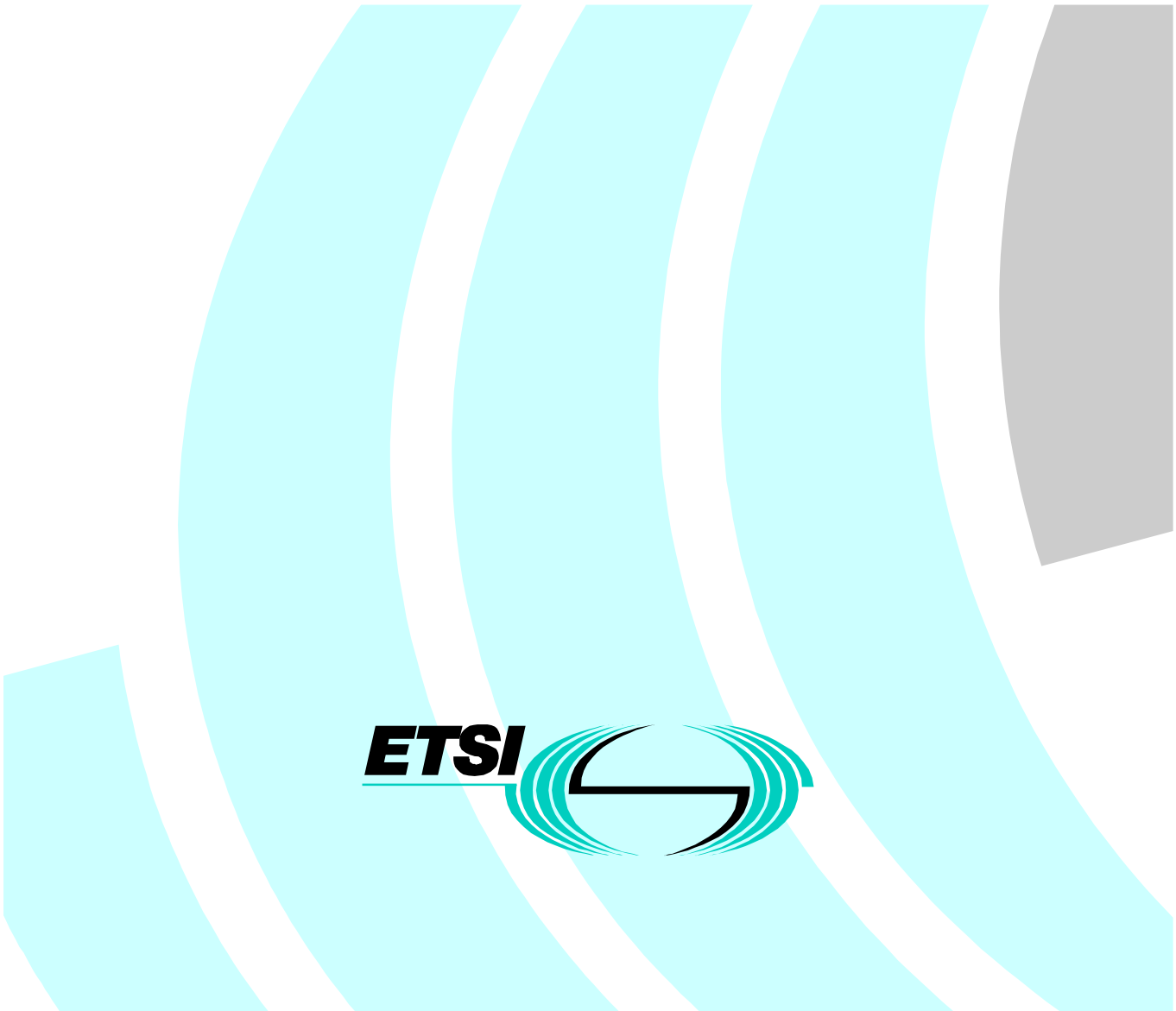
Final draft EN 301 061-2 V1.1.2 (1998-08)

European Standard (Telecommunications series)

Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Generic functional protocol for the support of supplementary services at the "b" service entry point for Virtual Private Network (VPN) applications; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification



Reference
DEN/SPS-05110-2 (9toi0idc.PDF)

Keywords
ISDN, DSS1, generic, supplementary service,
VPN, PICS

ETSI

Postal address
F-06921 Sophia Antipolis Cedex - FRANCE

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

Internet
secretariat@etsi.fr
http://www.etsi.fr
http://www.etsi.org

Contents

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available **free of charge** from the ETSI Secretariat. Latest updates are available on the ETSI Web server (http://www.etsi.fr/ipr or http://www.etsi.org/ipr).

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 European Standard (Telecommunications series) covering the Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Generic functional protocol for the support of supplementary services at the "b" service entry point for Virtual Private Network (VPN) applications, as identified below:

Part 1: "Protocol specification";

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

Part 3: "Test Suite Structure and Test Purposes (TSS&TP), user";

Part 4: "Abstract Test Suite (ATS), user";

Part 5: "Test Suite Structure and Test Purposes (TSS&TP), network";

Part 6: "Abstract Test Suite (ATS), network".

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

1 Scope

This second part of EN 301 061 is applicable to the generic functional protocol for the support of supplementary services for Virtual Private Network (VPN) applications 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 [2]) by means of the DSS1 protocol.

The present document provides the Protocol Implementation Conformance Statement (PICS) proforma for the ISDN DSS1 generic functional protocol for VPN applications as specified in EN 301 061-1 [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 301 061-1 [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 300 403-3: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for the circuit-mode basic call control; Part 3: Protocol Implementation Conformance Statement (PICS) proforma specification".

[2] EN 301 060-1: "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".

[3] EN 301 060-2: "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 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[4] EN 301 061-1: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Generic functional protocol for the support of supplementary services 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".

3 Definitions

For the purposes of the present document, the following definitions apply, in addition to those given in EN 301 061-1 [4]:

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]).

4 Abbreviations

For the purposes of the present document, the abbreviations given in EN 301 061-1 [4] and the following apply:

AND	Boolean "and"
C	Conditional requirement (to be observed if the relevant conditions apply)
DSS1	Digital Subscriber Signalling System No. one
IER	Information Elements Received
IET	Information Elements Transmitted
ISDN	Integrated Services Digital Network
IUT	Implementation Under Test
M	Mandatory requirement (to be observed in all cases)
MC	Major Capabilities
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
SC	Subsidiary Capabilities
SCS	System Conformance Statement
SUT	System Under Test
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 301 061-1 [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.

Annex A (normative): PICS proforma

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, ENs 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 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 301 061-1 [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 301 061-1 [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.

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:

.....

.....

.....

A.2.5 Client

Name:

.....

Address:

.....

.....

.....

Telephone number:

.....

Facsimile number:

.....

Additional information:

.....

.....

.....

A.2.6 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:

EN 301 061-1 (V1.2): "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Generic functional protocol for the support of supplementary services at the "b" service entry point for Virtual Private Network (VPN) applications; 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 EN 301 061-1 [4] unless another numbered reference is explicitly indicated.

A.6 Roles

Table A.1: Roles

Item	Major role: Does the implementation...	Conditions for status	Status	Reference	Support
	Type of implementation				
R 1	not used				
R 2.1	support user requirements?		O.1	1.9, 1.10	[ ]Yes [ ]No
R 2.2	support network requirements?		O.1	1.9, 1.10	[ ]Yes [ ]No
R 3	not used				
R 4	not used				
R 5	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 in table A.1 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
MCu 1	the functional protocol (common information element category) for the control of supplementary services?		O.2	7	[ ]Yes [ ]No
MCu 1.1	the bearer related transport mechanism?	MCu 1 NOT MCu 1	O.3 N/A	7.2.1.1	[ ]Yes [ ]No [ ] N/A
MCu 1.1.1	Protocol control requirements?	MCu 1.1 NOT MCu 1.1	M N/A	7.2.1.1.1	[ ]Yes [ ]No [ ] N/A
MCu 1.1.2	the termination of the GFT-Control protocol?	MCu 1.1 NOT MCu 1.1	O N/A	7.2.1.1.2	[ ]Yes [ ]No [ ] N/A
MCu 1.2	the connection-oriented bearer independent transport mechanism?	MCu 1 NOT MCu 1	O.3 N/A	7.2.1.2	[ ]Yes [ ]No [ ] N/A
MCu 1.2.1	Protocol control requirements?	MCu 1.2 NOT MCu 1.2	M N/A	7.2.1.2.1	[ ]Yes [ ]No [ ] N/A
MCu 1.2.2	the termination of the GFT-Control protocol?	MCu 1.2 NOT MCu 1.2	O N/A	7.2.1.2.2	[ ]Yes [ ]No [ ] N/A
MCu 2	generic notification procedures?		O.2	8	[ ]Yes [ ]No
MCu 2.1	Protocol control requirements?	MCu 2 NOT MCu 2	M N/A	8.1.3	[ ]Yes [ ]No [ ] N/A
MCu 2.2	the termination of the GFT-Control protocol?	MCu 2 NOT MCu 2	O N/A	8.1.4	[ ]Yes [ ]No [ ] N/A
MCu 3	Application layer requirements?	MCu 1.1.2 OR MCu 1.2.2 OR MCu 2.2 NOT (MCu 1.1.2 OR MCu 1.2.2 OR MCu 2.2)	M N/A	9	[ ]Yes [ ]No [ ] N/A
MCu 4	Flow control?		N/A	Annex C	N/A
MCu 5	the co-existence of the public network context and the VPN context on the same access?		O	1	[ ]Yes [ ]No
MCu 6	the transit counter additional network feature?		O	[8]	[ ]Yes [ ]No
O.2	Support of at least one of these options is required.				
O.3	Support of at least one of these options is required.				
Comments:					

A.7.2 Subsidiary capabilities

Table A.3: Subsidiary capabilities - user

Item	Subsidiary capability: Does the implementation support...	Conditions for status	Status	Reference	Support
SCu 1	**Notification procedures**				
SCu 1.1	the transport of integer coded notification information in octet 3 of the Notification indicator information element?	MCu 2 NOT MCu 2	O N/A	8.1	[ ]Yes [ ]No [ ] N/A
SCu 1.2	the transport of ASN.1 notification information in octet 4 of the Notification indicator information element, using the codepoint 'Discriminator for BER encoded notification extension' in octet 3?	MCu 2 NOT MCu 2	O N/A	8.1	[ ]Yes [ ]No [ ] N/A
SCu 1.3	the transport of ASN.1 notification information in octet 4 of the Notification indicator information element, using the codepoint 'discriminator for extension to ISO defined ASN.1 encoded notification structure' in octet 3?	MCu 2 NOT MCu 2	O N/A	8.1	[ ]Yes [ ]No [ ] N/A
SCu 1.4	the generation of notification information?	MCu 2 NOT MCu 2	O N/A	7.4.3.1	[ ]Yes [ ]No [ ] N/A
SCu 1.5	the actions at a transit PINX regarding notifications?	MCu 2 NOT MCu 2	M N/A	7.4.3.2	[ ]Yes [ ]No [ ] N/A
SCu 1.5	the actions at a receiving end PINX regarding notifications?	MCu 2 NOT MCu 2	M N/A	7.4.3.3	[ ]Yes [ ]No [ ] N/A
SCu 2	**Control of supplementary services using the common information element approach**				
SCu 2.1	the generation of APDUs (as a source PINX)?	MCu 1.1.2 NOT MCu 1.1.2	O N/A	7.1.2.1	[ ]Yes [ ]No [ ] N/A
SCu 2.2	the actions at a receiving PINX regarding the Facility information element?	MCu 1.1.2 NOT MCu 1.1.2	M N/A	7.1.2.2	[ ]Yes [ ]No [ ] N/A
Comments:					

A.7.3 Protocol data units for the bearer-related transport mechanism (VPN context)

Table A.4: Messages received (VPN context) - user

Item	Message (VPN context): Does the implementation support the interpretation of ...	Conditions for status	Status	Reference	Support
MRu 26	FACILITY?	MCu 1.1 NOT MCu 1.1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.5: Messages transmitted (VPN context) - user

Item	Message (VPN context): Does the implementation support the inclusion of ...	Conditions for status	Status	Reference	Support
MTu 26	FACILITY?	MCu 1.1 NOT MCu 1.1	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

A.7.4 Protocol data units for the connection-oriented bearer independent transport mechanism (VPN context)

Table A.6: Messages received (VPN context) - user

Item	Message (VPN context): Does the implementation support the interpretation of ...	Conditions for status	Status	Reference	Support
MRu 1	FACILITY?	MCu 1 NOT MCu 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRu 2	CALL PROCEEDING?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRu 3	CONNECT?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRu 4	CONNECT ACKNOWLEDGE?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRu 5	RELEASE?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRu 6	RELEASE COMPLETE?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRu 7	SETUP?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.7: Messages transmitted (VPN context) - user

Item	Message (VPN context): Does the implementation support the inclusion of ...	Conditions for status	Status	Reference	Support
MTu 1	FACILITY?	MCu 1 NOT MCu 1	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTu 2	CALL PROCEEDING?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTu 3	CONNECT?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTu 4	CONNECT ACKNOWLEDGE?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTu 5	RELEASE?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTu 6	RELEASE COMPLETE?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTu 7	SETUP?	MCu 1.2 NOT MCu 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

A.7.5 Protocol data unit parameters for the bearer-related transport mechanism (VPN context)

A.7.5.1 Protocol data unit parameters received

Table A.8: FACILITY PDU parameters received by the user

Item	FACILITY PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 26.1	Protocol discriminator?	MRu 26 NOT MRu 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 26.2	Call reference?	MRu 26 NOT MRu 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 26.3	Message type?	MRu 26 NOT MRu 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 26.4	Facility?	MRu 26 NOT MRu 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 26.5	Notification indicator?	MRu 26 AND MCu 2 NOT (MRu 26 AND MCu2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.9: ALERTING PDU parameters received by the user

Item	ALERTING PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 1.1	Facility?	[1] MRu 1 NOT [1] MRu 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 1.2	Notification indicator?	[1] MRu 1 AND MCu 2 NOT ([1] MRu 1 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.10: CALL PROCEEDING PDU parameters received by the user

Item	CALL PROCEEDING PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 2.1	Facility?	[1] MRu 2 NOT [1] MRu 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 2.2	Notification indicator?	[1] MRu 2 AND MCu 2 NOT ([1] MRu 2 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.11: CONNECT PDU parameters received by the user

Item	CONNECT PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 4.1	Facility?	[1] MRu 4 NOT [1] MRu 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 4.2	Notification indicator?	[1] MRu 4 AND MCu 2 NOT ([1] MRu 4 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.12: CONNECT ACKNOWLDEGE PDU parameters received by the user

Item	CONNECT ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 5.1	Facility?	[1] MRu 5 NOT [1] MRu 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 5.2	Notification indicator?	[1] MRu 5 AND MCu 2 NOT ([1] MRu 5 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.13: DISCONNECT PDU parameters received by the user

Item	DISCONNECT PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 6.1	Facility?	[1] MRu 6 NOT [1] MRu 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 6.2	Notification indicator?	[1] MRu 6 AND MCu 2 NOT ([1] MRu 6 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.14: INFORMATION PDU parameters received by the user

Item	INFORMATION PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 8.1	Facility?	[1] MRu 8 NOT [1] MRu 8	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 8.2	Notification indicator?	[1] MRu 8 AND MCu 2 NOT ([1] MRu 8 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.15: PROGRESS PDU parameters received by the user

Item	PROGRESS PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 10.1	Facility?	[1] MRu 10 NOT [1] MRu 10	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 10.2	Notification indicator?	[1] MRu 10 AND MCu 2 NOT ([1] MRu 10 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.16: RELEASE PDU parameters received by the user

Item	RELEASE PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 11.1	Facility?	[1] MRu 11 NOT [1] MRu 11	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 11.2	Notification indicator?	[1] MRu 11 AND MCu 2 NOT ([1] MRu 11 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.17: RELEASE COMPLETE PDU parameters received by the user

Item	RELEASE COMPLETE PDU parameters (VPN context): Does the implementation support the information element ...	Conditions for status	Status	Reference	Support
IERu 12.1	Facility?	[1] MRu 12 NOT [1] MRu 12	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 12.2	Notification indicator?	[1] MRu 12 AND MCu 2 NOT ([1] MRu 12 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.18: SETUP PDU parameters received by the user

Item	SETUP PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 19.1	Facility?	[1] MRu 19 NOT [1] MRu 19	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 19.2	Notification indicator?	[1] MRu 19 AND MCu 2 NOT ([1] MRu 19 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.19: SETUP ACKNOWLEDGE PDU parameters received by the user

Item	SETUP ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 20.1	Facility?	[1] MRu 20 NOT [1] MRu 20	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 20.2	Notification indicator?	[1] MRu 20 AND MCu 2 NOT ([1] MRu 20 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.20: Facility Information element contents received by the user

Item	Does the implementation support the information element field and values	Conditions for status	Status	Reference	Support
IERu 1.4.1	Network Facility Extension (octet 3.1)	MCu 1 AND MCu 1.1.2 MCu 1 AND (NOT MCu 1.1.2) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IERu 1.4.2	Network Protocol Profile (octet 3.2)	MCu 1 AND MCu 3 MCu 1 AND (NOT MCu 3) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IERu 1.4.3	Interpretation Component (octet 3.3)	MCu 1 AND MCu 3 MCu 1 AND (NOT MCu3) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
NOTE: The support of this field implies the ability to pass this field transparently to the next entity.					
Comments:					

A.7.5.2 Protocol data unit parameters transmitted

Table A.21: FACILITY PDU parameters transmitted by the user

Item	FACILITY PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETu 26.1	Protocol discriminator?	MTu 26 NOT MTu 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 26.2	Call reference?	MTu 26 NOT MTu 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 26.3	Message type?	MTu 26 NOT MTu 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 26.4	Facility?	MTu 26 NOT MTu 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 26.5	Notification indicator?	MTu 26 AND MCu 2 NOT (MTu 26 AND MCu2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.22: ALERTING PDU parameters transmitted by the user

Item	CALL PROCEEDING PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETu 1.1	Facility?	[1] MTu 1 NOT [1] MTu 1	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 1.2	Notification indicator?	[1] MTu 1 AND MCu 2 NOT ([1] MTu 1 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.23: CALL PROCEEDING PDU parameters transmitted by the user

Item	CALL PROCEEDING PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETu 2.1	Facility?	[1] MTu 2 NOT [1] MTu 2	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 2.2	Notification indicator?	[1] MTu 2 AND MCu 2 NOT ([1] MTu 2 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.24: CONNECT PDU parameters transmitted by the user

Item	CONNECT PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETu 4.1	Facility?	[1] MTu 4 NOT [1] MTu 4	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 4.2	Notification indicator?	[1] MTu 4 AND MCu 2 NOT ([1] MTu 4 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.25: CONNECT ACKNOWLDEGE PDU parameters transmitted by the user

Item	CONNECT ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETu 5.1	Facility?	[1] MTu 5 NOT [1] MTu 5	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 5.2	Notification indicator?	[1] MTu 5 AND MCu 2 NOT ([1] MTu 5 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A

Table A.26: DISCONNECT PDU parameters transmitted by the user

Item	DISCONNECT PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETu 6.1	Facility?	[1] MTu 6 NOT [1] MTu 6	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 6.2	Notification indicator?	[1] MTu 6 AND MCu 2 NOT ([1] MTu 6 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.27: INFORMATION PDU parameters transmitted by the user

Item	INFORMATION PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETu 8.1	Facility?	[1] MTu 8 NOT [1] MTu 8	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 8.2	Notification indicator?	[1] MTu 8 AND MCu 2 NOT ([1] MTu 8 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.28: PROGRESS PDU parameters transmitted by the user

Item	PROGRESS PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETu 10.1	Facility?	[1] MTu 10 NOT [1] MTu 10	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 10.2	Notification indicator?	[1] MTu 10 AND MCu 2 NOT ([1] MTu 10 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.29: RELEASE PDU parameters transmitted by the user

Item	RELEASE PDU parameters (VPN context): Does the implementation support the information element ...	Conditions for status	Status	Reference	Support
IETu 11.1	Facility?	[1] MTu 11 NOT [1] MTu 11	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 11.2	Notification indicator?	[1] MTu 11 AND MCu 2 NOT ([1] MTu 11 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.30: RELEASE COMPLETE PDU parameters transmitted by the user

Item	RELEASE COMPLETE PDU parameters (VPN context): Does the implementation support the information element ...	Conditions for status	Status	Reference	Support
IETu 12.1	Facility?	[1] MTu 12 NOT [1] MTu 12	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 12.2	Notification indicator?	[1] MTu 12 AND MCu 2 NOT ([1] MTu 12 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.31: SETUP PDU parameters transmitted by the user

Item	SETUP PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETu 19.1	Facility?	[1] MTu 19 NOT [1] MTu 19	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 19.2	Notification indicator?	[1] MTu 19 AND MCu 2 NOT ([1] MTu 19 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.32: SETUP ACKNOWLEDGE PDU parameters transmitted by the user

Item	SETUP ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETu 20.1	Facility?	[1] MTu 20 NOT [1] MTu 20	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 20.2	Notification indicator?	[1] MTu 20 AND MCu 2 NOT ([1] MTu 20 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.33: Facility Information element contents transmitted by the user

Item	Does the implementation support the information element field and values	Conditions for status	Status	Reference	Support
IETu 1.4.1	Network Facility Extension (octet 3.1)	MCu 1 AND MCu 1.1.2 MCu 1 AND (NOT MCu 1.1.2) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IETu 1.4.2	Network Protocol Profile (octet 3.2)	MCu 1 AND MCu 3 MCu 1 AND (NOT MCu 3) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IETu 1.4.3	Interpretation Component (octet 3.3)	MCu 1 AND MCu 3 MCu 1 AND (NOT MCu3) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
NOTE: The support of this field implies the ability to pass this field transparently to the next entity.					
Comments:					

A.7.6 Protocol data unit parameters for the connection-oriented bearer independent transport mechanism (VPN context)

A.7.6.1 Protocol data unit parameters received

Table A.34: FACILITY PDU parameters received by the user

Item	FACILITY PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERu 1.1	Protocol discriminator?	MRu 1 NOT MRu 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 1.2	Call reference?	MRu 1 NOT MRu 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 1.3	Message type?	MRu 1 NOT MRu 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 1.4	Facility?	MRu 1 NOT MRu 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 1.5	Notification indicator?	MRu 1 AND MCu 2 NOT (MRu 1 AND MCu2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.35: CALL PROCEEDING PDU parameters received by the user

Item	CALL PROCEEDING PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERu 2.1	Protocol discriminator?	MRu 2 NOT MRu 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 2.2	Call reference?	MRu 2 NOT MRu 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 2.3	Message type?	MRu 2 NOT MRu 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 2.4	Channel identification?	MRu 2 NOT MRu 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.36: CONNECT PDU parameters received by the user

Item	CONNECT PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERu 3.1	Protocol discriminator?	MRu 3 NOT MRu 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 3.2	Call reference?	MRu 3 NOT MRu 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 3.3	Message type?	MRu 3 NOT MRu 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 3.4	Facility?	MRu 3 NOT MRu 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 3.5	Notification indicator?	MRu 3 AND MCu 2 NOT (MRu 3 AND MCu 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 3.6	Connected number?	MRu 3 NOT MRu 3	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.37: CONNECT ACKNOWLDEGE PDU parameters received by the user

Item	CONNECT ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERu 4.1	Protocol discriminator?	MRu 4 NOT MRu 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 4.2	Call reference?	MRu 4 NOT MRu 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 4.3	Message type?	MRu 4 NOT MRu 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.38: RELEASE PDU parameters received by the user

Item	RELEASE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERu 5.1	Protocol discriminator?	MRu 5 NOT MRu 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 5.2	Call reference?	MRu 5 NOT MRu 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 5.3	Message type?	MRu 5 NOT MRu 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 5.4	Cause?	MRu 5 NOT MRu 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 5.5	Facility?	MRu 5 NOT MRu 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.39: RELEASE COMPLETE PDU parameters received by the user

Item	RELEASE COMPLETE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERu 6.1	Protocol discriminator?	MRu 6 NOT MRu 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 6.2	Call reference?	MRu 6 NOT MRu 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 6.3	Message type?	MRu 6 NOT MRu 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 6.4	Cause?	MRu 6 NOT MRu 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 6.5	Facility?	MRu 6 NOT MRu 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.40: SETUP PDU parameters received by the user

Item	SETUP PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERu 7.1	Protocol discriminator?	MRu 7 NOT MRu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 7.2	Call reference?	MRu 7 NOT MRu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 7.3	Message type?	MRu 7 NOT MRu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 7.4	Sending complete?	MRu 7 NOT MRu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 7.5	Transit counter?	MRu 7 AND MCu 8 NOT (MRu 7 AND MCu 8)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 7.6	Bearer capability?	MRu 7 NOT MRu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 7.7	VPN indicator?	MRu 7 NOT MRu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 7.8	Facility?	MRu 7 NOT MRu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 7.9	Calling party number?	MRu 7 NOT MRu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 7.10	Called party number?	MRu 7 NOT MRu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.41: Facility Information element contents received by the user

Item	Does the implementation support the information element field and values	Conditions for status	Status	Reference	Support
IERu 1.4.1	Network Facility Extension (octet 3.1)	MCu 1 AND MCu 1.1.2 MCu 1 AND (NOT MCu 1.1.2) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IERu 1.4.2	Network Protocol Profile (octet 3.2)	MCu 1 AND MCu 3 MCu 1 AND (NOT MCu 3) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IERu 1.4.3	Interpretation Component (octet 3.3)	MCu 1 AND MCu 3 MCu 1 AND (NOT MCu3) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
NOTE:	The support of this field implies the ability to pass this field transparently to the next entity.				
Comments:					

A.7.6.2 Protocol data unit parameters transmitted

Table A.42: FACILITY PDU parameters transmitted by the user

Item	FACILITY PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETu 1.1	Protocol discriminator?	MTu 1 NOT MTu 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 1.2	Call reference?	MTu 1 NOT MTu 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 1.3	Message type?	MTu 1 NOT MTu 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 1.4	Facility?	MTu 1 NOT MTu 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 1.5	Notification indicator?	MTu 1 AND MCu 2 NOT (MTu 1 AND MCu2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.43: CALL PROCEEDING PDU parameters transmitted by the user

Item	CALL PROCEEDING PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETu 2.1	Protocol discriminator?	MTu 2 NOT MTu 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 2.2	Call reference?	MTu 2 NOT MTu 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 2.3	Message type?	MTu 2 NOT MTu 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 2.4	Channel identification?	MTu 2 NOT MTu 2	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.44: CONNECT PDU parameters transmitted by the user

Item	CONNECT PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETu 3.1	Protocol discriminator?	MTu 3 NOT MTu 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 3.2	Call reference?	MTu 3 NOT MTu 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 3.3	Message type?	MTu 3 NOT MTu 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 3.4	Facility?	MTu 3 NOT MTu 3	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 3.5	Notification indicator?	MTu 3 AND MCu 2 NOT (MTu 3 AND MCu 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 3.6	Connected number?	MTu 3 NOT MTu 3	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.45: CONNECT ACKNOWLDEGE PDU parameters transmitted by the user

Item	CONNECT ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETu 4.1	Protocol discriminator?	MTu 4 NOT MTu 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 4.2	Call reference?	MTu 4 NOT MTu 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 4.3	Message type?	MTu 4 NOT MTu 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.46: RELEASE PDU parameters transmitted by the user

Item	RELEASE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETu 5.1	Protocol discriminator?	MTu 5 NOT MTu 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 5.2	Call reference?	MTu 5 NOT MTu 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 5.3	Message type?	MTu 5 NOT MTu 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 5.4	Cause?	MTu 5 NOT MTu 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 5.5	Facility?	MTu 5 NOT MTu 5	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.47: RELEASE COMPLETE PDU parameters transmitted by the user

Item	RELEASE COMPLETE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETu 6.1	Protocol discriminator?	MTu 6 NOT MTu 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 6.2	Call reference?	MTu 6 NOT MTu 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 6.3	Message type?	MTu 6 NOT MTu 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 6.4	Cause?	MTu 6 NOT MTu 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 6.5	Facility?	MTu 6 NOT MTu 6	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.48: SETUP PDU parameters transmitted by the user

Item	SETUP PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETu 7.1	Protocol discriminator?	MTu 7 NOT MTu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 7.2	Call reference?	MTu 7 NOT MTu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 7.3	Message type?	MTu 7 NOT MTu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 7.4	Sending complete?	MTu 7 NOT MTu 7	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 7.5	Transit counter?	MTu 7 AND MCu 8 NOT (MTu 7 AND MCu 8)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 7.6	Bearer capability?	MTu 7 NOT MTu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 7.7	VPN indicator?	MTu 7 NOT MTu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 7.8	Facility?	MTu 7 NOT MTu 7	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 7.9	Calling party number?	MTu 7 NOT MTu 7	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETu 7.10	Called party number?	MTu 7 NOT MTu 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.49: Facility Information element contents transmitted by the user

Item	Does the implementation support the information element field and values	Conditions for status	Status	Reference	Support
IETu 1.4.1	Network Facility Extension (octet 3.1)	MCu 1 AND MCu 1.1.2 MCu 1 AND (NOT MCu 1.1.2) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IETu 1.4.2	Network Protocol Profile (octet 3.2)	MCu 1 AND MCu 3 MCu 1 AND (NOT MCu 3) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IETu 1.4.3	Interpretation Component (octet 3.3)	MCu 1 AND MCu 3 MCu 1 AND (NOT MCu3) NOT MCu 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
NOTE:	The support of this field implies the ability to pass this field transparently to the next entity.				
Comments:					

A.7.7 Timers (VPN context)

Table A.50: Timers - user

Item	Timer: Does the implementation support ...	Conditions for status	Status	Reference	Support
TMu 1	T303	MCu 1.2 NOT MCu 1.2	M N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
TMu 2	T308	MCu 1.2 NOT MCu 1.2	M N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
TMu 3	T309	MCu 1.2 NOT MCu 1.2	O N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
TMu 4	T310	MCu 1.2 NOT MCu 1.2	M (note) N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
TMu 5	T313	MCu 1.2 NOT MCu 1.2	O N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
TMu 6	T322	MCu 1.2 NOT MCu 1.2	M N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
NOTE: Optional for entities with Transit PINX or relay node functionality..					
Comments:					

A.7.8 Call states

No items requiring response.

A.8 Network

The tables provided in this clause need only to be completed for network implementations, where item R 2.2 in table A.1 is supported.

A.8.1 Major capabilities

Table A.51: Major capabilities - network

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MCn 1	the functional protocol (common information element category) for the control of supplementary services?		O.4	7	[ ]Yes [ ]No
MCn 1.1	the bearer related transport mechanism?	MCn 1 NOT MCn 1	O.5 N/A	7.2.1.1	[ ]Yes [ ]No [ ] N/A
MCn 1.1.1	Protocol control requirements?	MCn 1.1 NOT MCn 1.1	M N/A	7.2.1.1.1	[ ]Yes [ ]No [ ] N/A
MCn 1.1.2	the termination of the GFT-Control protocol?	MCn 1.1 NOT MCn 1.1	O N/A	7.2.1.1.2	[ ]Yes [ ]No [ ] N/A
MCn 1.2	the connection-oriented bearer independent transport mechanism?	1MCn 1 NOT MCn 1	O.5 N/A	7.2.1.2	[ ]Yes [ ]No [ ] N/A
MCn 1.2.1	Protocol control requirements?	MCn 1.2 NOT MCn 1.2	M N/A	7.2.1.2.1	[ ]Yes [ ]No [ ] N/A
MCn 1.2.2	the termination of the GFT-Control protocol?	MCn 1.2 NOT MCn 1.2	O N/A	7.2.1.2.2	[ ]Yes [ ]No [ ] N/A
MCn 2	generic notification procedures?		O.4	8	[ ]Yes [ ]No
MCn 2.1	Protocol control requirements?	MCn 2 NOT MCn 2	M N/A	8.1.3	[ ]Yes [ ]No [ ] N/A
MCn 2.2	the termination of the GFT-Control protocol?	MCn 2 NOT MCn 2	O N/A	8.1.4	[ ]Yes [ ]No [ ] N/A
MCn 3	Application layer requirements?	MCn 1.1.2 OR MCn 1.2.2 OR MCn 2.2 NOT (MCn 1.1.2 OR MCn 1.2.2 OR MCn 2.2)	M N/A	9	[ ]Yes [ ]No [ ] N/A
MCn 4	Flow control?		O	Annex C	[ ]Yes [ ]No
MCn 5	the co-existence of the public network context and the VPN context on the same access?		O	1	[ ]Yes [ ]No
MCn 6	the transit counter additional network feature?		O	[**7**]	[ ]Yes [ ]No
O.4	Support of at least one of these options is required.				
O.5	Support of at least one of these options is required.				
Comments:					

A.8.2 Subsidiary capabilities

Table A.52: Subsidiary capabilities - network

Item	Subsidiary capability: Does the implementation support...	Conditions for status	Status	Reference	Support
SCn 1	**Notification procedures**				
SCn 1.1	the transport of integer coded notification information in octet 3 of the Notification indicator information element?	MCn 2 NOT MCn 2	O N/A	8.1	[ ]Yes [ ]No [ ] N/A
SCn 1.2	the transport of ASN.1 notification information in octet 4 of the Notification indicator information element, using the codepoint 'Discriminator for BER encoded notification extension' in octet 3?	MCn 2 NOT MCn 2	O N/A	8.1	[ ]Yes [ ]No [ ] N/A
SCn 1.3	the transport of ASN.1 notification information in octet 4 of the Notification indicator information element, using the codepoint 'discriminator for extension to ISO defined ASN.1 encoded notification structure' in octet 3?	MCn 2 NOT MCn 2	O N/A	8.1	[ ]Yes [ ]No [ ] N/A
SCn 1.4	the generation of notification information?	MCn 2 NOT MCn 2	O N/A	7.4.3.1	[ ]Yes [ ]No [ ] N/A
SCn 1.5	the actions at a transit PINX regarding notifications?	MCn 2 NOT MCn 2	M N/A	7.4.3.2	[ ]Yes [ ]No [ ] N/A
SCn 1.5	the actions at a receiving end PINX regarding notifications?	MCn 2 NOT MCn 2	M N/A	7.4.3.3	[ ]Yes [ ]No [ ] N/A
SCn 2	**Control of supplementary services using the common information element approach**				
SCn 2.1	the generation of APDUs (as a source PINX)?	MCn 1.1.2 NOT MCn 1.1.2	O N/A	7.1.2.1	[ ]Yes [ ]No [ ] N/A
SCn 2.2	the actions at a receiving PINX regarding the Facility information element?	MCn 1.1.2 NOT MCn 1.1.2	M N/A	7.1.2.2	[ ]Yes [ ]No [ ] N/A
Comments:					

A.8.3 Protocol data units for the bearer-related transport mechanism (VPN context)

Table A.53: Messages received (VPN context) - network

Item	Message (VPN context): Does the implementation support the interpretation of ...	Conditions for status	Status	Reference	Support
MRn 26	FACILITY?	MCn 1.1 NOT MCn 1.1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.54: Messages transmitted (VPN context) - network

Item	Message (VPN context): Does the implementation support the inclusion of ...	Conditions for status	Status	Reference	Support
MTn 26	FACILITY?	MCn 1.1 NOT MCn 1.1	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

A.8.4 Protocol data units for the connection-oriented bearer independent transport mechanism (VPN context)

Table A.55: Messages received (VPN context) - network

Item	Message (VPN context): Does the implementation support the interpretation of ...	Conditions for status	Status	Reference	Support
MRn 1	FACILITY?	MCn 1 NOT MCn 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRn 2	CALL PROCEEDING?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRn 3	CONNECT?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRn 4	CONNECT ACKNOWLEDGE?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRn 5	RELEASE?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRn 6	RELEASE COMPLETE?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MRn 7	SETUP?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.56: Messages transmitted (VPN context) - network

Item	Message (VPN context): Does the implementation support the inclusion of ...	Conditions for status	Status	Reference	Support
MTn 1	FACILITY?	MCn 1 NOT MCn 1	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTn 2	CALL PROCEEDING?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTn 3	CONNECT?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTn 4	CONNECT ACKNOWLEDGE?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTn 5	RELEASE?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTn 6	RELEASE COMPLETE?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
MTn 7	SETUP?	MCn 1.2 NOT MCn 1.2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

A.8.5 Protocol data unit parameters for the bearer-related transport mechanism (VPN context)

A.8.5.1 Protocol data unit parameters received

Table A.57: FACILITY PDU parameters received by the network

Item	FACILITY PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERn 26.1	Protocol discriminator?	MRn 26 NOT MRn 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 26.2	Call reference?	MRn 26 NOT MRn 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 26.3	Message type?	MRn 26 NOT MRn 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 26.4	Facility?	MRn 26 NOT MRn 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 26.5	Notification indicator?	MRn 26 AND MCn 2 NOT (MRn 26 AND MCn2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.58: ALERTING PDU parameters received by the network

Item	ALERTING PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERn 1.1	Facility?	[1] MRn 1 NOT [1] MRn 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 1.2	Notification indicator?	[1] MRn 1 AND MCn 2 NOT ([1] MRn 1 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.59: CALL PROCEEDING PDU parameters received by the network

Item	CALL PROCEEDING PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERn 2.1	Facility?	[1] MRn 2 NOT [1] MRn 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 2.2	Notification indicator?	[1] MRn 2 AND MCn 2 NOT ([1] MRn 2 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.60: CONNECT PDU parameters received by the network

Item	CONNECT PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERn 4.1	Facility?	[1] MRn 4 NOT [1] MRn 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 4.2	Notification indicator?	[1] MRn 4 AND MCn 2 NOT ([1] MRn 4 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.61: CONNECT ACKNOWLDEGE PDU parameters received by the network

Item	CONNECT ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERn 5.1	Facility?	[1] MRn 5 NOT [1] MRn 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 5.2	Notification indicator?	[1] MRn 5 AND MCn 2 NOT ([1] MRn 5 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.62: DISCONNECT PDU parameters received by the network

Item	DISCONNECT PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERn 6.1	Facility?	[1] MRn 6 NOT [1] MRn 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 6.2	Notification indicator?	[1] MRn 6 AND MCn 2 NOT ([1] MRn 6 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.63: INFORMATION PDU parameters received by the network

Item	INFORMATION PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERn 8.1	Facility?	[1] MRn 8 NOT [1] MRn 8	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 8.2	Notification indicator?	[1] MRn 8 AND MCn 2 NOT ([1] MRn 8 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.64: PROGRESS PDU parameters received by the network

Item	PROGRESS PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERn 10.1	Facility?	[1] MRn 10 NOT [1] MRn 10	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 10.2	Notification indicator?	[1] MRn 10 AND MCn 2 NOT ([1] MRn 10 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.65: RELEASE PDU parameters received by the network

Item	RELEASE PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERn 11.1	Facility?	[1] MRn 11 NOT [1] MRn 11	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 11.2	Notification indicator?	[1] MRn 11 AND MCn 2 NOT ([1] MRn 11 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.66: RELEASE COMPLETE PDU parameters received by the network

Item	RELEASE COMPLETE PDU parameters (VPN context): Does the implementation support the information element ...	Conditions for status	Status	Reference	Support
IERn 12.1	Facility?	[1] MRn 12 NOT [1] MRn 12	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 12.2	Notification indicator?	[1] MRn 12 AND MCn 2 NOT ([1] MRn 12 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.67: SETUP PDU parameters received by the network

Item	SETUP PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERn 19.1	Facility?	[1] MRn 19 NOT [1] MRn 19	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 19.2	Notification indicator?	[1] MRn 19 AND MCn 2 NOT ([1] MRn 19 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.68: SETUP ACKNOWLEDGE PDU parameters received by the network

Item	SETUP ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IERu 20.1	Facility?	[1] MRn 20 NOT [1] MRn 20	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERu 20.2	Notification indicator?	[1] MRn 20 AND MCn 2 NOT ([1] MRn 20 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.69: Facility Information element contents received by the network

Item	Does the implementation support the information element field and values	Conditions for status	Status	Reference	Support
IERn 1.4.1	Network Facility Extension (octet 3.1)	MCn 1 AND MCn 1.1.2 MCn 1 AND (NOT MCn 1.1.2) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IERn 1.4.2	Network Protocol Profile (octet 3.2)	MCn 1 AND MCn 3 MCn 1 AND (NOT MCn 3) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IERn 1.4.3	Interpretation Component (octet 3.3)	MCn 1 AND MCn 3 MCn 1 AND (NOT MCn 3) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
NOTE: The support of this field implies the ability to pass this field transparently to the next entity.					
Comments:					

A.8.5.2 Protocol data unit parameters transmitted

Table A.70: FACILITY PDU parameters transmitted by the network

Item	FACILITY PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETn 26.1	Protocol discriminator?	MTn 26 NOT MTn 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 26.2	Call reference?	MTn 26 NOT MTn 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 26.3	Message type?	MTn 26 NOT MTn 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 26.4	Facility?	MTn 26 NOT MTn 26	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 26.5	Notification indicator?	MTn 26 AND MCn 2 NOT (MTn 26 AND MCn2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.71: ALERTING PDU parameters transmitted by the network

Item	CALL PROCEEDING PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETn 1.1	Facility?	[1] MTn 1 NOT [1] MTn 1	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 1.2	Notification indicator?	[1] MTn 1 AND MCn 2 NOT ([1] MTn 1 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.72: CALL PROCEEDING PDU parameters transmitted by the network

Item	CALL PROCEEDING PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETn 2.1	Facility?	[1] MTn 2 NOT [1] MTn 2	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 2.2	Notification indicator?	[1] MTn 2 AND MCn 2 NOT ([1] MTn 2 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.73: CONNECT PDU parameters transmitted by the network

Item	CONNECT PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETn 4.1	Facility?	[1] MTn 4 NOT [1] MTn 4	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 4.2	Notification indicator?	[1] MTn 4 AND MCn 2 NOT ([1] MTn 4 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.74: CONNECT ACKNOWLDEGE PDU parameters transmitted by the network

Item	CONNECT ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETn 5.1	Facility?	[1] MTn 5 NOT [1] MTn 5	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 5.2	Notification indicator?	[1] MTn 5 AND MCn 2 NOT ([1] MTn 5 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A

Table A.75: DISCONNECT PDU parameters transmitted by the network

Item	DISCONNECT PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETn 6.1	Facility?	[1] MTn 6 NOT [1] MTn 6	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 6.2	Notification indicator?	[1] MTn 6 AND MCn 2 NOT ([1] MTn 6 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.76: INFORMATION PDU parameters transmitted by the network

Item	INFORMATION PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETn 8.1	Facility?	[1] MTn 8 NOT [1] MTn 8	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 8.2	Notification indicator?	[1] MTn 8 AND MCn 2 NOT ([1] MTn 8 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.77: PROGRESS PDU parameters transmitted by the network

Item	PROGRESS PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETn 10.1	Facility?	[1] MTn 10 NOT [1] MTn 10	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 10.2	Notification indicator?	[1] MTn 10 AND MCn 2 NOT ([1] MTn 10 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.78: RELEASE PDU parameters transmitted by the network

Item	RELEASE PDU parameters (VPN context): Does the implementation support the information element ...	Conditions for status	Status	Reference	Support
IETn 11.1	Facility?	[1] MTn 11 NOT [1] MTn 11	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 11.2	Notification indicator?	[1] MTn 11 AND MCn 2 NOT ([1] MTn 11 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.79: RELEASE COMPLETE PDU parameters transmitted by the network

Item	RELEASE COMPLETE PDU parameters (VPN context): Does the implementation support the information element ...	Conditions for status	Status	Reference	Support
IETn 12.1	Facility?	[1] MTn 12 NOT [1] MTn 12	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 12.2	Notification indicator?	[1] MTn 12 AND MCn 2 NOT ([1] MTn 12 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.80: SETUP PDU parameters transmitted by the network

Item	SETUP PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETn 19.1	Facility?	[1] MTn 19 NOT [1] MTn 19	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 19.2	Notification indicator?	[1] MTn 19 AND MCn 2 NOT ([1] MTn 19 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.81: SETUP ACKNOWLEDGE PDU parameters transmitted by the network

Item	SETUP ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the information element...	Conditions for status	Status	Reference	Support
IETn 20.1	Facility?	[1] MTn 20 NOT [1] MTn 20	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 20.2	Notification indicator?	[1] MTn 20 AND MCn 2 NOT ([1] MTn 20 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.82: Facility Information element contents transmitted by the network

Item	Does the implementation support the information element field and values	Conditions for status	Status	Reference	Support
IETn 1.4.1	Network Facility Extension (octet 3.1)	MCn 1 AND MCn 1.1.2 MCn 1 AND (NOT MCn 1.1.2) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IETn 1.4.2	Network Protocol Profile (octet 3.2)	MCn 1 AND MCn 3 MCn 1 AND (NOT MCn 3) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IETn 1.4.3	Interpretation Component (octet 3.3)	MCn 1 AND MCn 3 MCn 1 AND (NOT MCn3) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
NOTE: The support of this field implies the ability to pass this field transparently to the next entity.					
Comments:					

A.8.6 Protocol data unit parameters for the connection-oriented bearer independent transport mechanism (VPN context)

A.8.6.1 Protocol data unit parameters received

Table A.83: FACILITY PDU parameters received by the network

Item	FACILITY PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERn 1.1	Protocol discriminator?	MRn 1 NOT MRn 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 1.2	Call reference?	MRn 1 NOT MRn 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 1.3	Message type?	MRn 1 NOT MRn 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 1.4	Facility?	MRn 1 NOT MRn 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 1.5	Notification indicator?	MRn 1 AND MCn 2 NOT (MRn 1 AND MCn2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.84: CALL PROCEEDING PDU parameters received by the network

Item	CALL PROCEEDING PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERn 2.1	Protocol discriminator?	MRn 2 NOT MRn 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 2.2	Call reference?	MRn 2 NOT MRn 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 2.3	Message type?	MRn 2 NOT MRn 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 2.4	Channel identification?	MRn 2 NOT MRn 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.85: CONNECT PDU parameters received by the network

Item	CONNECT PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERn 3.1	Protocol discriminator?	MRn 3 NOT MRn 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 3.2	Call reference?	MRn 3 NOT MRn 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 3.3	Message type?	MRn 3 NOT MRn 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 3.4	Facility?	MRn 3 NOT MRn 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 3.5	Notification indicator?	MRn 3 AND MCn 2 NOT (MRn 3 AND MCn 2)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 3.6	Connected number?	MRn 3 NOT MRn 3	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.86: CONNECT ACKNOWLDEGE PDU parameters received by the network

Item	CONNECT ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERn 4.1	Protocol discriminator?	MRn 4 NOT MRn 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 4.2	Call reference?	MRn 4 NOT MRn 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 4.3	Message type?	MRn 4 NOT MRn 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.87: RELEASE PDU parameters received by the network

Item	RELEASE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERn 5.1	Protocol discriminator?	MRn 5 NOT MRn 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 5.2	Call reference?	MRn 5 NOT MRn 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 5.3	Message type?	MRn 5 NOT MRn 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 5.4	Cause?	MRn 5 NOT MRn 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 5.5	Facility?	MRn 5 NOT MRn 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.88: RELEASE COMPLETE PDU parameters received by the network

Item	RELEASE COMPLETE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERn 6.1	Protocol discriminator?	MRn 6 NOT MRn 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 6.2	Call reference?	MRn 6 NOT MRn 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 6.3	Message type?	MRn 6 NOT MRn 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 6.4	Cause?	MRn 6 NOT MRn 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 6.5	Facility?	MRn 6 NOT MRn 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.89: SETUP PDU parameters received by the network

Item	SETUP PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IERn 7.1	Protocol discriminator?	MRn 7 NOT MRn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 7.2	Call reference?	MRn 7 NOT MRn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 7.3	Message type?	MRn 7 NOT MRn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 7.4	Sending complete?	MRn 7 NOT MRn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 7.5	Transit counter?	MRn 7 AND MCn 8 NOT (MRn 7 AND MCn 8)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 7.6	Bearer capability?	MRn 7 NOT MRn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 7.7	VPN indicator?	MRn 7 NOT MRn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 7.8	Facility?	MRn 7 NOT MRn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 7.9	Calling party number?	MRn 7 NOT MRn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IERn 7.10	Called party number?	MRn 7 NOT MRn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.90: Facility Information element contents received by the network

Item	Does the implementation support the information element field and values	Conditions for status	Status	Reference	Support
IERn 1.4.1	Network Facility Extension (octet 3.1)	MCn 1 AND MCn 1.1.2 MCn 1 AND (NOT MCn 1.1.2) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IERn 1.4.2	Network Protocol Profile (octet 3.2)	MCn 1 AND MCn 3 MCn 1 AND (NOT MCn 3) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IERn 1.4.3	Interpretation Component (octet 3.3)	MCn 1 AND MCn 3 MCn 1 AND (NOT MCn3) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
NOTE:	The support of this field implies the ability to pass this field transparently to the next entity.				
Comments:					

A.8.6.2 Protocol data unit parameters transmitted

Table A.91: FACILITY PDU parameters transmitted by the network

Item	FACILITY PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETn 1.1	Protocol discriminator?	MTn 1 NOT MTn 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 1.2	Call reference?	MTn 1 NOT MTn 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 1.3	Message type?	MTn 1 NOT MTn 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 1.4	Facility?	MTn 1 NOT MTn 1	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 1.5	Notification indicator?	MTn 1 AND MCn 2 NOT (MTn 1 AND MCn2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.92: CALL PROCEEDING PDU parameters transmitted by the network

Item	CALL PROCEEDING PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETn 2.1	Protocol discriminator?	MTn 2 NOT MTn 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 2.2	Call reference?	MTn 2 NOT MTn 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 2.3	Message type?	MTn 2 NOT MTn 2	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 2.4	Channel identification?	MTn 2 NOT MTn 2	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.93: CONNECT PDU parameters transmitted by the network

Item	CONNECT PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETn 3.1	Protocol discriminator?	MTn 3 NOT MTn 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 3.2	Call reference?	MTn 3 NOT MTn 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 3.3	Message type?	MTn 3 NOT MTn 3	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 3.4	Facility?	MTn 3 NOT MTn 3	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 3.5	Notification indicator?	MTn 3 AND MCn 2 NOT (MTn 3 AND MCn 2)	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 3.6	Connected number?	MTn 3 NOT MTn 3	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.94: CONNECT ACKNOWLDEGE PDU parameters transmitted by the network

Item	CONNECT ACKNOWLEDGE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETn 4.1	Protocol discriminator?	MTn 4 NOT MTn 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 4.2	Call reference?	MTn 4 NOT MTn 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 4.3	Message type?	MTn 4 NOT MTn 4	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.95: RELEASE PDU parameters transmitted by the network

Item	RELEASE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETn 5.1	Protocol discriminator?	MTn 5 NOT MTn 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 5.2	Call reference?	MTn 5 NOT MTn 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 5.3	Message type?	MTn 5 NOT MTn 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 5.4	Cause?	MTn 5 NOT MTn 5	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 5.5	Facility?	MTn 5 NOT MTn 5	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.96: RELEASE COMPLETE PDU parameters transmitted by the network

Item	RELEASE COMPLETE PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETn 6.1	Protocol discriminator?	MTn 6 NOT MTn 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 6.2	Call reference?	MTn 6 NOT MTn 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 6.3	Message type?	MTn 6 NOT MTn 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 6.4	Cause?	MTn 6 NOT MTn 6	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 6.5	Facility?	MTn 6 NOT MTn 6	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.97: SETUP PDU parameters transmitted by the network

Item	SETUP PDU parameters (VPN context): Does the implementation support the ...	Conditions for status	Status	Reference	Support
IETn 7.1	Protocol discriminator?	MTn 7 NOT MTn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 7.2	Call reference?	MTn 7 NOT MTn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 7.3	Message type?	MTn 7 NOT MTn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 7.4	Sending complete?	MTn 7 NOT MTn 7	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 7.5	Transit counter?	MTn 7 AND MCn 8 NOT (MTn 7 AND MCn 8)	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 7.6	Bearer capability?	MTn 7 NOT MTn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 7.7	VPN indicator?	MTn 7 NOT MTn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 7.8	Facility?	MTn 7 NOT MTn 7	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 7.9	Calling party number?	MTn 7 NOT MTn 7	O N/A	11.1	[ ]Yes [ ]No [ ] N/A
IETn 7.10	Called party number?	MTn 7 NOT MTn 7	M N/A	11.1	[ ]Yes [ ]No [ ] N/A
Comments:					

Table A.98: Facility Information element contents transmitted by the network

Item	Does the implementation support the information element field and values	Conditions for status	Status	Reference	Support
IETn 1.4.1	Network Facility Extension (octet 3.1)	MCn 1 AND MCn 1.1.2 MCn 1 AND (NOT MCn 1.1.2) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IETn 1.4.2	Network Protocol Profile (octet 3.2)	MCn 1 AND MCn 3 MCn 1 AND (NOT MCn 3) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
IETn 1.4.3	Interpretation Component (octet 3.3)	MCn 1 AND MCn 3 MCn 1 AND (NOT MCn3) NOT MCn 1	M M (note) N/A	11.2.1	[ ]Yes [ ]No [ ]Yes [ ]No [ ]N/A
NOTE:	The support of this field implies the ability to pass this field transparently to the next entity.				
Comments:					

A.8.7 Timers

Table A.99: Timers - network

Item	Timer: Does the implementation support ...	Conditions for status	Status	Reference	Support
TMn 1	T303	MCn 1.2 NOT MCn 1.2	M N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
TMn 2	T308	MCn 1.2 NOT MCn 1.2	M N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
TMn 3	T309	MCn 1.2 NOT MCn 1.2	O N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
TMn 4	T310	MCn 1.2 NOT MCn 1.2	M (note) N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
TMn 5	T313	MCn 1.2 NOT MCn 1.2	O N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
TMn 6	T322	MCn 1.2 NOT MCn 1.2	M N/A	7.2.1.2.1.7	[ ]Yes [ ]No [ ]N/A
NOTE: Optional for entities with Transit PINX or relay node functionality..					
Comments:					

A.8.8 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 PICS proforma given in EN 301 060-2 [3] required for support of EN 301 061-1 [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

B.1A Requirements on items used in the basic call PICS

No additional requirements.

B.2 Network

B.2A Requirements on items used in the basic call PICS

No additional requirements.

History

Document history				
V1.1.1	January 1998	Public Enquiry	PE 9822:	1998-01-30 to 1998-05-29
V1.1.2	August 1998	Vote	V 9843:	1998-08-25 to 1998-10-23