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

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## 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) supplementary service interactions, 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).

<b>Proposed transposition dates</b>	
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 300 195 is applicable to the stage three of the supplementary service interactions 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 [10]) 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 [9]).

This ETS provides the Protocol Implementation Conformance Statement (PICS) proforma for the ISDN DSS1 supplementary service interactions protocol as specified in ETS 300 195-1 [2] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [8].

The supplier of a protocol implementation which is claimed to conform to ETS 300 195-1 [2] 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] I-ETS 300 314 (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, user)".
- [4] I-ETS 300 315 (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, user)".
- [5] 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)".
- [6] 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)".
- [7] ISO/IEC 9646-1: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 1: General concepts".
- [8] ISO/IEC 9646-7: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".

- [9] CCITT Recommendation I.130 (1988): "Method for the characterization of telecommunication services supported by an ISDN and network capabilities of an ISDN".
- [10] 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 300 195-1 [2]:

**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 [7]).

**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 [7]).

**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 [7]).

### 4 Symbols and abbreviations

For the purposes of this ETS, the following abbreviations apply, in addition to those given in ETS 300 195-1 [2]:

AND	Boolean "and"
C	Conditional requirement (to be observed if the relevant conditions apply)
DSS1	Digital Subscriber Signalling System No. one
ISDN	Integrated Services Digital Network
IUT	Implementation Under Test
M	Mandatory requirement (to be observed in all cases)
MC	Major Capabilities
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
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 300 195-1 [2];
- 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 [7] 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 [8].

The reference column contained in the tables gives reference to the appropriate part(s) of ETS 300 195-1 [2] 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 300 195-1 [2] 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 [8], 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 [8], 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:

.....  
.....

Hardware configuration:

.....  
.....  
.....

Operating system:

.....  
.....

**A.2.3 Product supplier**

Name:

.....

Address:

.....  
.....  
.....

Telephone number:

.....

Facsimile number:

.....

Additional information:

.....  
.....  
.....

**A.2.4 Client**

Name:

.....

Address:

.....  
.....  
.....

Telephone number:

.....

Facsimile number:

.....

Additional information:

.....  
.....  
.....

**A.2.5 PICS contact person**

Name:

.....

Address:

.....

.....

.....

Telephone number:

.....

Facsimile number:

.....

Additional information:

.....

.....

.....

**A.3 PICS/System Conformance Statement (SCS)**

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:

**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".

### 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 300 195-1 [2] 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
<b>Type of implementation</b>					
R 1	not used (note)				
R 2.1	support user requirements?		O.1		<input type="checkbox"/> Yes <input type="checkbox"/> No
R 2.2	support network requirements?		O.1		<input type="checkbox"/> Yes <input type="checkbox"/> No
R 3	not used				
R 4	not used				
O.1	Support of one and only one of these options is required.				
Comments:					

## A.7 User

The tables provided in this clause need only to be completed for user implementations, where item R 2.1 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	<b>General capabilities</b>				
MC 1.1	the CLIP supplementary service interactions with other implemented supplementary services?		O.2	5, 5.38	[ ]Yes [ ]No
MC 1.2	the CLIR supplementary service interactions with other implemented supplementary services?		O.2	5, 5.39	[ ]Yes [ ]No
MC 1.3	the DDI supplementary service interactions with other implemented supplementary services?		O.2	5	[ ]Yes [ ]No
MC 1.4	the MSN supplementary service interactions with other implemented supplementary services?		O.2	5, 5.41	[ ]Yes [ ]No
MC 1.5	the TP supplementary service interactions with other implemented supplementary services?		O.2	5, 5.10, 5.14, 5.30, 5.31, 5.45, 5.48	[ ]Yes [ ]No
MC 1.6	the CW supplementary service interactions with other implemented supplementary services?		O.2	5, 5.47	[ ]Yes [ ]No
MC 1.7	the CCBS supplementary service interactions with other implemented supplementary services?		O.2	5, 5.3, 5.37, 5.38, 5.39, 5.40, 5.41, 5.42, 5.47	[ ]Yes [ ]No
MC 1.8	the CUG supplementary service interactions with other implemented supplementary services?		O.2	5, 5.12, 5.33, 5.40, 5.44	[ ]Yes [ ]No
MC 1.9	the UUS supplementary service interactions with other implemented supplementary services?		O.2	5, 5.16, 5.20, 5.23, 5.26, 5.29, 5.36, 5.37, 5.48	[ ]Yes [ ]No
MC 1.10	the SUB supplementary service interactions with other implemented supplementary services?		O.2	5, 5.42	[ ]Yes [ ]No
MC 1.11	the 3PTY supplementary service interactions with other implemented supplementary services?		O.2	5, 5.8, 5.15, 5.30, 5.32, 5.33, 5.35	[ ]Yes [ ]No
MC 1.12	the AOC-S supplementary service interactions with other implemented supplementary services?		O.2	5, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10	[ ]Yes [ ]No
MC 1.13	the AOC-D supplementary service interactions with other implemented supplementary services?		O.2	5, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10	[ ]Yes [ ]No
MC 1.14	the AOC-E supplementary service interactions with other implemented supplementary services?		O.2	5, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10	[ ]Yes [ ]No
MC 1.15	the COLP supplementary service interactions with other implemented supplementary services?		O.2	5, 5.18, 5.21, 5.24, 5.27, 5.43	[ ]Yes [ ]No
MC 1.16	the COLR supplementary service interactions with other implemented supplementary services?		O.2	5, 5.19, 5.22, 5.25, 5.28	[ ]Yes [ ]No
MC 1.17	the MCID supplementary service interactions with other implemented supplementary services?		O.2	5, 5.34, 5.46	[ ]Yes [ ]No
MC 1.18	the CONF supplementary service interactions with other implemented supplementary services?		O.2	5, 5.9, 5.11, 5.12, 5.13, 5.14, 5.15, 5.16, 5.17, 5.46	[ ]Yes [ ]No
MC 1.19	the FPH supplementary service interactions with other implemented supplementary services?		O.2	5, 5.43	[ ]Yes [ ]No
MC 1.20	the ECT supplementary service interactions with other implemented supplementary services?		O.2	5, 5.2, 5.17, 5.34, 5.35, 5.36, 5.44, 5.45	[ ]Yes [ ]No
MC 1.21	the CFB supplementary service interactions with other implemented supplementary services?		O.2	5, 5.5, 5.21, 5.22, 5.23	[ ]Yes [ ]No
MC 1.22	the CFNR supplementary service interactions with other implemented supplementary services?		O.2	5, 5.6, 5.24, 5.25, 5.26	[ ]Yes [ ]No
MC 1.23	the CFU supplementary service interactions with other implemented supplementary services?		O.2	5, 5.7, 5.27, 5.28, 5.29	[ ]Yes [ ]No
MC 1.24	the CD supplementary service interactions with other implemented supplementary services?		O.2	5, 5.4, 5.18, 5.19, 5.20	[ ]Yes [ ]No
MC 1.25	the HOLD supplementary service interactions with other implemented supplementary services?		O.2	5, 5.11, 5.31, 5.32	[ ]Yes [ ]No
O.2	Support of at least two of these options is required.				

(continued)

**Table A.2 (concluded): Major capabilities - user**

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	IdentificationOfCharge return error?	MC 1.14 AND (MC 1.20 OR MC 1.24) NOT (MC 1.14 AND (MC 1.20 OR MC 1.24))	O N/A	5.2.2.1.2, 5.4.2.1.2, 5.4.3.2.2	[ ]Yes [ ]No [ ]N/A
P 2	IdentifyConferee invoke?	MC 1.18 AND (MC 1.5 OR MC 1.9 OR MC 1.25) NOT (MC 1.18 AND (MC 1.5 OR MC 1.9 OR MC 1.25))	M N/A	5.11.2.2.1, 5.13.2.3.1, 5.14.2.2.1, 5.15.2.4.1, 5.16.2.2.1, 5.17.2.2.1	[ ]Yes [ ]No [ ]N/A
Comments:					

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

Item	Facility information element components: Does the implementation support...	Conditions for status	Status	Reference	Support
P 3	IdentificationOfCharge invoke?	MC 1.14 AND (MC 1.20 OR MC 1.24) NOT (MC 1.14 AND (MC 1.20 OR MC 1.24))	O N/A	5.2.1, 5.2.2.1.1, 5.2.2.1.2, 5.4.2.1.1, 5.4.3.2.1	[ ]Yes [ ]No [ ]N/A
P 4	UUSRequest invoke? (note)	MC 1.9 NOT MC 1.9	O N/A	5.23.1, 5.23.3.2.1	[ ]Yes [ ]No [ ]N/A
NOTE:	This item is only applicable if partial rerouting is supported by the network. This question is to be answered in the PICS of the corresponding individual protocol standard.				
Comments:					



### A.7.5 Timers

No items requiring response.

### A.7.6 Call states

No items requiring response.

## A.8 Network

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

### A.8.1 Major capabilities

**Table A.5: Major capabilities - network**

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MC 2	<b>General capabilities</b>				
MC 2.1	the CLIP supplementary service interactions with other implemented supplementary services?		O.3	5, 5.38	[ ]Yes [ ]No
MC 2.2	the CLIR supplementary service interactions with other implemented supplementary services?		O.3	5, 5.39	[ ]Yes [ ]No
MC 2.3	the DDI supplementary service interactions with other implemented supplementary services?		O.3	5	[ ]Yes [ ]No
MC 2.4	the MSN supplementary service interactions with other implemented supplementary services?		O.3	5, 5.41	[ ]Yes [ ]No
MC 2.5	the TP supplementary service interactions with other implemented supplementary services?		O.3	5, 5.10, 5.14, 5.30, 5.31, 5.45, 5.48	[ ]Yes [ ]No
MC 2.6	the CW supplementary service interactions with other implemented supplementary services?		O.3	5, 5.47	[ ]Yes [ ]No
MC 2.7	the CCBS supplementary service interactions with other implemented supplementary services?		O.3	5, 5.3, 5.37, 5.38, 5.39, 5.40, 5.41, 5.42, 5.47	[ ]Yes [ ]No
MC 2.8	the CUG supplementary service interactions with other implemented supplementary services?		O.3	5, 5.12, 5.33, 5.40, 5.44	[ ]Yes [ ]No
MC 2.9	the UUS supplementary service interactions with other implemented supplementary services?		O.3	5, 5.16, 5.20, 5.23, 5.26, 5.29, 5.36, 5.37, 5.48	[ ]Yes [ ]No
MC 2.10	the SUB supplementary service interactions with other implemented supplementary services?		O.3	5, 5.42	[ ]Yes [ ]No
MC 2.11	the 3PTY supplementary service interactions with other implemented supplementary services?		O.3	5, 5.8, 5.15, 5.30, 5.32, 5.33, 5.35	[ ]Yes [ ]No
MC 2.12	the AOC-S supplementary service interactions with other implemented supplementary services?		O.3	5, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10	[ ]Yes [ ]No
MC 2.13	the AOC-D supplementary service interactions with other implemented supplementary services?		O.3	5, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10	[ ]Yes [ ]No
MC 2.14	the AOC-E supplementary service interactions with other implemented supplementary services?		O.3	5, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10	[ ]Yes [ ]No
MC 2.15	the COLP supplementary service interactions with other implemented supplementary services?		O.3	5, 5.18, 5.21, 5.24, 5.27, 5.43	[ ]Yes [ ]No
MC 2.16	the COLR supplementary service interactions with other implemented supplementary services?		O.3	5, 5.19, 5.22, 5.25, 5.28	[ ]Yes [ ]No
MC 2.17	the MCID supplementary service interactions with other implemented supplementary services?		O.3	5, 5.34, 5.46	[ ]Yes [ ]No
MC 2.18	the CONF supplementary service interactions with other implemented supplementary services?		O.3	5, 5.9, 5.11, 5.12, 5.13, 5.14, 5.15, 5.16, 5.17, 5.46	[ ]Yes [ ]No
MC 2.19	the FPH supplementary service interactions with other implemented supplementary services?		O.3	5, 5.43	[ ]Yes [ ]No

(continued)

Table A.5 (concluded): Major capabilities - network

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MC 2.20	the ECT supplementary service interactions with other implemented supplementary services?		O.3	5, 5.2, 5.17, 5.34, 5.35, 5.36, 5.44, 5.45	[ ]Yes [ ]No
MC 2.21	the CFB supplementary service interactions with other implemented supplementary services?		O.3	5, 5.5, 5.21, 5.22, 5.23	[ ]Yes [ ]No
MC 2.22	the CFNR supplementary service interactions with other implemented supplementary services?		O.3	5, 5.6, 5.24, 5.25, 5.26	[ ]Yes [ ]No
MC 2.23	the CFU supplementary service interactions with other implemented supplementary services?		O.3	5, 5.7, 5.27, 5.28, 5.29	[ ]Yes [ ]No
MC 2.24	the CD supplementary service interactions with other implemented supplementary services?		O.3	5, 5.4, 5.18, 5.19, 5.20	[ ]Yes [ ]No
MC 2.25	the HOLD supplementary service interactions with other implemented supplementary services?		O.3	5, 5.11, 5.31, 5.32	[ ]Yes [ ]No
O.3	Support of at least two of these options is required				
Comments:					

## A.8.2 Subsidiary capabilities

Table A.6: Subsidiary capabilities - network

Item	Subsidiary capability: Does the implementation support...	Conditions for status	Status	Reference	Support
SC 1	<b>Interactions between the TP and AOC-D supplementary services</b>				
SC 1.1	sending of cumulative AOC-D charging information to the served user in the SUSPEND ACKNOWLEDGE message?	MC 2.5 AND MC 2.13 NOT (MC 2.5 AND MC 2.13)	O N/A	5.10.2.1.1	[ ]Yes [ ]No [ ]N/A
SC 1.2	sending of AOC-D charging information to the served user in the RESUME ACKNOWLEDGE message?	MC 2.5 AND MC 2.13 NOT (MC 2.5 AND MC 2.13)	O N/A	5.10.2.2.1	[ ]Yes [ ]No [ ]N/A
SC 1.3	sending of AOC-D charging information to the served user in the RESUME REJECT message?	MC 2.5 AND MC 2.13 NOT (MC 2.5 AND MC 2.13)	O N/A	5.10.2.2.1	[ ]Yes [ ]No [ ]N/A
SC 2	<b>Interactions between the UUS and CD supplementary services</b>				
SC 2.1	the restriction of the deflection of UUI and/or UUS supplementary service requests to deflecting users who subscribe to the relevant UUS supplementary service?	MC 2.9 AND MC 2.24 NOT (MC 2.9 AND MC 2.24)	O N/A	5.20.2.1.1, 5.20.2.2.1.1, 5.20.2.2.2.1 5.20.2.2.4.1	[ ]Yes [ ]No [ ]N/A
SC 2.2	the inhibition of call deflection after alerting on acceptance of a preferred explicit UUS 1 service request?	MC 2.9 AND MC 2.24 NOT (MC 2.9 AND MC 2.24)	O.4 N/A	5.20.2.2.2.1	[ ]Yes [ ]No [ ]N/A
SC 2.3	the invocation of call deflection after alerting though a preferred explicit UUS 1 service request has been accepted?	MC 2.9 AND MC 2.24 NOT (MC 2.9 AND MC 2.24)	O.4 N/A	5.20.2.2.2.1	[ ]Yes [ ]No [ ]N/A
SC 2.4	the restriction of the rerouting of UUI and/or UUS supplementary service requests to users who subscribe to the relevant UUS supplementary service?	MC 2.9 AND MC 2.24 NOT (MC 2.9 AND MC 2.24)	O N/A	5.20.3.2.1	[ ]Yes [ ]No [ ]N/A

(continued)

**Table A.6 (continued): Subsidiary capabilities - network**

Item	Subsidiary capability: Does the implementation support...	Conditions for status	Status	Reference	Support
<b>SC 3 Interactions between the UUS and CFB supplementary services</b>					
SC 3.1	the restriction of the forwarding of UUI and/or UUS supplementary service requests to forwarding users who subscribe to the relevant UUS supplementary service?	MC 2.9 AND MC 2.21 NOT (MC 2.9 AND MC 2.21)	O  N/A	5.23.2.1	[ ]Yes [ ]No [ ]N/A
SC 3.2	the restriction of the rerouteing of UUI and/or UUS supplementary service requests to users who subscribe to the relevant UUS supplementary service?	MC 2.9 AND MC 2.21 NOT (MC 2.9 AND MC 2.21)	O  N/A	5.23.3.2.1	[ ]Yes [ ]No [ ]N/A
<b>SC 4 Interactions between the UUS and CFNR supplementary services</b>					
SC 4.1	the restriction of the forwarding of UUI and/or UUS supplementary service requests to forwarding users who subscribe to the UUS 1 supplementary service?	MC 2.9 AND MC 2.22 NOT (MC 2.9 AND MC 2.22)	O  N/A	5.26.2.1.1, 5.26.2.2.1, 5.26.2.4.1	[ ]Yes [ ]No [ ]N/A
SC 4.2	the inhibition of call forwarding on no reply on acceptance of a preferred explicit UUS 1 service request?	MC 2.9 AND MC 2.22 NOT (MC 2.9 AND MC 2.22)	O.5  N/A	5.26.2.2.1	[ ]Yes [ ]No [ ]N/A
SC 4.3	the invocation of call forwarding on no reply though a preferred explicit UUS 1 service request has been accepted?	MC 2.9 AND MC 2.22 NOT (MC 2.9 AND MC 2.22)	O.5  N/A	5.26.2.2.1	[ ]Yes [ ]No [ ]N/A
SC 4.4	the restriction of the rerouteing of UUI and/or UUS supplementary service requests to users who subscribe to the relevant UUS supplementary service?	MC 2.9 AND MC 2.22 NOT (MC 2.9 AND MC 2.22)	O  N/A	5.26.3.2.1	[ ]Yes [ ]No [ ]N/A
<b>SC 5 Interactions between the UUS and CFU supplementary services</b>					
SC 5.1	the restriction of the forwarding of UUI and/or UUS supplementary service requests to forwarding users who subscribe to the relevant UUS supplementary service?	MC 2.9 AND MC 2.23 NOT (MC 2.9 AND MC 2.23)	O  N/A	5.29.2.1,	[ ]Yes [ ]No [ ]N/A
SC 5.2	the restriction of the rerouteing of UUI and/or UUS supplementary service requests to users who subscribe to the relevant UUS supplementary service?	MC 2.9 AND MC 2.23 NOT (MC 2.9 AND MC 2.23)	O  N/A	5.29.3.2, 5.29.3.2.1	[ ]Yes [ ]No [ ]N/A
<b>SC 6 Interactions between the AOC-E and ECT supplementary services</b>					
SC 6.1	the sending of AOC-E type charging information for transferred calls?	MC 2.14 AND MC 2.20 NOT (MC 2.14 AND MC 2.20)	O  N/A	5.2.2.1.1	[ ]Yes [ ]No [ ]N/A
<b>SC 7 Interactions between the AOC-E and CD supplementary services</b>					
SC 7.1	the sending of AOC-E type charging information pertaining to a deflected call when a deflected call is released ?	MC 2.14 AND MC 2.24 NOT (MC 2.14 AND MC 2.24)	O  N/A	5.4.2, 5.4.3.1, 5.4.3.2	[ ]Yes [ ]No [ ]N/A
<b>SC 8 Interactions between the AOC-E and CFB supplementary services</b>					
SC 8.1	the sending of AOC-E charging information to the forwarding (i.e. served) user when a forwarded call is released?	MC 2.14 AND MC 2.21 NOT (MC 2.14 AND MC 2.21)	O  N/A	5.5.2, 5.5.3.1	[ ]Yes [ ]No [ ]N/A
<b>SC 9 Interactions between the AOC-E and CFNR supplementary services</b>					
SC 9.1	the sending of AOC-E charging information to the forwarding (i.e. served) user when a forwarded call is released?	MC 2.14 AND MC 2.22 NOT (MC 2.14 AND MC 2.22)	O  N/A	5.6	[ ]Yes [ ]No [ ]N/A
<b>SC 10 Interactions between the AOC-E and CFU supplementary services</b>					
SC 10.1	the sending of AOC-E charging information to the forwarding (i.e. served) user when a forwarded call is released?	MC 2.14 AND MC 2.23 NOT (MC 2.14 AND MC 2.23)	O  N/A	5.7	[ ]Yes [ ]No [ ]N/A
<b>SC 11 Interactions between the AOC and 3PTY supplementary services</b>					
SC 11.1	the sending of AOC charging information to the served user for the use of the 3-way conference bridge?	(MC 2.12 OR MC 2.13 OR MC 2.14) AND MC 2.11 NOT ((MC 2.12 OR MC 2.13 OR MC 2.14) AND MC 2.11)	O  N/A	5.8.2.1	[ ]Yes [ ]No [ ]N/A
(continued)					

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

Item	Subsidiary capability: Does the implementation support...	Conditions for status	Status	Reference	Support
SC 12	<b>Interactions between the AOC and CONF supplementary services</b>				
SC 12.1	the sending of AOC charging information to the served user in conjunction with the CONF supplementary service?	(MC 2.12 OR MC 2.13 OR MC 2.14) AND MC 2.18 NOT ((MC 2.12 OR MC 2.13 OR MC 2.14) AND MC 2.18)	O  N/A	5.9.2.2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
O.4	Support of one and only one of these options is required.				
O.5	Support of one and only 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.7: Facility information element components received by the network

Item	Facility information element components: Does the implementation support...	Conditions for status	Status	Reference	Support
P 5	IdentificationOfCharge invoke?	SC 6.1 OR SC 7.1 NOT (SC 6.1 OR SC 7.1)	M N/A	5.2.1, 5.2.2.1.1, 5.2.2.1.2, 5.4.2.1.1, 5.4.3.2.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
P 6	UUSRequest invoke? (note)	MC 2.9 NOT MC 2.9	M N/A	5.23.1, 5.23.3.2.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
NOTE:	This item is only applicable if partial rerouting is supported by the network. This question is to be answered in the PICS of the corresponding individual protocol standard.				
Comments:					

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

Item	Facility information element components: Does the implementation support...	Conditions for status	Status	Reference	Support
P 7	IdentificationOfCharge return error?	SC 6.1 OR SC 7.1 NOT (SC 6.1 OR SC 7.1)	M N/A	5.2.2.1.2, 5.4.2.1.2, 5.4.3.2.2	[ ]Yes [ ]No [ ]N/A
P 8	IdentifyConferee invoke?	MC 2.18 AND (MC 2.5 OR MC 2.9 OR MC 2.25) NOT (MC 2.18 AND (MC 2.5 OR MC 2.9 OR MC 2.25))	M N/A	5.11.2.2.1, 5.13.2.3.1, 5.14.2.2.1, 5.15.2.4.1, 5.16.2.2.1, 5.17.2.2.1	[ ]Yes [ ]No [ ]N/A
Comments:					

**A.8.5 Timers**

No items requiring response.

**A.8.6 Call states**

No items requiring response.

## History

Document history			
August 1995	Public Enquiry	PE 90:	1995-08-21 to 1995-12-15
June 1996	Vote	V 106:	1996-06-24 to 1996-08-30