N/A
P 6.2	InterrogateServedUser Numbers return error?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.3, 10.6	[ ]Yes [ ]No [ ]N/A
P 7	DiversionInformation invoke?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.2.4.1, 9.2.4.2, 9.2.4.3, 9.2.4.4, 10.6	[ ]Yes [ ]No [ ]N/A
P 8.1	CallDeflection return result?	R 1.2 AND R 4.1 NOT (R 1.2 AND R 4.1)	M N/A	7.1, 9.2.4.5, 10.6	[ ]Yes [ ]No [ ]N/A
P 8.2	CallDeflection return error?	R 1.2 AND R 4.1 NOT (R 1.2 AND R 4.1)	M N/A	7.1, 9.2.4.5, 10.6	[ ]Yes [ ]No [ ]N/A
P 9.1	CallRerouteing return result?	MC 9 NOT MC 9	M N/A	7.1, 10.5	[ ]Yes [ ]No [ ]N/A
P 9.2	CallRerouteing return error?	MC 9 NOT MC 9	M N/A	7.1, 10.5	[ ]Yes [ ]No [ ]N/A
P 10	DivertingLegInformation2 invoke?	R 4.2.2 NOT R 4.2.2	M N/A	7.1, 10.2	[ ]Yes [ ]No [ ]N/A
P 11	DivertingLegInformation3 invoke?	MC 8 NOT MC 8	M N/A	7.1, 10.4	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.4: Facility information element components transmitted by the user

Item	Facility information element components: Does the implementation support...	Conditions for status	Status	Reference	Support
P 12	ActivationDiversion invoke?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.1, 10.6	[ ]Yes [ ]No [ ]N/A
P 13	DeactivationDiversion invoke?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.2, 10.6	[ ]Yes [ ]No [ ]N/A
P 14	InterrogationDiversion invoke?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.4, 10.6	[ ]Yes [ ]No [ ]N/A
P 15	InterrogateServedUser Numbers invoke?	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	7.1, 9.1.3, 10.6	[ ]Yes [ ]No [ ]N/A
P 16	CallDeflection invoke?	R 1.2 AND R 4.1 NOT (R 1.2 AND R 4.1)	M N/A	7.1, 9.2.4.5, 10.6	[ ]Yes [ ]No [ ]N/A
P 17	CallRerouteing invoke?	MC 9 NOT MC 9	M N/A	7.1, 10.5	[ ]Yes [ ]No [ ]N/A
P 18	DivertingLegInformation1 invoke?	MC 6 NOT MC 6	M N/A	7.1, 10.1	[ ]Yes [ ]No [ ]N/A
P 19	DivertingLegInformation2 invoke?	MC 8 NOT MC 8	M N/A	7.1, 10.4	[ ]Yes [ ]No [ ]N/A
P 20	DivertingLegInformation3 invoke?	R 4.2.2 NOT R 4.2.2	M N/A	7.1, 10.1, 10.2	[ ]Yes [ ]No [ ]N/A
Comments:					

A.7.5 Timers

Table A.5: Timers - user

Item	Timer: Does the implementation support...	Conditions for status	Status	Reference	Support
TM 1	T-ACTIVATE? (Value 4s)	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	13, [4] 10.2.7	[ ]Yes [ ]No [ ]N/A
TM 2	T-DEACTIVATE? (Value 4s)	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	13, [4] 10.2.7	[ ]Yes [ ]No [ ]N/A
TM 3	T-INTERROGATE? (Value 4s)	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	13, [4] 10.2.7	[ ]Yes [ ]No [ ]N/A
NOTE:	The generic support of these timers is specified in ETS 300 196-2 [5]. This table includes the values required by ETS 300 207-1 [6].				
Comments:					

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 above is supported.

A.8.1 Major capabilities

Table A.6: Major capabilities - network

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MC 10.1	the provision of diversion supplementary service(s) on a per ISDN number basis?	R 4.3 NOT R 4.3	O.7 N/A	5	[ ]Yes [ ]No [ ]N/A
MC 10.2	the provision of diversion supplementary service(s) to the whole access?	R 4.3 NOT R 4.3	O.7 N/A	5	[ ]Yes [ ]No [ ]N/A
MC 11	the procedures associated with the activation, deactivation and interrogation for all ISDN numbers on the same access?	MC 10.1 AND R 1.1 NOT (MC 10.1 AND R 1.1)	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 12	the procedures associated with the notification to the served user that a call has been forwarded (with call offering information) for...				
MC 12.1	CFU?	R 4.3 AND R 1.1.2 NOT (R 4.3 AND R 1.1.2)	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 12.2	CFB?	R 4.3 AND R 1.1.1 NOT (R 4.3 AND R 1.1.1)	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 12.3	CFNR?	R 4.3 AND R 1.1.3 NOT (R 4.3 AND R 1.1.3)	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 13	the procedures associated with the notification of diversion to the calling user with diverted-to number for...				
MC 13.1	CFU?	R 4.4.1 NOT R 4.4.1	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 13.2	CFB?	R 4.4.1 NOT R 4.4.1	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 13.3	CFNR?	R 4.4.1 NOT R 4.4.1	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 13.4	CD?	R 4.4.1 NOT R 4.4.1	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 14	the procedures associated with the notification of diversion to the calling user without diverted-to number for...				
MC 14.1	CFU?	R 4.4.1 NOT R 4.4.1	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 14.2	CFB?	R 4.4.1 NOT R 4.4.1	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 14.3	CFNR?	R 4.4.1 NOT R 4.4.1	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 14.4	CD?	R 4.4.1 NOT R 4.4.1	O N/A	6.1	[ ]Yes [ ]No [ ]N/A
MC 15	the procedures for activation of a specific call forwarding supplementary service?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	9.1.1, 10.6	[ ]Yes [ ]No [ ]N/A
MC 16	the procedures for deactivation of a specific call forwarding supplementary service?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	9.1.2, 10.6	[ ]Yes [ ]No [ ]N/A
MC 17	the procedures for interrogation of the served user numbers?	MC 11 NOT MC 11	M N/A	9.1.3, 10.6	[ ]Yes [ ]No [ ]N/A
MC 18	the procedures for interrogation of the details of the instance(s) of a call forwarding supplementary service?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	9.1.4, 10.6	[ ]Yes [ ]No [ ]N/A
MC 19	the procedures for notification of diversion to the calling user?	R 4.4.1 NOT R 4.4.1	M N/A	9.2.2, 10.3	[ ]Yes [ ]No [ ]N/A
MC 20	the procedures for identification of the diverted-to user to the calling user?	R 4.4.1 NOT R 4.4.1	M N/A	9.2.3, 10.3	[ ]Yes [ ]No [ ]N/A
MC 21	the procedures for the CFU supplementary service at the served user?	R 4.3 AND R 1.1.2 NOT (R 4.3 AND R 1.1.2)	M N/A	9.2.4.1, 10.6	[ ]Yes [ ]No [ ]N/A

(continued)

Table A.6 (concluded): Major capabilities - network

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MC 22	the Network Determined User Busy (NDUB) procedures for the CFB supplementary service at the served user?	R 4.3 AND R 1.1.1 NOT (R 4.3 AND R 1.1.1)	M N/A	9.2.4.2, 10.6	[ ]Yes [ ]No [ ]N/A
MC 23	the User Determined User Busy (UDUB) procedures for the CFB supplementary service at the served user?	R 4.3 AND R 1.1.1 NOT (R 4.3 AND R 1.1.1)	M N/A	9.2.4.3, 10.6	[ ]Yes [ ]No [ ]N/A
MC 24	the procedures for the CFNR supplementary service at the served user?	R 4.3 AND R 1.1.3 NOT (R 4.3 AND R 1.1.3)	M N/A	9.2.4.4 10.6	[ ]Yes [ ]No [ ]N/A
MC 25	the procedures for the CD supplementary service at the served user?	R 4.3 AND R 1.2 NOT (R 4.3 AND R 1.2)	M N/A	9.2.4.5, 10.6	[ ]Yes [ ]No [ ]N/A
MC 26	the procedures associated with release of the diverting number to the diverted-to user for...				
MC 26.1	CFU?	R 4.4.2 NOT R 4.4.2	O N/A	6.1 table1	[ ]Yes [ ]No [ ]N/A
MC 26.2	CFB?	R 4.4.2 NOT R 4.4.2	O N/A	6.1 table1	[ ]Yes [ ]No [ ]N/A
MC 26.3	CFNR?	R 4.4.2 NOT R 4.4.2	O N/A	6.1 table1	[ ]Yes [ ]No [ ]N/A
MC 26.4	CD?	R 4.4.2 NOT R 4.4.2	O N/A	6.1 table1	[ ]Yes [ ]No [ ]N/A
MC 27	the procedures associated with the sending of reminder notification to the served user for...				
MC 27.1	CFU?	R 4.3 AND R 1.1.2 AND R 3.1 NOT (R 4.3 AND R 1.1.2 AND R 3.1)	O N/A	6.1 table1	[ ]Yes [ ]No [ ]N/A
MC 27.2	CFB?	R 4.3 AND R 1.1.1 AND R 3.1 NOT (R 4.3 AND R 1.1.1 AND R 3.1)	O N/A	6.1 table1	[ ]Yes [ ]No [ ]N/A
MC 27.3	CFNR?	R 4.3 AND R 1.1.3 AND R 3.1 NOT (R 4.3 AND R 1.1.3 AND R 3.1)	O N/A	6.1 table1	[ ]Yes [ ]No [ ]N/A
MC 28	the procedures associated with the diversion of a call within or beyond the private ISDN?	R 3.2 NOT R 3.2	M N/A	10.1	[ ]Yes [ ]No [ ]N/A
MC 29	the procedures for presentation of a diverted call to a private ISDN?	R 3.2 NOT R 3.2	M N/A	10.2	[ ]Yes [ ]No [ ]N/A
MC 30	the procedures for diverted calls presented from a private ISDN?	R 3.2 NOT R 3.2	M N/A	10.4	[ ]Yes [ ]No [ ]N/A
MC 31	procedures of diversion by partial rerouteing for...				
MC 31.1	CFB?	R 3.2 AND R 1.1.1 NOT (R 3.2 AND R 1.1.1)	O N/A	6.1 table 2, 10.5	[ ]Yes [ ]No [ ]N/A
MC 31.2	CFU?	R 3.2 AND R 1.1.2 NOT (R 3.2 AND R 1.1.2)	O N/A	6.1 table 2, 10.5	[ ]Yes [ ]No [ ]N/A
MC 31.3	CFNR?	R 3.2 AND R 1.1.3 NOT (R 3.2 AND R 1.1.3)	O N/A	6.1 table 2, 10.5	[ ]Yes [ ]No [ ]N/A
MC 31.4	CD?	R 3.2 AND R 1.2 NOT (R 3.2 AND R 1.2)	O N/A	6.1 table 2, 10.5	[ ]Yes [ ]No [ ]N/A
MC 32	the procedures of interactions with other networks?		M	11	[ ]Yes [ ]No
O.7	Support of at least one of these options is required.				
Comments:					

A.8.2 Subsidiary capabilities

Table A.7: Subsidiary capabilities - network

Item	Subsidiary capability: Does the implementation...	Conditions for status	Status	Reference	Support
SC 1.1	support retention of the call at the CFNR served user until alerting begins at the diverted-to user?	R 4.3 AND R 1.1.3 NOT (R 4.3 AND R 1.1.3)	O.8 N/A	6.1, 9.2.4.4	[ ]Yes [ ]No [ ]N/A
SC 1.2	support clearing of the call at the CFNR served user on invocation of the call diversion service?	R 4.3 AND R 1.1.3 NOT (R 4.3 AND R 1.1.3)	O.8 N/A	6.1, 9.2.4.4	[ ]Yes [ ]No [ ]N/A
SC 2.1	support retention of the call at the CD served user until alerting begins at the diverted-to user?	R 4.3 AND R 1.2 NOT (R 4.3 AND R 1.2)	O.9 N/A	6.1, 9.2.4.5	[ ]Yes [ ]No [ ]N/A
SC 2.2	support clearing of the call at the CD served user on invocation of the call diversion service?	R 4.3 AND R 1.2 NOT (R 4.3 AND R 1.2)	O.9 N/A	6.1, 9.2.4.5	[ ]Yes [ ]No [ ]N/A
SC 3.1	support retention of the call at the partial rerouteing private ISDN until alerting begins at the diverted-to user?	MC 31.1 OR MC 31.2 OR MC 31.3 OR MC 31.4 NOT (MC 31.1 OR MC 31.2 OR MC 31.3 OR MC 31.4)	O.10 N/A	6.1, 10.5	[ ]Yes [ ]No [ ]N/A
SC 3.2	support clearing of the call at the partial rerouteing private ISDN on invocation of the call diversion service?	MC 31.1 OR MC 31.2 OR MC 31.3 OR MC 31.4 NOT (MC 31.1 OR MC 31.2 OR MC 31.3 OR MC 31.4)	O.10 N/A	6.1, 10.5	[ ]Yes [ ]No [ ]N/A
SC 4	override the value of the subscription option "Diverting number is released to the diverted-to user" with call-by-call indications?	R 4.3 AND R 1.2 NOT (R 4.3 AND R 1.2)	O N/A	6.1, 9.2.4.5	[ ]Yes [ ]No [ ]N/A
O.8 O.9 O.10	Support of at least one of these options is required. Support of at least one of these options is required. Support of at least one of these options is required.				
Comments:					

A.8.3 Protocol data units

No items requiring response.

A.8.4 Protocol data unit parameters

Table A.8: Facility information element components received by the network

Item	Facility information element components: Does the implementation support...	Conditions for status	Status	Reference	Support
P 21	ActivationDiversion invoke?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	7.1, 9.1.1, 10.6	[ ]Yes [ ]No [ ]N/A
P 22	DeactivationDiversion invoke?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	7.1, 9.1.2, 10.6	[ ]Yes [ ]No [ ]N/A
P 23	InterrogationDiversion invoke?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	7.1, 9.1.4, 10.6	[ ]Yes [ ]No [ ]N/A
P 24	InterrogateServedUser Numbers invoke?	MC 11 NOT MC 11	M N/A	7.1, 9.1.3, 10.6	[ ]Yes [ ]No [ ]N/A
P 25	CallDeflection invoke?	R 1.2 AND R 4.3 NOT (R 1.2 AND R 4.3)	M N/A	7.1, 9.2.4.5, 10.6	[ ]Yes [ ]No [ ]N/A
P 26	CallRerouteing invoke?	MC 31.1 OR MC 31.2 OR MC 31.3 OR MC 31.4 NOT (MC 31.1 OR MC 31.2 OR MC 31.3 OR MC 31.4)	M N/A	7.1, 10.5	[ ]Yes [ ]No [ ]N/A
P 27	DivertingLegInformation1 invoke?	R 3.2 AND MC 28 NOT (R 3.2 AND MC 28)	M N/A	7.1, 10.1	[ ]Yes [ ]No [ ]N/A
P 28	DivertingLegInformation2 invoke?	R 3.2 AND MC 30 NOT (R 3.2 AND MC 30)	M N/A	7.1, 10.4	[ ]Yes [ ]No [ ]N/A
P 29	DivertingLegInformation3 invoke?	R 3.2 AND R 4.4.2 NOT R 3.2	M N/A	7.1, 10.1, 10.2	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.9: Facility information element components transmitted by the network

Item	Facility information element components: Does the implementation support...	Conditions for status	Status	Reference	Support
P 30.1	ActivationDiversion return result?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	7.1, 9.1.1, 10.6	[ ]Yes [ ]No [ ]N/A
P 30.2	ActivationDiversion return error?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	7.1, 9.1.1, 10.6	[ ]Yes [ ]No [ ]N/A
P 31.1	DeactivationDiversion return result?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	7.1, 9.1.2, 10.6	[ ]Yes [ ]No [ ]N/A
P 31.2	DeactivationDiversion return error?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	7.1, 9.1.2, 10.6	[ ]Yes [ ]No [ ]N/A
P 32	ActivationStatus NotificationDiv invoke?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	7.1, 9.1.1	[ ]Yes [ ]No [ ]N/A
P 33	DeactivationStatus NotificationDiv invoke?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	7.1, 9.1.2	[ ]Yes [ ]No [ ]N/A
P 34.1	InterrogationDiversion return result?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	7.1, 9.1.4, 10.6	[ ]Yes [ ]No [ ]N/A
P 34.2	InterrogationDiversion return error?	R 1.1 AND R 4.3 NOT (R 1.1 AND R 4.3)	M N/A	7.1, 9.1.4, 10.6	[ ]Yes [ ]No [ ]N/A
P 35.1	InterrogateServedUser Numbers return result?	MC 11 NOT MC 11	M N/A	7.1, 9.1.3, 10.6	[ ]Yes [ ]No [ ]N/A
P 35.2	InterrogateServedUser Numbers return error?	MC 11 NOT MC 11	M N/A	7.1, 9.1.3, 10.6	[ ]Yes [ ]No [ ]N/A
P 36	DiversionInformation invoke?	MC 12.1 OR MC 12.2 OR MC 12.3 NOT (MC 12.1 OR MC 12.2 OR MC 12.3)	M N/A	7.1, 9.2.4.1, 9.2.4.2, 9.2.4.3, 9.2.4.4, 10.6	[ ]Yes [ ]No [ ]N/A
P 37.1	CallDeflection return result?	R 1.2 AND R 4.3 NOT (R 1.2 AND R 4.3)	M N/A	7.1, 9.2.4.5, 10.6	[ ]Yes [ ]No [ ]N/A
P 37.2	CallDeflection return error?	R 1.2 AND R 4.3 NOT (R 1.2 AND R 4.3)	M N/A	7.1, 9.2.4.5, 10.6	[ ]Yes [ ]No [ ]N/A
P 38.1	CallRerouteing return result?	MC 31.1 OR MC 31.2 OR MC 31.3 OR MC 31.4 NOT (MC 31.1 OR MC 31.2 OR MC 31.3 OR MC 31.4)	M N/A	7.1, 10.5	[ ]Yes [ ]No [ ]N/A
P 38.2	CallRerouteing return error?	MC 31.1 OR MC 31.2 OR MC 31.3 OR MC 31.4 NOT (MC 31.1 OR MC 31.2 OR MC 31.3 OR MC 31.4)	M N/A	7.1, 10.5	[ ]Yes [ ]No [ ]N/A
P 39	DivertingLegInformation2 invoke?	R 3.2 AND R 4.4.2 NOT (R 3.2 AND R 4.4.2)	M N/A	7.1, 10.2	[ ]Yes [ ]No [ ]N/A
P 40	DivertingLegInformation3 invoke?	R 3.2 AND MC 30 NOT (R 3.2 MC 30)	M N/A	7.1, 10.4	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.10: Notification indicator information element values transmitted by the network

Item	Notification indicator information element values: Does the implementation support...	Conditions for status	Status	Reference	Support
P 41.1	"Call is diverting"?	R 4.4.1 NOT R 4.4.1	M N/A	7.2.1, 9.2.2.1	[ ]Yes [ ]No [ ]N/A
P 41.2	"Diversion activated"?	MC 27.1 OR MC 27.2 OR MC 27.3 NOT (MC 27.1 OR MC 27.2 OR MC 27.3)	M N/A	7.2.1, 9.3.1	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.11: SETUP PDU information elements transmitted by the network

Item	SETUP PDU information elements: Does the implementation support...	Conditions for status	Status	Reference	Support
P 42	Redirecting number?	R 4.4.2 NOT R 4.4.2	M N/A	7.2.2, 9.2.5.1	[ ]Yes [ ]No [ ]N/A
NOTE:	These parameters are additional to those required for support of basic call (ETS 300 102-1 [1]).				
Comments:					

Table A.12: ALERTING PDU information elements transmitted by the network

Item	ALERTING PDU information elements: Does the implementation support...	Conditions for status	Status	Reference	Support
P 43	Redirection number?	R 4.4.1 NOT R 4.4.1	O.11 N/A	7.2.3, 9.2.3.1, 10.3	[ ]Yes [ ]No [ ]N/A
O.11	See table A.16.				
NOTE:	These parameters are additional to those required for support of basic call (ETS 300 102-1 [1]).				
Comments:					

Table A.13: CONNECT PDU information elements transmitted by the network

Item	CONNECT PDU information elements: Does the implementation support...	Conditions for status	Status	Reference	Support
P 44	Redirection number?	R 4.4.1 NOT R 4.4.1	O.11 N/A	7.2.3, 9.2.3.1, 10.3	[ ]Yes [ ]No [ ]N/A
O.11	See table A.16.				
NOTE:	These parameters are additional to those required for support of basic call (ETS 300 102-1 [1]).				
Comments:					

Table A.14: INFORMATION PDU information elements transmitted by the network

Item	INFORMATION PDU information elements: Does the implementation support...	Conditions for status	Status	Reference	Support
P 45	Redirection number?	R 4.4.1 NOT R 4.4.1	O.11 N/A	7.2.3, 9.2.3.1, 10.3	[ ]Yes [ ]No [ ]N/A
O.11	See table A.16.				
NOTE:	These parameters are additional to those required for support of basic call (ETS 300 102-1 [1]).				
Comments:					

Table A.15: NOTIFY PDU information elements transmitted by the network

Item	NOTIFY PDU information elements: Does the implementation support...	Conditions for status	Status	Reference	Support
P 46	Redirection number?	R 4.4.1 NOT R 4.4.1	O.11 N/A	7.2.3, 9.2.3.1, 10.3	[ ]Yes [ ]No [ ]N/A
O.11	See table A.16.				
NOTE:	These parameters are additional to those required for support of basic call (ETS 300 102-1 [1]).				
Comments:					

Table A.16: PROGRESS PDU information elements transmitted by the network

Item	PROGRESS PDU information elements: Does the implementation support...	Conditions for status	Status	Reference	Support
P 47	Redirection number?	R 4.4.1 NOT R 4.4.1	O.11 N/A	7.2.3, 9.2.3.1, 10.3	[ ]Yes [ ]No [ ]N/A
O.11	Support of at least one of these options is required.				
NOTE:	These parameters are additional to those required for support of basic call (ETS 300 102-1 [1]).				
Comments:					

A.8.5 Timers

Table A.17: Timers - network

Item	Timer: Does the implementation support...	Conditions for status	Status	Reference	Support
TM 1	T-CFNR?	R 1.1.3 AND R 4.3 NOT (R 1.1.3 AND R 4.3)	M N/A	9.2.4.4, 13	[ ]Yes [ ]No [ ]N/A
Comments:					

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, generic functional protocol and supplementary service interactions PICS proforma required for support of ETS 300 207-1 [6]. 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 this ETS. "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

No additional requirements.

B.1.2 Requirements on items used in the generic functional protocol PICS

In the tabulations which follow in this subclause all item numbers are as contained in ETS 300 196-2 [5]. All references are to ETS 300 207-1 [6] unless otherwise stated.

Table B.1: Major capabilities - user

Item	Major capability: Does the implementation support...	Status base	SS conditions for status	SS status	Reference
MCu 2	the functional protocol (common information element category) for the control of supplementary services?	O	R 4.1 OR R 3.2 NOT (R 4.1 OR R 3.2)	M N/A	6.3, 8
MCu 2.2	bearer independent supplementary services procedure?	O	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	8.3.2
MCu 2.3	point-to-point (bearer related) transport mechanism?	C	(R 1.2 AND R 4.1) OR R 3.2 NOT ((R 1.2 AND R 4.1) OR R 3.2)	M N/A	8.3.1, 8.3.1.1
MCu 5	generic procedures for the supplementary services management?	O	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	10.2
MCu 5.1	activation?	C	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	10.2.2
MCu 5.2	deactivation?	C	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	10.2.3
MCu 5.3	interrogation?	C	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	10.2.4

Table B.2: Messages transmitted - user

Item	Message: Does the implementation support...	Status base	SS conditions for status	SS status	Reference
MTu 1	the inclusion of FACILITY?	O	R 2.1 NOT R 2.1	M N/A	9, 10 [4] 8.3, 11.1.1.1

Table B.3: Messages received - user

Item	Message: Does the implementation support...	Status base	SS conditions for status	SS status	Reference
MRu 1	the interpretation of FACILITY?	O	R 2.1 NOT R 2.1	M N/A	9, 10 [4] 8.3, 11.1.1.1

B.1.3 Requirements on items used in the supplementary service interactions PICS

In the tabulations which follow in this subclause all item numbers are as contained in ETS 300 195-2 [3]. All references are to ETS 300 207-1 [6] unless otherwise stated.

Table B.4: Major capabilities - user

Item	Major capability: Does the implementation support...	Status base	SS conditions for status	SS status	Reference
MC 1.21	the CFB supplementary service interactions with other implemented supplementary services?	O	R 2.1 AND R 1.1.1 NOT (R 2.1 AND R 1.1.1)	M N/A	12, [2] 5.5, 5.21, 5.22, 5.23
MC 1.22	the CFNR supplementary service interactions with other implemented supplementary services?	O	R 2.1 AND R 1.1.3 NOT (R 2.1 AND R 1.1.3)	M N/A	12, [2] 5.6, 5.24, 5.25, 5.26
MC 1.23	the CFU supplementary service interactions with other implemented supplementary services?	O	R 2.1 AND R 1.1.2 NOT (R 2.1 AND R 1.1.2)	M N/A	12, [2] 5.7, 5.27, 5.28, 5.29
MC 1.24	the CD supplementary service interactions with other implemented supplementary services?	O	R 2.1 AND R 1.2 NOT (R 2.1 AND R 1.2)	M N/A	12, [2] 5.4, 5.18, 5.19, 5.20

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 I-ETS 300 316 [7] and I-ETS 300 317 [8]. All references are to ETS 300 207-1 [6] unless otherwise stated.

Table B.5: Information elements - network to user (transmitted by the network)

Item	Message: Does the implementation support...	Status base	SS conditions for status	SS status	Reference
IET 19	the inclusion of Notification indicator?	O	R 4.3 OR R 4.4.1 NOT (R 4.4 OR R 4.4.1)	M N/A	9.2.2.1, 9.3.1, 10.3 [1] 4.5.21

B.2.2 Requirements on items used in the generic functional protocol PICS

In the tabulations which follow in this subclause all item numbers are as contained in ETS 300 196-2 [5]. All references are to ETS 300 207-1 [6] unless otherwise stated.

Table B.6: Major capabilities - network

Item	Major capability: Does the implementation support...	Status base	SS conditions for status	SS status	Reference
MCn 2	the functional protocol (common information element category) for the control of supplementary services?	O	R 2.2 NOT R 2.2	M N/A	6.3, 8
MCn 2.2	bearer independent supplementary services procedure?	O	R 1.1 AND R 2.2 NOT (R 1.1 AND R 2.2)	M N/A	8.3.2
MCn 2.3	point-to-point (bearer related) transport mechanism?	C	R 2.2 AND (R 1.2 OR R 3.2) NOT (R 2.2 AND (R 1.2 OR R 3.2))	M N/A	8.3.1, 8.3.1.1
MCn 5	generic procedures for the supplementary services management?	O	R 1.1 AND R 2.2 NOT (R 1.1 AND R 2.2)	M N/A	10.2
MCn 5.1	activation?	C	R 1.1 AND R 2.2 NOT (R 1.1 AND R 2.2)	M N/A	10.2.2
MCn 5.2	deactivation?	C	R 1.1 AND R 2.2 NOT (R 1.1 AND R 2.2)	M N/A	10.2.3
MCn 5.3	interrogation?	C	R 1.1 AND R 2.2 NOT (R 1.1 AND R 2.2)	M N/A	10.2.4

Table B.7: Messages transmitted - network

Item	Message: Does the implementation support...	Status base	SS conditions for status	SS status	Reference
MTn 1	the inclusion of FACILITY?	O	R 2.2 NOT R 2.2	M N/A	9, 10 [4] 8.3, 11.1.1.1

B.2.3 Requirements on items used in the supplementary service interactions PICS

In the tabulations which follow in this subclause all item numbers are as contained in ETS 300 195-2 [3]. All references are to ETS 300 207-1 [6] unless otherwise stated.

Table B.8: Major capabilities - network

Item	Major capability: Does the implementation support...	Status Base	SS conditions for status	SS status	Reference
MC 2.21	the CFB supplementary service interactions with other implemented supplementary services?	O	R 2.2 AND R 1.1.1 NOT (R 2.2 AND R 1.1.1)	M N/A	12, [2] 5.5, 5.21, 5.22, 5.23
MC 2.22	the CFNR supplementary service interactions with other implemented supplementary services?	O	R 2.2 AND R 1.1.3 NOT (R 2.2 AND R 1.1.3)	M N/A	12, [2] 5.6, 5.24, 5.25, 5.26
MC 2.23	the CFU supplementary service interactions with other implemented supplementary services?	O	R 2.2 AND R 1.1.2 NOT (R 2.2 AND R 1.1.2)	M N/A	12, [2] 5.7, 5.27, 5.28, 5.29
MC 2.24	the CD supplementary service interactions with other implemented supplementary services?	O	R 2.2 AND R 1.2 NOT (R 2.2 AND R 1.2)	M N/A	12, [2] 5.4, 5.18, 5.19, 5.20

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