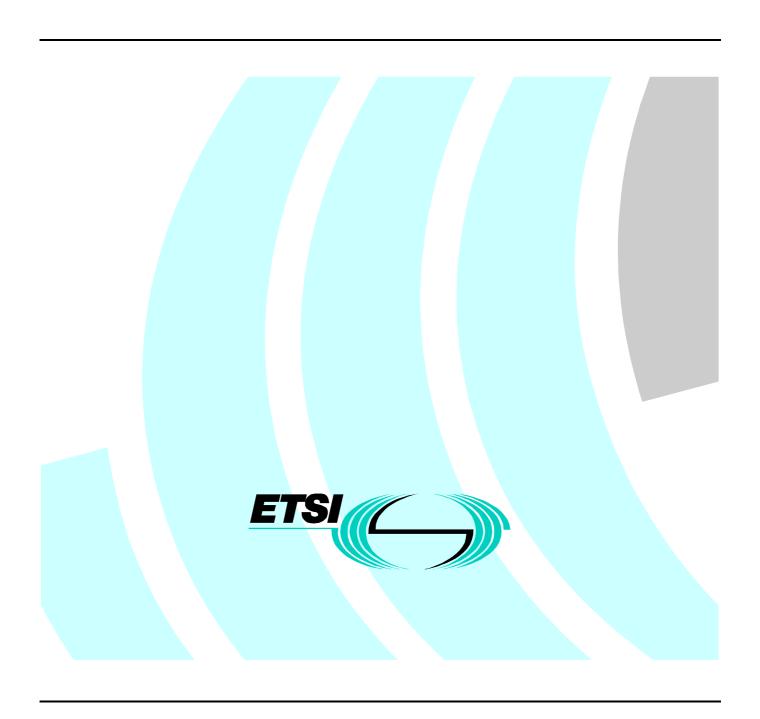# ETSI EN 300 207-2 V2.0.1 (2000-04)

European Standard (Telecommunications series)

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

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Contents

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Services and Protocols for Advanced Networks (SPAN).

The present document is part 2 of a multi-part EN 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: "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).

National transposition dates	
Date of adoption of this EN:	21 April 2000
Date of latest announcement of this EN (doa):	31 July 2000
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 January 2001
Date of withdrawal of any conflicting National Standard (dow):	31 January 2001

1   Scope

This second part of EN 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 [11]) 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 [10]).

The present document provides the Protocol Implementation Conformance Statement (PICS) proforma for the ISDN DSS1 diversion supplementary services protocol as specified in EN 300 207-1 [5] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [9].

The supplier of a protocol implementation which is claimed to conform to EN 300 207-1 [5] 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]   Void.

[2]   ETSI EN 300 195-2 (V1.3): "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".

[3]   Void.

[4]   ETSI ETS 300 196-2 (1996): "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".

[5]   ETSI EN 300 207-1 (V1.2): "Integrated Services Digital Network (ISDN); Diversion supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[6]   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]".

[7]   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".

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

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

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

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

[12]   ETSI ES 201 481: "Integrated Services Digital Network (ISDN); ISDN service enhancements based on DDI ranges for call diversion".

3   Definitions, symbols and abbreviations

3.1   Definitions

For the purposes of the present document the following terms and definitions, in addition to those given in EN 300 207-1 [5] 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 [8])

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 [8])

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 [8])

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)
OR	Boolean "or"
Yes	supported

3.3   Abbreviations

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

CD	Call Deflection
CFB	Call Forwarding Busy
CFNR	Call Forwarding No Reply
CFU	Call Forwarding Unconditional
DDI	Direct Dialling In
DSS1	Digital Subscriber Signalling System No. one
ISDN	Integrated Services Digital Network
IUT	Implementation Under Test
MC	Major Capabilities
MR	Messages Received
MT	Messages Transmitted
NDUB	Network Determined User Busy
OSI	Open Systems Interconnection
P	Parameters
PICS	Protocol Implementation Conformance Statement
R	Role
SC	Subsidiary Capabilities
SCF	Selective Call Forwarding
SCFB	Selective Call Forwarding Busy
SCFNR	Selective Call Forwarding No Reply
SCFU	Selective Call Forwarding Unconditional
SCS	System Conformance Statement
SUT	System Under Test
TM	Timers
UDUB	User Determined User Busy

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 300 207-1 [5];

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 300 207-1

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 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 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 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.

The reference column contained in the tables gives reference to the appropriate part(s) of EN 300 207-1 (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 300 207-1 (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, 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, are used for the support column:

    Yes   for supported/implemented
    No   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:

....

....

A.2.4   Product supplier

Name:

....

Address:

....

....

....

Telephone number:

....

Facsimile number:

....

Additional information:

....

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....

A.2.5   Client

Name:

....

Address:

....

....

....

Telephone number:

....

Facsimile number:

....

Additional information:

....

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....

A.2.6 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 standard:

EN 300 207-1(V1.2): "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

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: 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 1.3	support the SCF supplementary service?	R 1.1 NOT R 1.1	O N/A		[ ]Yes [ ]No [ ]N/A
R 1.3.1	support the SCFB supplementary service?	R 1.1.1 NOT R 1.1.1	O.2 N/A		[ ]Yes [ ]No [ ]N/A
R 1.3.2	support the SCFU supplementary service?	R 1.1.2 NOT R 1.1.2	O.2 N/A		[ ]Yes [ ]No [ ]N/A
R 1.3.3	support the SCFNR supplementary service?	R 1.1.3 NOT R 1.1.3	0.2 N/A		[ ]Yes [ ]No [ ]N/A
R.1.4	support of Diversion supplementary services on DDI ranges		O N/A		[ ]Yes [ ]No [ ]N/A
R.1.4.1	support of CFB supplementary service on DDI ranges	R 1.1.1 AND R 1.4 NOT R 1.4	O N/A		[ ]Yes [ ]No [ ]N/A
R.1.4.2	support of CFU supplementary service on DDI ranges	R 1.1.2 AND R 1.4 NOT R 1.4	O N/A		[ ]Yes [ ]No [ ]N/A
R.1.4.3	support of CFNR supplementary service on DDI ranges	R 1.1.3 AND R 1.4 NOT R 1.4	O N/A		[ ]Yes [ ]No [ ]N/A
R.1.4.4	support of CD supplementary service on DDI ranges	R 1.2 AND R 1.4 NOT R 1.4	O N/A		[ ]Yes [ ]No [ ]N/A
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

Item	Major role: Does the implementation...	Conditions for status	Status	Reference	Support
	Type of implementation				
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 (EN 300 403-1).				
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 3.1	the procedures for the interrogation of the SCF list?	R 1.3 AND R 4.1 NOT (R 1.3 AND R 4.1)	M N/A	9.1.5, 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 4.1	the procedures for the interrogation of the details of the instance(s) of a SCF service?	R 1.3 AND R 4.1 NOT (R 1.3 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

Item	Major capability: Does the implementation support…	Conditions for status	Status	Reference	Support
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 1.1.1	ActivationSCF return result?	R 1.3 AND R 4.1 NOT (R 1.3 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 1.2.1	ActivationSCF return error?	R 1.3 AND R 4.1 NOT (R 1.3 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 2.1.1	DeactivationSCF return result?	R 1.3 AND R 4.1 NOT (R 1.3 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 2.2.1	DeactivationSCF return error?	R 1.3 AND R 4.1 NOT (R 1.3 AND R 4.1)	M N/A	7.1, 9.1.2, 10.6	[ ]Yes [ ]No [ ]N/A
P 3	ActivationStatusNotificationDiv 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 3.1	ActivationStatus NotificationSCF 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	DeactivationStatusNotificationDiv 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

Item	Facility information element components: Does the implementation support...	Conditions for status	Status	Reference	Support
P 4.1	DeactivationStatus NotificationSCF 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 5.1.1	InterrogationSCF return result?	R 1.3 AND R 4.1 NOT (R 1.3 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 5.2.1	InterrogationSCF return error?	R 1.3 AND R 4.1 NOT (R 1.3 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 6.1.1	InterrogateSCFList return result?	R 1.3 AND R 4.1 NOT (R 1.3 AND R 4.1)	M N/A	7.1, 9.1.5, 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 6.2.1	InterrogateSCFList return error?	R 1.3 AND R 4.1 NOT (R 1.3 AND R 4.1)	M N/A	7.1, 9.1.5, 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 12.1	ActivationSCF invoke?	R 1.3 AND R 4.1 NOT (R 1.3 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 13.1	DeactivationSCF invoke?	R 1.3 AND R 4.1 NOT (R 1.3 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 14.1	InterrogationSCF invoke?	R 1.3 AND R 4.1 NOT (R 1.3 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 15.1	InterrogateSCFLists invoke?	R 1.3 AND R 4.1 NOT (R 1.3 AND R 4.1)	M N/A	7.1, 9.1.5, 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 4 s)	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	13; 10.2.7	[ ]Yes [ ]No [ ]N/A
TM 2	T-DEACTIVATE? (Value 4 s)	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	13; 10.2.7	[ ]Yes [ ]No [ ]N/A
TM 3	T-INTERROGATE? (Value 4 s)	R 1.1 AND R 4.1 NOT (R 1.1 AND R 4.1)	M N/A	13; 10.2.7	[ ]Yes [ ]No [ ]N/A
NOTE:	The generic support of these timers is specified in ETS 300 196-2. This table includes the values required by EN 300 207-1.				
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 10.3	the provision of diversion supplementary service(s) on DDI number ranges?	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 OR R.1.3 NOT (MC 10.1 AND R 1.1 OR R 1.3)	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

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MC 15.1	the procedures for activation of a specific SCF supplementary service?	MC 15 NOT MC 15	O 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 16.1	the procedures for deactivation of a specific SCF supplementary service?	MC 16 NOT MC 16	O 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 17.1	the procedures for interrogation of the SCF list?	MC 17 NOT MC 17	O N/A	9.1.5, 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 18.1	the procedures for interrogation of the details of the instance(s) of a SCF supplementary service?	MC 18 NOT MC 18	O 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
MC 21.1	the procedures for the SCFU supplementary service at the served user?	R 4.3 AND R 1.3.2 NOT (R4.3 AND R 1.3.2)	M N/A	9.2.6, 10.6	[ ]Yes [ ]No [ ]N/A
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 22.1	the Network Determined User Busy (NDUB) procedures for the SCFB supplementary service at the served user?	R 4.3 AND R 1.3.1 NOT (R 4.3 AND R 1..3.1)	M N/A	9.2.6, 10.6	[ ]Yes [ ]No [ ]N/A
MC23	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 23.1	the User Determined User Busy (UDUB) procedures for the SCFB supplementary service at the served user?	R 4.3 AND R 1.3.1 NOT (R 4.3 AND R 1..3.1)	M N/A	9.2.6, 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 24.1	the procedures for the SCFNR supplementary service at the served user?	R 4.3 AND R 1.3.3 NOT (R 4.3 AND R 1.3.3)	M N/A	9.2.6, 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

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
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 1.3	support retention of the call at the SCFNR served user until alerting begins at the diverted-to user?	R 4.3 AND R 1.3.3 NOT (R 4.3 AND R 1.3.3)	O.11 N/A	6.1, 9.2.4.4	[ ]Yes [ ]No [ ]N/A
SC 1.4	support clearing of the call at the SCFNR served user on invocation of the call diversion service?	R 4.3 AND R 1.3.3 NOT (R 4.3 AND R 1.3.3)	O.11 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 O.11	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. 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 21.1	ActivationSCF invoke?	R 1.3 AND R 4.3 NOT (R 1.3 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 22.1	DeactivationSCF invoke?	R 1.3 AND R 4.3 NOT (R 1.3 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 23.1	InterrogationSCF invoke?	R 1.3 AND R 4.3 NOT (R 1.3 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 24.1	InterrogationSCFList invoke?	R 1.3 AND R 4.3 NOT (R 1.3 AND R 4.3)	M N/A	7.1, 9.1.5, 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 30.1.1	ActivationSCF return result?	R 1.3 AND R 4.3 NOT (R 1.3 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 30.2.1	ActivationSCF return error?	R 1.3 AND R 4.3 NOT (R 1.3 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 31.1.1	DeactivationSCF return result?	R 1.3 AND R 4.3 NOT (R 1.3 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

Item	Facility information element components: Does the implementation support...	Conditions for status	Status	Reference	Support
P 31.2.1	DeactivationSCF return error?	R 1.3 AND R 4.3 NOT (R 1.3 AND R 4.3)	M N/A	7.1, 9.1.2, 10.6	[ ]Yes [ ]No [ ]N/A
P 32	ActivationStatusNotificationDiv 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 32.1	ActivationStatus NotificationSCF 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	DeactivationStatusNotificationDiv 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 33.1	DeactivationStatus NotificationSCF 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 35.1.1	InterrogateSCFList return result?	MC 11.1 NOT MC 11.1	M N/A	7.1, 9.1.5, 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 35.2	InterrogateSCFList return error?	MC 11.1 NOT MC 11.1	M N/A	7.1, 9.1.5, 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 (EN 300 403-1).					
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 (EN 300 403-1).					
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 (EN 300 403-1).					
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 (EN 300 403-1).					
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 (EN 300 403-1).					
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 (EN 300 403-1).					
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 EN 300 207-1 [5]. 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

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 [4]. All references are to EN 300 207-1 [5] 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; [3] 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; [3] 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 [2]. All references are to EN 300 207-1 [5] 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; [1] 5.5, 5.21, 5.22, 5.23
MC 1.21.1	the SCFB supplementary service interactions with other implemented supplementary services?	O	R 2.1 AND R 1.3.1 NOT (R 2.1 AND R 1.3.1)	M N/A	12; [1] 5.67
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; [1] 5.6, 5.24, 5.25, 5.26
MC 1.22.1	the SCFNR supplementary service interactions with other implemented supplementary services?	O	R 2.1 AND R 1.3.3 NOT (R 2.1 AND R 1.3.3)	M N/A	12; [1] 5.67
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; [1] 5.7, 5.27, 5.28, 5.29
MC 1.23.1	the SCFU supplementary service interactions with other implemented supplementary services?	O	R 2.1 AND R 1.3.2 NOT (R 2.1 AND R 1.3.2)	M N/A	12; [1] 5.67
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; [1] 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 EN 300 403-3 [7]. All references are to EN 300 207-1 [5] 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
MTn9-IE19	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; [6] 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 [4]. All references are to EN 300 207-1 [5] 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; [3] 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 [2]. All references are to EN 300 207-1 [5] 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; [1] 5.5, 5.21, 5.22, 5.23
MC 2.21.1	the SCFB supplementary service interactions with other implemented supplementary services?	O	R 2.2 AND R 1.3.1 NOT (R 2.2 AND R 1.3.1)	M N/A	12; [1] 5.67
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; [1] 5.6, 5.24, 5.25, 5.26
MC 2.22.1	the SCFNR supplementary service interactions with other implemented supplementary services?	O	R 2.2 AND R 1.3.3 NOT (R 2.2 AND R 1.3.3)	M N/A	12; [1] 5.67
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; [1] 5.7, 5.27, 5.28, 5.29
MC 2.23.1	the SCFU supplementary service interactions with other implemented supplementary services?	O	R 2.2 AND R 1.3.2 NOT (R 2.2 AND R 1.3.2)	M N/A	12; [1] 5.67
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; [1] 5.4, 5.18, 5.19, 5.20

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