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*European Standard (Telecommunications series)*

**Integrated Services Digital Network (ISDN);  
Digital Subscriber Signalling System No. one (DSS1) protocol;  
Basic call control;  
Enhancement at the "b" service entry point for  
Virtual Private Network (VPN) applications;  
Part 2: Protocol Implementation Conformance  
Statement (PICS) proforma specification**

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## Intellectual Property Rights

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Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

## Foreword

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

The present document is part 2 of a multi-part standard covering the Digital Subscriber Signalling System No. one (DSS1) protocol specification for the Integrated Services Digital Network (ISDN); Basic call control; Enhancement at the "b" service entry point for Virtual Private Network (VPN) applications, 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).

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

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# 1 Scope

This second part of EN 301 060 is applicable to the basic call control extensions for Virtual Private Network (VPN) for the pan-European Integrated Services Digital Network (ISDN) as provided by European public telecommunications operators at the "b" service entry point (as defined in EN 301 060-1 [4]) by means of the Digital Subscriber Signalling System No. one (DSS1) protocol.

The present document provides the Protocol Implementation Conformance Statement (PICS) proforma for the ISDN DSS1 basic call control extensions at the "b" service entry point for VPN applications as specified in EN 301 060-1 [4] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [6].

The supplier of a protocol implementation which is claimed to conform to EN 301 060-1 [4] 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 Normative references

References may be made to:

- a) specific versions of publications (identified by date of publication, edition number, version number, etc.), in which case, subsequent revisions to the referenced document do not apply; or
- b) all versions up to and including the identified version (identified by "up to and including" before the version identity); or
- c) all versions subsequent to and including the identified version (identified by "onwards" following the version identity); or
- d) publications without mention of a specific version, in which case the latest version applies.

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

- [1] EN 300 196-1 (V1.2): "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [2] EN 300 403-1: "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]".
- [3] EN 300 403-3: "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".
- [4] EN 301 060-1 (V1.2): "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Basic call applications; Enhancement at the "b" service entry point for Virtual Private Network (VPN) applications; Part 1: Protocol specification".
- [5] ISO/IEC 9646-1 (1994): "Information technology; Open Systems Interconnection; Conformance testing methodology and framework; Part 1: General concepts".
- [6] ISO/IEC 9646-7 (1995): "Information technology; Open systems interconnection; Conformance testing methodology and framework; Part 7: Implementation Conformance Statements".
- [7] ISO/IEC 15056 (1997): "Information technology; Telecommunications and information exchange between systems; Private Integrate Service Network; Inter-exchange signalling protocol; Transit counter additional network feature".

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## 3 Definitions

For the purposes of the present document, the terms and definitions given in EN 300 403-1 [2] and EN 301 060-1 [4] and the following apply.

**Protocol Implementation Conformance Statement (PICS):** A statement made by the supplier of an OSI implementation or system, stating which capabilities have been implemented for a given OSI protocol (see ISO/IEC 9646-1 [5]).

**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 [5]).

**static conformance review:** A review of the extent to which the static conformance requirements are met by the Implementation Under Test (IUT), accomplished by comparing the PICS with the static conformance requirements expressed in the relevant standard(s) (see ISO/IEC 9646-1 [5]).

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## 4 Symbols and abbreviations

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

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
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)
OSI	Open Systems Interconnection
PICS	Protocol Implementation Conformance Statement
R	Role
RL	Requirements List
SCS	System Conformance Statement
SUT	System Under Test
TI	Type of Implementation
VPN	Virtual Private Network
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 EN 301 060-1 [4];
- 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.

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## Annex A (normative): PICS proforma for EN 301 060-1

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.
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### A.1 Instructions for completing the PICS proforma

#### A.1.1 Identification of the implementation

Identification of the 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 [5] 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 [6].

The reference column contained in the tables gives reference to the appropriate part(s) of EN 301 060-1 [4] describing the particular item. Note, however, that a reference merely indicates the place where the core of a description of an item can be found. Any additional information contained in EN 301 060-1 [4] 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 [6], 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 [6], are used for the support column:

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

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## 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:

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

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### 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:

**EN 301 060-1 (V1.2):** "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Basic call applications; Enhancement at the "b" service entry point for Virtual Private Network (VPN) applications; Part 1: Protocol specification".

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### 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, on pages attached to the PICS proforma."

In the tabulations which follow, all references are to EN 301 060-1 [4] unless another numbered reference is explicitly indicated.

## A.6 Roles

Table A.1: Roles

Item	Role: Does the implementation support...	Conditions for status	Status	Reference	Support
R 1	not used				
<b>Major role</b>					
R 2.1	the user role?		O.1		[ ]Yes [ ]No
R 2.2	the network role?		O.1		[ ]Yes [ ]No
<b>Type of interface</b>					
R 3.1	support requirements at the coincident S and T reference point?		N/A		[ ]Yes [ ]No
R 3.2	requirements for interworking with private ISDNs at the T reference point?		N/A		[ ]Yes [ ]No
R 3.3	requirements at the "b" service entry point (VPN context)?		M		[ ]Yes [ ]No
R 4	not used				
R 5	not used				
R 6.1	basic access?		O.3		[ ]N/A
R 6.2	primary rate access?		O.3		[ ]Yes [ ]No
R 7.1	point-to-point configuration?		M		[ ]Yes [ ]No
R 7.2	multi-point configuration?		N/A		[ ]N/A
O.1 Support of one, and only one, of these options is required.					
O.3 Support of one, and only one, of these options is required.					
NOTE: R 3.1 and R 3.2 apply to public network context.					
Comments:					

## A.7 User

The tables provided in this subclause need only to be completed for user implementations.

Prerequisite: R 2.1

### A.7.1 Type of implementation

Answers to the questions in table A.2 are required to permit the conditions for status for the user to be properly evaluated for a specific IUT.

Table A.2: Type of implementation

Item	Type of implementation: Does the implementation...	Conditions for status	Status	Reference	Support
Tlu 1	provide the emulation of an Originating PINX?		O.1	1	[ ]Yes [ ]No
Tlu 2	provide the emulation of a Terminating PINX?		O.1	1	[ ]Yes [ ]No
Tlu 3	provide the emulation of a Transit PINX?		O.1	1	[ ]Yes [ ]No
Tlu 4	not used			1	[ ]Yes [ ]No
Tlu 5	provide the emulation of an Incoming Gateway PINX?		O.1	1	[ ]Yes [ ]No
Tlu 6	provide the emulation of an Outgoing Gateway PINX?		O.1	1	[ ]Yes [ ]No
O.1. Support of at least one of these options is required.					

## A.7.2 Major capabilities

**Table A.3 : Major capabilities of the user role**

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MCu 1	the transit counter additional network feature?		O	[7]	[ ]Yes [ ]No
Comments:					

## A.7.3 Subsidiary capabilities

No items requiring response.

## A.7.4 Protocol data units

### A.7.4.1 Message received by the user

No items requiring response.

### A.7.4.2 Message transmitted by the user

**Table A.4: Messages transmitted by the user**

Item	Message: Does the implementation support the transmission of...	Conditions for status	Status	Reference	Support
MTu 1.1	PROGRESS, indicating interworking with a public network?	MCu 2.6 [3] NOT MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTu 1.2	PROGRESS, indicating interworking with a network unable to supply a release signal?	MCu 2.6 [3] NOT MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTu 1.3	PROGRESS, indicating interworking with a network unable to supply a release signal before answer?	MCu 2.6 [3] NOT MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTu 1.4	PROGRESS, indicating interworking with a network unable to supply a release signal after answer?	MCu 2.6 [3] NOT MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Comments:					

## A.7.5 Protocol data unit parameters

### A.7.5.1 Information elements in message received by the user

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

Item	Information element	Conditions for status	Status	Reference	Support
MRu4-IE1	Connected number		M	7.1.2	[ ]Yes [ ]No
MRu4-IE2	Connected subaddress		M	7.1.2	[ ]Yes [ ]No
Comments:					

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

Item	Information element	Conditions for status	Status	Reference	Support
MRu19-IE1	VPN indicator (note)		M	7.1.1	[ ]Yes [ ]No
MRu19-IE2	Transit counter	MCu 1 Not MCu 1	M N/A	7.1.1	[ ]Yes [ ]No [ ]N/A
NOTE: Inclusion of this information element is mandatory to indicate a VPN context.					
Comments:					

### A.7.5.2 Information elements in message transmitted by the user

**Table A.7: Information elements in ALERTING transmitted by the user**

Item	Information element	Conditions for status	Status	Reference	Support
MTu1-IE1.1	Progress indicator, indicating interworking with a public network	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTu1-IE1.2	Progress indicator, indicating interworking with a network unable to supply a release signal	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTu1-IE1.3	Progress indicator, indicating interworking with a network unable to supply a release signal before answer	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTu1-IE1.4	Progress indicator, indicating interworking with a network unable to supply a release signal after answer	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Comments:					

**Table A.8: Information elements in CALL PROCEEDING transmitted by the user**

Item	Information element	Conditions for status	Status	Reference	Support
Mtu2-IE1.1	Progress indicator, indicating interworking with a public network	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu2-IE1.2	Progress indicator, indicating interworking with a network unable to supply a release signal	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu2-IE1.3	Progress indicator, indicating interworking with a network unable to supply a release signal before answer	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu2-IE1.4	Progress indicator, indicating interworking with a network unable to supply a release signal after answer	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Comments:					

**Table A.9: Information elements in CONNECT transmitted by the user**

Item	Information element	Conditions for status	Status	Reference	Support
Mtu4-IE1.1	Progress indicator, indicating interworking with a public network	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu4-IE1.2	Progress indicator, indicating interworking with a network unable to supply a release signal	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu4-IE1.3	Progress indicator, indicating interworking with a network unable to supply a release signal before answer	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu4-IE1.4	Progress indicator, indicating interworking with a network unable to supply a release signal after answer	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTu4-IE2	Connected number		M	7.1.2	[ ]Yes [ ]No
MTu4-IE4	Connected subaddress		M	7.1.2	[ ]Yes [ ]No
Comments:					

**Table A.10: Information elements in PROGRESS transmitted by the user**

Item	Information element	Conditions for status	Status	Reference	Support
Mtu10-IE1.1	Progress indicator, indicating interworking with a public network	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu10-IE1.2	Progress indicator, indicating interworking with a network unable to supply a release signal	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu10-IE1.3	Progress indicator, indicating interworking with a network unable to supply a release signal before answer	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu10-IE1.4	Progress indicator, indicating interworking with a network unable to supply a release signal after answer	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Comments:					

**Table A.11: Information elements in SETUP transmitted by the user**

Item	Information element	Conditions for status	Status	Reference	Support
MTu19-IE1	VPN indicator (note)		M	7.1.1	[ ]Yes [ ]No
MTu19-IE2	Transit counter	MCu 1 Not MCu 1	M N/A	7.1.1	[ ]Yes [ ]No [ ]N/A
NOTE: Inclusion of this information element is mandatory to indicate a VPN context.					
Comments:					

**Table A.12: Information elements in SETUP ACKNOWLEDGE transmitted by the user**

Item	Information element	Conditions for status	Status	Reference	Support
Mtu20-IE1.1	Progress indicator, indicating interworking with a public network	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu20-IE1.2	Progress indicator, indicating interworking with a network unable to supply a release signal	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu20-IE1.3	Progress indicator, indicating interworking with a network unable to supply a release signal before answer	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Mtu20-IE1.4	Progress indicator, indicating interworking with a network unable to supply a release signal after answer	MCu 2.6 [3] not MCu 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Comments:					



## A.7.5.3 Information elements structure

Table A.13: Calling party number information element in SETUP received by the user

Item	Does the implementation support Calling party number information element parameters...	Conditions for status	Status	Values	Support
CGPru 1.1	TON (octet 3)  1. Unknown 2. International number 3. National number 4. Network specific number 5. Subscriber number 6. Abbreviated number 7. Level 2 Regional Number 8. Level 1 Regional Number 9. PISN specific Number 10. Level 0 Regional Number	MRu 19-IE6 [3] NOT MRu 19-IE6 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CGPru 1.2	NPI (octet 3)  1. Unknown 2. ISDN / telephony numbering plan 3. Data numbering plan 4. Telex numbering plan 5. National standard numbering plan 6. Private numbering plan	MRu 19-IE6 [3] NOT MRu 19-IE6 [3]	M N/A  O O N/A N/A N/A O	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A [ ]Yes [ ]No
CGPru 1.3	Presentation indicator (octet 3a)  1. Presentation allowed 2. Presentation restricted 3. Number not available due to interworking	MRu 19-IE6 [3] NOT MRu 19-IE6 [3]	O N/A  O O O	  0 1 2	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CGPru 1.4	Screening indicator (octet 3a)  1. User-provided, not screened 2. User-provided, verified and passed 3. User-provided, verified and failed 4. Network provided	MRu 19-IE6 [3] NOT MRu 19-IE6 [3]	O N/A  O O N/A O	  0 1 2 3	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No
CGPru 1.5	Number digits (octet 4 onwards)	MRu 19-IE6 [3] NOT MRu 19-IE6 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.14: Calling party number information element in SETUP transmitted by the user

Item	Does the implementation support Calling party number information element parameters...	Conditions for status	Status	Values	Support
CGPtU 1.1	TON (octet 3)?  1. Unknown? 2. International number? 3. National number? 4. Network specific number? 5. Subscriber number? 6. Abbreviated number? 7. Level 2 Regional Number? 8. Level 1 Regional Number? 9. PISN specific Number? 10. Level 0 Regional Number?	MTu 19-IE6 [3] NOT MTu 19-IE6 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CGPtU 1.2	NPI (octet 3)?  1. Unknown? 2. ISDN / telephony numbering plan? 3. Data numbering plan? 4. Telex numbering plan? 5. National standard numbering plan? 6. Private numbering plan?	MTu 19-IE6 [3] NOT MTu 19-IE6 [3]	M N/A  O O N/A N/A N/A O	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A [ ]Yes [ ]No
CGPtU 1.3	Presentation indicator (octet 3a)?  1. Presentation allowed? 2. Presentation restricted? 3. Number not available due to interworking?	MTu 19-IE6 [3] NOT MTu 19-IE6 [3]	O N/A  O O O	  0 1 2	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CGPtU 1.4	Screening indicator (octet 3a)?  1. User-provided, not screened? 2. User-provided, verified and passed? 3. User-provided, verified and failed? 4. Network provided?	MTu 19-IE6 [3] NOT MTu 19-IE6 [3]	O N/A  O O N/A O	  0 1 2 3	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No
CGPtU 1.5	Number digits (octet 4 onwards)?	MTu 19-IE6 [3] NOT MTu 19-IE6 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.15: Called party number information element in SETUP received by the user

Item	Does the implementation support Called party number information element parameters...	Conditions for status	Status	Values	Support
CDP1ru 1.1	TON (octet 3)?  1. Unknown? 2. International number? 3. National number? 4. Network specific number? 5. Subscriber number? 6. Abbreviated number? 7. Level 2 Regional Number? 8. Level 1 Regional Number? 9. PISN specific Number? 10. Level 0 Regional Number?	MRu 19-IE4 [3] NOT MRu 19-IE4 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CDP1ru 1.2	NPI (octet 3)?  1. Unknown? 2. ISDN / telephony numbering plan? 3. Data numbering plan? 4. Telex numbering plan? 5. National standard numbering plan? 6. Private numbering plan?	MRu 19-IE4 [3] NOT MRu 19-IE4 [3]	M N/A  O O N/A N/A N/A O	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A [ ]Yes [ ]No
CDP1ru 1.3	Number digits (octet 4 onwards)?	MRu 19-IE4 [3] NOT MRu 19-IE4 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.16: Called party number information element in SETUP transmitted by the user

Item	Does the implementation support Called party number information element parameters...	Conditions for status	Status	Values	Support
CDP1tu 1.1	TON (octet 3)?  1. Unknown? 2. International number? 3. National number? 4. Network specific number? 5. Subscriber number? 6. Abbreviated number? 7. Level 2 Regional Number? 8. Level 1 Regional Number? 9. PISN specific Number? 10. Level 0 Regional Number?	MTu 19-IE4 [3] NOT MTu 19-IE4 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CDP1tu 1.2	NPI (octet 3)?  1. Unknown? 2. ISDN / telephony numbering plan? 3. Data numbering plan? 4. Telex numbering plan? 5. National standard numbering plan? 6. Private numbering plan?	MTu 19-IE4 [3] NOT MTu 19-IE4 [3]	M N/A  O O N/A N/A N/A O	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A [ ]Yes [ ]No
CDP1tu 1.3	Number digits (octet 4 onwards)?	MTu 19-IE4 [3] NOT MTu 19-IE4 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.17: Called party number information element in INFORMATION received by the user

Item	Does the implementation support Called party number information element parameters...	Conditions for status	Status	Values	Support
CDP2ru 1.1	TON (octet 3)?  1. Unknown? 2. International number? 3. National number? 4. Network specific number? 5. Subscriber number? 6. Abbreviated number? 7. Level 2 Regional Number? 8. Level 1 Regional Number? 9. PISN specific Number? 10. Level 0 Regional Number?	MRu 8-IE4 [3] NOT MRu 8-IE4 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CDP2ru 1.2	NPI (octet 3)?  1. Unknown? 2. ISDN / telephony numbering plan? 3. Data numbering plan? 4. Telex numbering plan? 5. National standard numbering plan? 6. Private numbering plan?	MRu 8-IE4 [3] NOT MRu 8-IE4 [3]	M N/A  O O N/A N/A N/A O	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A [ ]Yes [ ]No
CDP2ru 1.3	Number digits (octet 4 onwards)?	MRu 8-IE4 [3] NOT MRu 8-IE4 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					

**Table A.18: Called party number information element in INFORMATION transmitted by the user**

Item	Does the implementation support Called party number information element parameters...	Conditions for status	Status	Values	Support
CDP2tu 1.1	TON (octet 3)?  1. Unknown? 2. International number? 3. National number? 4. Network specific number? 5. Subscriber number? 6. Abbreviated number? 7. Level 2 Regional Number? 8. Level 1 Regional Number? 9. PISN specific Number? 10. Level 0 Regional Number?	MTu 8-IE4 [3] NOT MTu 8-IE4 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CDP2tu 1.2	NPI (octet 3)?  1. Unknown? 2. ISDN / telephony numbering plan? 3. Data numbering plan? 4. Telex numbering plan? 5. National standard numbering plan?	MTu 8-IE4 [3] NOT MTu 8-IE4 [3]	M N/A  O O N/A N/A N/A	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A
CDP2tu 1.3	Number digits (octet 4 onwards)?	MTu 8-IE4 [3] NOT MTu 8-IE4 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					

## A.7.6 Timers

No items requiring response.

## A.8 Network

The tables provided in this subclause need only to be completed for network implementations.

Prerequisite: R 2.2

### A.8.1 Type of implementation

Answers to the questions in table A.2 are required to permit the conditions for status for the network to be properly evaluated for a specific IUT.

Table A.19: Type of implementation

Item	Type of implementation: Does the implementation...	Conditions for status	Status	Reference	Support
TIn 1	provide the emulation of an Originating PINX		O.1	1	[ ]Yes [ ]No
TIn 2	provide the emulation of a Terminating PINX		O.1	1	[ ]Yes [ ]No
TIn 3	provide the emulation of a Transit PINX		O.1	1	[ ]Yes [ ]No
TIn 4	not used			1	[ ]Yes [ ]No
TIn 5	provide the emulation of an Incoming Gateway PINX		O.1	1	[ ]Yes [ ]No
TIn 6	provide the emulation of an Outgoing Gateway PINX		O.1	1	[ ]Yes [ ]No
O.1. Support of at least one of these options is required					

## A.8.2 Major capabilities

Table A.20: Major capabilities of the network role

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MCn 1	the transit counter additional network feature?		O	[7]	[ ]Yes [ ]No
Comments:					

## A.8.3 Subsidiary capabilities

No items requiring response.

## A.8.4 Protocol data units

### A.8.4.1 Message received by the network

No items requiring response.

## A.8.4.2 Message transmitted by the network

**Table A.21: Messages transmitted by the network**

Item	Message: Does the implementation support the transmission of...	Conditions for status	Status	Reference	Support
MTn 1.1	PROGRESS, indicating interworking with a public network	MCn 2.6 [3] NOT MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn 1.2	PROGRESS, indicating interworking with a network unable to supply a release signal	MCn 2.6 [3] NOT MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn 1.3	PROGRESS, indicating interworking with a network unable to supply a release signal before answer	MCn 2.6 [3] NOT MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn 1.4	PROGRESS, indicating interworking with a network unable to supply a release signal after answer	MCn 2.6 [3] NOT MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Comments:					

## A.8.5 Protocol data unit parameters

### A.8.5.1 Information elements in message received by the network

**Table A.22: Information elements in CONNECT received by the network**

Item	Information element	Conditions for status	Status	Reference	Support
MRn4-IE1	Connected number		M	7.1.2	[ ]Yes [ ]No
MRn4-IE2	Connected subaddress		M	7.1.2	[ ]Yes [ ]No
Comments:					

**Table A.23: Information elements in SETUP received by the network**

Item	Information element	Conditions for status	Status	Reference	Support
MRn19-IE1	VPN indicator (note)		M	7.1.1	[ ]Yes [ ]No
MRn19-IE2	Transit counter	MCn 1 Not MCn 1	M N/A	7.1.1	[ ]Yes [ ]No [ ]N/A
NOTE: Inclusion of this information element is mandatory to indicate a VPN context.					
Comments:					



### A.8.5.2 Information elements in message transmitted by the network

**Table A.24: Information elements in ALERTING transmitted by the network**

Item	Information element	Conditions for status	Status	Reference	Support
MTn1-IE1.1	Progress indicator, indicating interworking with a public network	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn1-IE1.2	Progress indicator, indicating interworking with a network unable to supply a release signal	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn1-IE1.3	Progress indicator, indicating interworking with a network unable to supply a release signal before answer	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn1-IE1.4	Progress indicator, indicating interworking with a network unable to supply a release signal after answer	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Comments:					

**Table A.25: Information elements in CALL PROCEEDING transmitted by the network**

Item	Information element	Conditions for status	Status	Reference	Support
MTn2-IE1.1	Progress indicator, indicating interworking with a public network	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn2-IE1.2	Progress indicator, indicating interworking with a network unable to supply a release signal	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn2-IE1.3	Progress indicator, indicating interworking with a network unable to supply a release signal before answer	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn2-IE1.4	Progress indicator, indicating interworking with a network unable to supply a release signal after answer	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Comments:					

**Table A.26: Information elements in CONNECT transmitted by the network**

Item	Information element	Conditions for status	Status	Reference	Support
MTn4-IE1.1	Progress indicator, indicating interworking with a public network	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn4-IE1.2	Progress indicator, indicating interworking with a network unable to supply a release signal	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn4-IE1.3	Progress indicator, indicating interworking with a network unable to supply a release signal before answer	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn4-IE1.4	Progress indicator, indicating interworking with a network unable to supply a release signal after answer	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn4-IE2	Connected number		M	7.1.2	[ ]Yes [ ]No
MTn4-IE4	Connected subaddress		M	7.1.2	[ ]Yes [ ]No
Comments:					

**Table A.27: Information elements in PROGRESS transmitted by the network**

Item	Information element	Conditions for status	Status	Reference	Support
MTn10-IE1.1	Progress indicator, indicating interworking with a public network	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn10-IE1.2	Progress indicator, indicating interworking with a network unable to supply a release signal	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn10-IE1.3	Progress indicator, indicating interworking with a network unable to supply a release signal before answer	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn10-IE1.4	Progress indicator, indicating interworking with a network unable to supply a release signal after answer	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
Comments:					

**Table A.28: Information elements in SETUP transmitted by the network**

Item	Information element	Conditions for status	Status	Reference	Support
MTn19-IE1	VPN indicator (note)		M	7.1.1	[ ]Yes [ ]No
MTn19-IE2	Transit counter	MCn 1 Not MCn 1	M N/A	7.1.1	[ ]Yes [ ]No [ ]N/A
NOTE: Inclusion of this information element is mandatory to indicate a VPN context.					
Comments:					

**Table A.29: Information elements in SETUP ACKNOWLEDGE transmitted by the network**

Item	Information element	Conditions for status	Status	Reference	Support
MTn20-IE1.1	Progress indicator, indicating interworking with a public network	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn20-IE1.2	Progress indicator, indicating interworking with a network unable to supply a release signal	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn20-IE1.3	Progress indicator, indicating interworking with a network unable to supply a release signal before answer	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A
MTn20-IE1.4	Progress indicator, indicating interworking with a network unable to supply a release signal after answer	MCn 2.6 [3] not MCn 2.6 [3]	M N/A	7.2.5	[ ]Yes [ ]No [ ]N/A

Comments:

## A.8.5.3 Information elements structure

Table A.30: Calling party number information element in SETUP received by the network

Item	Does the implementation support Calling party number information element parameters...	Conditions for status	Status	Values	Support
CGPrn 1.1	TON (octet 3)?  1. Unknown? 2. International number? 3. National number? 4. Network specific number? 5. Subscriber number? 6. Abbreviated number? 7. Level 2 Regional Number? 8. Level 1 Regional Number? 9. PISN specific Number? 10. Level 0 Regional Number?	MRn 19-IE6 [3] NOT MRn 19-IE6 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CGPrn 1.2	NPI (octet 3)?  1. Unknown? 2. ISDN / telephony numbering plan? 3. Data numbering plan? 4. Telex numbering plan? 5. National standard numbering plan? 6. Private numbering plan?	MRn 19-IE6 [3] NOT MRn 19-IE6 [3]	M N/A  O O N/A N/A N/A O	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A [ ]Yes [ ]No
CGPrn 1.3	Presentation indicator (octet 3a)?  1. Presentation allowed? 2. Presentation restricted? 3. Number not available due to interworking?	MRn 19-IE6 [3] NOT MRn 19-IE6 [3]	O N/A  O O O	  0 1 2	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CGPrn 1.4	Screening indicator (octet 3a)?  1. User-provided, not screened? 2. User-provided, verified and passed? 3. User-provided, verified and failed? 4. Network provided?	MRn 19-IE6 [3] NOT MRn 19-IE6 [3]	O N/A  O O N/A O	  0 1 2 3	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No
CGPrn 1.5	Number digits (octet 4 onwards)?	MRn 19-IE6 [3] NOT MRn 19-IE6 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.31: Calling party number information element in SETUP transmitted by the network

Item	Does the implementation support Calling party number information element parameters...	Conditions for status	Status	Values	Support
CGPtn 1.1	TON (octet 3)?  1. Unknown? 2. International number? 3. National number? 4. Network specific number? 5. Subscriber number? 6. Abbreviated number? 7. Level 2 Regional Number? 8. Level 1 Regional Number? 9. PISN specific Number? 10. Level 0 Regional Number?	MTn 19-IE6 [3] NOT MTn 19-IE6 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CGPtn 1.2	NPI (octet 3)?  1. Unknown? 2. ISDN / telephony numbering plan? 3. Data numbering plan? 4. Telex numbering plan? 5. National standard numbering plan? 6. Private numbering plan?	MTn 19-IE6 [3] NOT MTn 19-IE6 [3]	M N/A  O O N/A N/A N/A O	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A [ ]Yes [ ]No
CGPtn 1.3	Presentation indicator (octet 3a)?  1. Presentation allowed? 2. Presentation restricted? 3. Number not available due to interworking?	MTn 19-IE6 [3] NOT MTn 19-IE6 [3]	O N/A  O O O	  0 1 2	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CGPtn 1.4	Screening indicator (octet 3a)?  1. User-provided, not screened? 2. User-provided, verified and passed? 3. User-provided, verified and failed? 4. Network provided?	MTn 19-IE6 [3] NOT MTn 19-IE6 [3]	O N/A  O O N/A O	  0 1 2 3	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No
CGPtn 1.5	Number digits (octet 4 onwards)?	MTn 19-IE6 [3] NOT MTn 19-IE6 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.32: Called party number information element in SETUP received by the network

Item	Does the implementation support Called party number information element parameters...	Conditions for status	Status	Values	Support
CDP1rn 1.1	TON (octet 3)?  1. Unknown? 2. International number? 3. National number? 4. Network specific number? 5. Subscriber number? 6. Abbreviated number? 7. Level 2 Regional Number? 8. Level 1 Regional Number? 9. PISN specific Number? 10. Level 0 Regional Number?	MRn 19-IE4 [3] NOT MRn 19-IE4 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CDP1rn 1.2	NPI (octet 3)?  1. Unknown? 2. ISDN / telephony numbering plan? 3. Data numbering plan? 4. Telex numbering plan? 5. National standard numbering plan? 6. Private numbering plan?	MRn 19-IE4 [3] NOT MRn 19-IE4 [3]	M N/A  O O N/A N/A N/A O	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A [ ]Yes [ ]No
CDP1rn 1.3	Number digits (octet 4 onwards)?	MRn 19-IE4 [3] NOT MRn 19-IE4 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.33: Called party number information element in SETUP transmitted by the network

Item	Does the implementation support Called party number information element parameters...	Conditions for status	Status	Values	Support
CDP1tn 1.1	TON (octet 3)?  1. Unknown? 2. International number? 3. National number? 4. Network specific number? 5. Subscriber number? 6. Abbreviated number? 7. Level 2 Regional Number? 8. Level 1 Regional Number? 9. PISN specific Number? 10. Level 0 Regional Number?	MTn 19-IE4 [3] NOT MTn 19-IE4 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CDP1tn 1.2	NPI (octet 3)?  1. Unknown? 2. ISDN / telephony numbering plan? 3. Data numbering plan? 4. Telex numbering plan? 5. National standard numbering plan? 6. Private numbering plan?	MTn 19-IE4 [3] NOT MTn 19-IE4 [3]	M N/A  O O N/A N/A N/A O	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A [ ]Yes [ ]No
CDP1tn 1.3	Number digits (octet 4 onwards)?	MTn 19-IE4 [3] NOT MTn 19-IE4 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					

Table A.34: Called party number information element in INFORMATION received by the network

Item	Does the implementation support Called party number information element parameters...	Conditions for status	Status	Values	Support
CDP2rn 1.1	TON (octet 3)?  1. Unknown? 2. International number? 3. National number? 4. Network specific number? 5. Subscriber number? 6. Abbreviated number? 7. Level 2 Regional Number? 8. Level 1 Regional Number? 9. PISN specific Number? 10. Level 0 Regional Number?	MRn 8-IE4 [3] NOT MRn 8-IE4 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CDP2rn 1.2	NPI (octet 3)?  1. Unknown? 2. ISDN / telephony numbering plan? 3. Data numbering plan? 4. Telex numbering plan? 5. National standard numbering plan? 6. Private numbering plan?	MRn 8-IE4 [3] NOT MRn 8-IE4 [3]	M N/A  O O N/A N/A N/A O	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A [ ]Yes [ ]No
CDP2rn 1.3	Number digits (octet 4 onwards)?	MRn 8-IE4 [3] NOT MRn 8-IE4 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					



**Table A.35: Called party number information element in INFORMATION transmitted by the network**

Item	Does the implementation support Called party number information element parameters...	Conditions for status	Status	Values	Support
CDP2tn 1.1	TON (octet 3)?  1. Unknown? 2. International number? 3. National number? 4. Network specific number? 5. Subscriber number? 6. Abbreviated number? 7. Level 2 Regional Number? 8. Level 1 Regional Number? 9. PISN specific Number? 10. Level 0 Regional Number?	MTn 8-IE4 [3] NOT MTn 8-IE4 [3]	M N/A  O O O N/A O N/A O O O O	  0 1 2 3 4 6 1 2 3 4	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]N/A [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No [ ]Yes [ ]No
CDP2tn 1.2	NPI (octet 3)?  1. Unknown? 2. ISDN / telephony numbering plan? 3. Data numbering plan? 4. Telex numbering plan? 5. National standard numbering plan?	MTn 8-IE4 [3] NOT MTn 8-IE4 [3]	M N/A  O O N/A N/A N/A	  0 1 3 4 8 9	[ ]Yes [ ]No [ ]N/A  [ ]Yes [ ]No [ ]N/A [ ]N/A [ ]N/A
CDP2tn 1.3	Number digits (octet 4 onwards)?	MTn 8-IE4 [3] NOT MTn 8-IE4 [3]	O N/A	Up to 20 digits; max. value supported:	[ ]Yes [ ]No [ ]N/A
Comments:					

## A.8.6 Timers

No items requiring response.

## Annex B (normative): Requirements list

This annex repeats in the form of a requirements list some items of the generic functional protocol PICS proforma required for support of EN 301 060-1 [4]. 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

In the tabulations which follow all items are as contained in EN 300 403-3 [3].

All references are to EN 300 196-1 [1] unless another numbered reference is explicitly indicated.

**Table B.1: Major capabilities - user**

Item	Message: Does the implementation...	Status base	VPN conditions for status	GFP status	Reference
MCu 10.1	initiation of LLC negotiation (as a calling user)?	C		N/A	J.3 [2]
MCu 10.2	processing of a LLC negotiation received in a SETUP (as a called user)?	C		N/A	J.3 [2]
MCu 20	initiation of a user notification procedure?	C	MCu 6 AND R 3.3 NOT (MCu 6 AND R 3.3)	O N/A	5.9 [2]

**Table B.2: Messages received - user**

Item	Message: Does the implementation support the interpretation of...	Status base	VPN conditions for status	GFP status	Reference
MRu 16	RESUME ACKNOWLEDGE?	C		N/A	5.6.7
MRu 17	RESUME REJECT?	C		N/A	5.6.7
MRu 24	SUSPEND ACKNOWLEDGE?	C		N/A	5.6.7
MRu 25	SUSPEND REJECT?	C		N/A	5.6.7

**Table B.3: Messages transmitted - user**

Item	Message: Does the implementation support the inclusion of...	Status base	VPN conditions for status	GFP status	Reference
MTu 15	RESUME?	C		N/A	5.6.7
MTu 23	SUSPEND?	C		N/A	5.6.7

## B.2 Network

In the tabulations which follow all items are as contained in EN 300 403-3 [3]. All references are to EN 300 196-1 [1] unless another numbered reference is explicitly indicated.

All references are to EN 300 196-1 [1].

**Table B.4: Major capabilities - network**

Item	Message: Does the implementation...	Status base	VPN conditions for status	GFP status	Reference
MCn 12.1	establishment of bearer connection prior to call acceptance, on completion of successful channel negotiation?	C		O	Annex K [2]
MCn 12.2	establishment of bearer connection prior to call acceptance, on receipt of a message containing an indication that in-band information is provided?	C		O	Annex K [2]

**Table B.5: Messages received - network**

Item	Message: Does the implementation support the interpretation of...	Status base	VPN conditions for status	GFP status	Reference
MTn 15	RESUME?	C		N/A	5.6.7
MTn 23	SUSPEND?	C		N/A	5.6.7

**Table B.6: Messages transmitted - network**

Item	Message: Does the implementation support the inclusion of...	Status base	VPN conditions for status	GFP status	Reference
MTn 16	RESUME ACKNOWLEDGE?	C		N/A	5.6.7
MTn 17	RESUME REJECT?	C		N/A	5.6.7
MTn 24	SUSPEND ACKNOWLEDGE?	C		N/A	5.6.7
MTn 25	SUSPEND REJECT?	C		N/A	5.6.7

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## History

<b>Document history</b>				
V1.1.1	January 1998	Public Enquiry	PE 9822:	1998-01-30 to 1998-05-29
V1.1.2	September 1998	Vote	V 9846:	1998-09-15 to 1998-11-13