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**Broadband Integrated Services Digital Network (B-ISDN);
Digital Subscriber Signalling System No. two (DSS2) protocol;
B-ISDN user-network interface layer 3
specification for basic call/bearer control;
Part 2: Protocol Implementation Conformance Statement (PICS)
proforma specification**

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Foreword

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

This ETS is part 2 of a multi-part standard covering the specification of the Broadband Integrated Services Digital Network (B-ISDN) user-network interface layer 3 protocol for basic call/bearer control of Digital Subscriber Signalling System No. two (DSS2) as described below:

Part 1: "Protocol specification [ITU-T Recommendation Q.2931, modified]";

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

NOTE: Further parts covering conformance testing will be identified later.

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

Introduction

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 protocol. Such a statement is called an Implementation Conformance Statement (ICS). An ICS stating what capabilities and options have been implemented for a particular protocol is called a protocol ICS. This is commonly abbreviated to "PICS".

ETS 300 443-1 is derived from ITU-T Recommendation Q.2931 (1995). However, no PICS proforma exists for this Recommendation. Therefore, ETSI has created a PICS proforma that is specific to the European environment. This PICS proforma reflects the requirements contained in ITU-T Recommendation Q.2931 with the modifications applied by ETS 300 443-1. This has been done to assist understanding of how the European requirements relate to the requirements contained within ITU-T Recommendation Q.2931 (and in particular, to the options specified in that recommendation that are selected by the ETS). In practical terms, this means that a number of capabilities specified by ITU-T Recommendation Q.2931 appear as items in this PICS proforma with a status more akin to the status that would be expected in a profile ICS (i.e., out-of-scope (I), prohibited (X)).

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1 Scope

This second part of ETS 300 443 provides the Protocol Implementation Conformance Statement (PICS) proforma for the Broadband Integrated Services Digital Network (B-ISDN) Digital Subscriber Signalling System No. two (DSS2) protocol user-network interface layer 3 specification for basic call control defined in ETS 300 443-1 [1] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [3].

The supplier of a protocol implementation that is claimed to conform to ETS 300 443-1 [1] is required to complete a copy of the PICS proforma provided in annex A of this ETS and is required to provide the information necessary to identify both the supplier and the implementation.

2 Normative references

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

- [1] ETS 300 443-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; B-ISDN user-network interface layer 3 specification for basic call/bearer control; Part 1: Protocol specification [ITU-T Recommendation Q.2931 (1995), modified]".
- [2] ISO/IEC 9646-1: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 1: General concepts".
- [3] ISO/IEC 9646-7: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of this ETS, the definitions in ETS 300 443-1 [1], ISO/IEC 9646-1 [2], and ISO/IEC 9646-7 [3] apply. In particular, the following terms defined in ISO/IEC 9646-1 [2] apply:

Implementation Conformance Statement (ICS): A statement made by the supplier of an implementation or system claimed to conform to a given specification, stating which capabilities have been implemented. The ICS can take several forms: protocol ICS (PICS), profile ICS, profile specific ICS, and information object ICS.

Protocol Implementation Conformance Statement (PICS): An ICS for an implementation or system claimed to conform to a given protocol specification.

PICS proforma: A document, in the form of a questionnaire, which when completed for an implementation or system becomes a PICS.

The following definitions also apply:

network: The DSS2 protocol entity at the network side of the user-network interface.

user: The DSS2 protocol entity at the user side of the user-network interface.

3.2 Abbreviations

For the purposes of this ETS, the following abbreviations are used:

AAL	ATM Adaptation Layer
ATM	Asynchronous Transfer Mode
BCOB	Broadband Class Of Bearer
B-ISDN	Broadband Integrated Services Digital Network
CBR	Constant Bit Rate
CLP	Cell Loss Priority
CPCS	Common Part Convergence Sublayer
DSS2	Digital Subscriber Signalling System No. two
FEC	Forward Error Correction
HDLC	High-level Data Link Control
HDLC ABM	HDLC Asynchronous Balanced Mode
HDLC ARM	HDLC Asynchronous Response Mode
HDLC NRM	HDLC Normal Response Mode
ICS	Implementation Conformance Statement
IUT	Implementation Under Test
LAN	Local Area Network
MID	Multiplexing Identifier
NSAP	Network layer Service Access Point
OAM	Operations And Maintenance
PDU	Protocol Data Unit
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
QOS	Quality Of Service
SDU	Service Data Unit
SLP	Single Link Procedure
SSCOP	Service Specific Connection-Oriented Protocol
SSCS	Service Specific Convergence Sublayer
SUT	System Under Test
VC	Virtual Connection
VCI	Virtual Connection Identifier
VP	Virtual Path
VPCI	Virtual Path Connection Identifier

4 Conformance

A PICS proforma that 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 that conforms to this PICS proforma specification shall:

- a) describe an implementation which conforms to ETS 300 443-1 [1];
- b) be a conforming PICS proforma, which has been completed in accordance with the instructions for completion given in clause A.1;
- c) include the information necessary to uniquely identify both the supplier and the implementation.

Annex A (normative): PICS Proforma for ETS 300 443-1

Notwithstanding the provisions of the copyright clause related to the text of this ETS, ETSI grants that users of this ETS may freely reproduce the PICS proforma in this annex so that it can be used for its intended purposes and may further publish the completed PICS.

A.1 Guidance for completing the PICS proforma

A.1.1 Purpose and structure

The purpose of this PICS proforma is to provide a mechanism whereby a supplier of an implementation of the requirements defined in ETS 300 443-1 [1] may provide information in a standardized manner.

The PICS proforma is subdivided into clauses as follows:

- A.1: instructions for completing the various parts of the PICS proforma;
- A.2: identification of the implementation;
- A.3: identification of the protocol to which this PICS proforma applies;
- A.4: explanation of the PICS proforma tables;
- A.5: global statement of conformance;
- A.6: questions to determine roles;
- A.7: questions for the user role;
- A.8: questions for the network role.

A.1.2 Abbreviations and conventions

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 [3].

Item column

The item column contains a unique reference (a mnemonic plus a number) for each item within the PICS proforma. Items are not always numbered sequentially.

Item description column

The item description contains a brief summary of the static requirement for which a support answer is required.

Conditions for status column

The conditions for status column contains a specification, if appropriate, of the predicate upon which a conditional status is based.

Status column

The following notations, defined in ISO/IEC 9646-7 [5], are used for the status column:

- | | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I | Irrelevant or out-of-scope - this capability is outside the scope of the ETS to which this PICS proforma applies and is not subject to conformance testing in this context. |
| M | Mandatory - the capability is required to be supported. |
| N/A | Not Applicable - in the given context, it is impossible to use the capability. No answer in the support column is required. |
| O | Optional - the capability may be supported or not. |

O.i qualified optional - for mutually exclusive or selectable options from a set. "i" is an integer that identifies an unique group of related optional items and the logic of their selection, defined below the table.

X eXcluded or prohibited - there is a requirement not to use this capability in a given context.

NOTE: To support a capability means that the capability is implemented in conformance to ETS 300 443-1 [1].

Reference column

Except where explicitly stated, the reference column refers to the appropriate text of ITU-T Recommendation Q.2931 as modified by ETS 300 443-1 [1] describing the particular item.

NOTE: A reference indicates only the location of the most essential information about an item. All additional requirements contained in ETS 300 443-1 [**Error! Bookmark not defined.**] have also to be taken into account when making a statement about the conformance of that particular item.

Support column

The following notation, defined in ISO/IEC 9646-7 [3], is used for the support column:

- Yes Tick "Yes" if item is supported.
- No Tick "No" if item is not supported.
- N/A Tick "N/A" if the item is "not applicable".

Prerequisite line

A prerequisite line takes the form: Prerequisite: <predicate>.

A prerequisite line after a subclause heading or table title indicates that the whole subclause or the whole table is not required to be completed if the predicate is FALSE.

A.1.3 Instructions for completing the PICS proforma

The supplier of the implementation shall complete the PICS proforma. For each row in each PICS proforma table the supplier shall enter an explicit answer (i.e., by ticking the appropriate "Yes", "No", or "N/A" in each of the support column boxes provided. Where a support column box is left blank, or where it is marked "N/A" without any tickbox, no answer is required.

If necessary, the supplier may enter additional comments at the end of each table, or separately.

More detailed instructions may be found at the beginning of each subclause of the proforma.

A.2 Identification of the implementation

Identification of the Implementation Under Test (IUT) and the system in which it resides (the System Under Test (SUT)) should be filled in to provide as much detail as possible regarding version numbers and configuration options.

The product supplier 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.

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:

.....

E-mail address:

.....

Additional information:

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

A.2.5 Client

Name:

.....

Address:

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

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

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

A.2.6 PICS contact person

Name:

.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

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

A.3 Identification of the protocol to which this PICS proforma applies

This PICS proforma applies to the following standard:

ETS 300 443-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; B-ISDN user-network interface layer 3 specification for basic call/bearer control; Part 1: Protocol specification [ITU-T Recommendation Q.2931 (1995), modified]".

A.4 Global statement of conformance

Does the implementation described in this PICS meet 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 a comments field or on pages attached to the PICS. An explanation should be given of the nature of non-conformance.

A.5 PICS proforma tables

A.5.1 Correspondence to a physical interface

The "implementation" (IUT) about which this PICS proforma asks questions corresponds to a layer 3 implementation on top of ONE physical interface. If the SUT implements more than one configuration, then a layer 3 PICS shall be created for each type of interface (and for each configuration of each interface) provided by the SUT.

A.5.2 Structure of the tables

The supplier shall provide answers to the questions concerning the major roles of the IUT (table A.1). The supplier shall then provide answers to the questions relating to the capabilities of the IUT in one of the major roles as appropriate. Apart from the initial questions to determine roles, the major roles of the IUT (the user role (R 1) and the network role (R 2)) are treated completely separately in the PICS proforma. It is only necessary to complete the questions for the supported role. Clause A.7 concerns the capabilities of the IUT whilst in the user role. Clause A.8 concerns the capabilities of the IUT whilst in the network role.

A.5.3 Support for received Protocol Data Unit (PDU) parameters

In the PDU parameter tables (see subclauses A.7.5 and A.8.5), the PICS proforma asks questions about the information elements (parameters) supported in messages (PDUs) received by the IUT. This subclause explains, in the context of ETS 300 443-1 [1], what "to support a received PDU parameter" means.

The requirement that an IUT is able to parse an information element in a received message is already implied by claiming support for the receipt of that received message. This means that "to support a received PDU parameter" implies more.

Information elements in received messages are regarded as either transparent or non-transparent.

A non-transparent information element is one that causes the protocol control entity to vary its behaviour in accordance with the content of the information element. To support a non-transparent information element means an IUT can process the received parameter and behave according to the procedures described in ETS 300 443-1 [1].

An information element is transparent if the actions taken according to its contents are not detectable in the subsequent behaviour of the protocol (i.e., ETS 300 443-1 [1] does not specify the behaviour). To support a transparent information element means an IUT can receive the information element concerned and pass it to an appropriate processing entity (e.g. call control); the information element is not discarded by the protocol control entity. Non-support of a transparent information element means that the IUT discards it.

This PICS proforma considers the Cause information element to be transparent in all circumstances where it is possible to be received. Other information elements may be transparent in some circumstances.

A.6 Roles

Table A.1: Roles

Item	Role: Does the implementation support...	Conditions for status	Status	Reference	Support
R 1	the user role		O.1		<input type="checkbox"/> Yes <input type="checkbox"/> No
R 2	the network role		O.1		<input type="checkbox"/> Yes <input type="checkbox"/> No
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:

Prerequisite: R 1

A.7.1 Major capabilities

Each question in table A.2 refers to a major function of the protocol. Answering "Yes" to a particular question states that the implementation supports all the mandatory procedures for that function defined in the referenced clauses and subclauses of ITU-T Recommendation Q.2931 as modified by ETS 300 443-1 [1]. Answering "No" to a particular question states that the implementation does not support that function of the protocol.

Table A.2: Major capabilities of the user role

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
Call establishment at the originating interface					
MCu 1	outgoing calls		O.2	5.1	[]Yes []No
MCu 1.1	support associated signalling on the originating side	MCu 1 NOT MCu 1	O N/A	5.1.2	[]Yes []No []N/A
Call establishment at the destination interface					
MCu 2	incoming calls		O.2	5.2	[]Yes []No
MCu 2.1	support associated signalling on the destination side	MCu 2 NOT MCu 2	O N/A	5.2.3	[]Yes []No []N/A
Others					
MCu 3	initiation of call clearing		M	5.4	[]Yes []No
MCu 4	restart procedure		M	5.5	[]Yes []No
MCu 5	handling of error conditions		M	5.6	[]Yes []No
MCu 5.1	invoke the status enquiry procedure on receipt of an AAL-ESTABLISH.indication in the call establishment phase		O	5.6.9 b)	[]Yes []No
MCu 6	error procedures with explicit action indication		M	5.7	[]Yes []No
MCu 7	handling of messages with insufficient information		M	5.8	[]Yes []No
MCu 8	notification procedures		M	5.9	[]Yes []No
MCu 9	additional procedures for the provision of 64 kbit/s circuit-mode services		O	6	[]Yes []No
MCu 10	broadband low layer information negotiation		O	Annex C	[]Yes []No
MCu 11	transit network selection procedures		O	Annex D.2	[]Yes []No
MCu 12	ATM adaptation layer parameters indication and negotiation		O	Annex F	[]Yes []No
MCu 13	handling of the OAM traffic descriptor		O	Annex I	[]Yes []No
MCu 14	handling of the End-to-end transit delay information element		O	Annex K	[]Yes []No
O.2	Support of at least one of these options is required.				
Comments:					

A.7.3 Subsidiary capabilities

Indicating support for an item in table A.3 states that the implementation supports special cases or options within a major capability.

Table A.3: Subsidiary capabilities of the user role

Item	Subsidiary capability: Does the implementation support...	Conditions for status	Status	Reference	Support
Call establishment at the originating interface					
SCu 1	sending of the called party address information in the Called party number information element	MCu 1 NOT MCu 1	M N/A	5.1.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
SCu 2	overlap sending	MCu 9 NOT MCu 9	O N/A	6.5.2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
SCu 2.1	timer T304	MCu 9	O	6.5.2	<input type="checkbox"/> Yes <input type="checkbox"/> No
SCu 2.2	sending of the Broadband sending complete information element	MCu 9	O	6.5.2	<input type="checkbox"/> Yes <input type="checkbox"/> No
Call establishment at the destination interface					
SCu 3	compatibility checking	MCu 2 NOT MCu 2	M N/A	5.2.2.2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
SCu 4	overlap receiving	MCu 9 NOT MCu 9	M N/A	6.5.3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Comments:					

A.7.4 PDUs

The tables in this subclause ask questions related to the supported PDUs in the user role. In the DSS2 protocol, PDUs are known by the term "messages".

A.7.4.1 Messages received by the user

Indicating support for an item in table A.4 states that the implementation has the ability to recognize the message listed in that item. Support for the receipt of a particular type of PDU means support for recognising and acting upon all valid instances of that PDU type, including all valid PDU parameters, to the extent required by ETS 300 443-1 [1].

Table A.4: Messages received by the user

Item	Message: Does the implementation support the receipt of...	Conditions for status	Status	Reference	Support
MRu 1	ALERTING	MCu 1 NOT MCu 1	M N/A	3.1.1, 3.2.1, 5.1.6	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MRu 2	CALL PROCEEDING	MCu 1 NOT MCu 1	M N/A	3.1.2, 3.2.2, 5.1.5	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MRu 3	CONNECT	MCu 1 NOT MCu 1	M N/A	3.1.3, 3.2.3, 5.1.7	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MRu 4	CONNECT ACKNOWLEDGE	MCu 2 NOT MCu 2	M N/A	3.1.4, 5.2.7	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MRu 5	INFORMATION	SCu 2.2 NOT SCu 2.2	M N/A	3.2.4, 6.5.3	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu 6	NOTIFY		M	3.1.10, 5.9	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu 7	PROGRESS	MCu 9 NOT MCu 9	M N/A	3.2.5, 6.6.1, 6.6.2	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu 8	RELEASE		M	3.1.5, 3.2.6, 5.4.4, 5.4.5	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu 9	RELEASE COMPLETE		M	3.1.6, 5.1.2, 5.1.3, 5.2.5.3, 5.4.3, 5.6.3.2, 5.6.7, 5.6.8.1, 5.7.2	<input type="checkbox"/> Yes <input type="checkbox"/> No

(continued)

Table A.4 (concluded): Messages received by the user

Item	Message: Does the implementation support the receipt of...	Conditions for status	Status	Reference	Support
MRu 10	RESTART		M	3.3.1, 5.5.2	[]Yes []No
MRu 11	RESTART ACKNOWLEDGE		M	3.3.2, 5.5.1	[]Yes []No
MRu 12	SETUP	MCu 2 NOT MCu 2	M N/A	3.1.7, 3.2.7, 5.2	[]Yes []No []N/A
MRu 13	SETUP ACKNOWLEDGE	SCu 2 NOT SCu 2	M N/A	3.2.8, 6.5.2	[]Yes []No []N/A
MRu 14	STATUS		M	3.1.8, 5.6.3.2, 5.6.12	[]Yes []No
MRu 15	STATUS ENQUIRY		M	3.1.9, 5.6.3.2, 5.6.11	[]Yes []No
Comments:					

A.7.4.2 Messages transmitted by the user

Indicating support for an item in table A.5 states that the implementation has the ability to transmit the message listed in that item.

Table A.5: Messages transmitted by the user

Item	Message: Does the implementation support the receipt of...	Conditions for status	Status	Reference	Support
MTu 1	ALERTING	MCu 2 NOT MCu 2	M N/A	3.1.1, 3.2.1, 5.2.5.1	[]Yes []No []N/A
MTu 2	CALL PROCEEDING	MCu 2 NOT MCu 2	M N/A	3.1.2, 3.2.2, 5.2.5.1	[]Yes []No []N/A
MTu 3	CONNECT	MCu 2 NOT MCu 2	M N/A	3.1.3, 3.2.3, 5.2.6	[]Yes []No []N/A
MTu 4	CONNECT ACKNOWLEDGE	MCu 1 NOT MCu 1	M N/A	3.1.4, 5.1.7	[]Yes []No []N/A
MTu 5	INFORMATION	SCu 2 NOT SCu 2	M N/A	3.2.4, 6.5.2	[]Yes []No
MTu 6	NOTIFY		M	3.1.10, 5.9	[]Yes []No
MTu 7	PROGRESS	MCu 9 NOT MCu 9	M N/A	3.2.5, 6.6.1, 6.6.2	[]Yes []No
MTu 8	RELEASE		M	3.1.5, 3.2.6, 5.4.3	[]Yes []No
MTu 9	RELEASE COMPLETE		M	3.1.6, 5.2.2.2.2, 5.2.3, 5.2.4, 5.2.5, 5.4.4	[]Yes []No
MTu 10	RESTART		M	3.3.1, 5.5.1	[]Yes []No
MTu 11	RESTART ACKNOWLEDGE		M	3.3.2, 5.5.2	[]Yes []No
MRu 12	SETUP	MCu 2 NOT MCu 2	M N/A	3.1.7, 3.2.7, 5.1	[]Yes []No []N/A
MTu 13	SETUP ACKNOWLEDGE	SCu 2 NOT SCu 2	M N/A	3.2.8, 6.5.3	[]Yes []No []N/A
MTu 14	STATUS		M	3.1.8, 5.5.2.1, 5.6.3.2, 5.6.4, 5.6.7, 5.6.8, 5.6.11, 5.7	[]Yes []No
MTu 15	STATUS ENQUIRY		M	3.1.9, 5.6.3.2, 5.6.11	[]Yes []No
Comments:					

A.7.5 PDU parameters

The tables in this subclause ask questions related to the support of PDU parameters in messages received and transmitted by the IUT in the user role. In the DSS2, protocol PDU parameters are known by the term "information elements".

Tables A.6 and A.7 deal with the four information elements that appear in all messages that are either received or transmitted (respectively) by the IUT in the user role (Protocol discriminator, Call reference, Message type and Message length) and two information elements which may appear in a message for which it is mandatory for the receiver to interpret (shift information elements).

Table A.6: Information elements in all messages received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu-IE1	Protocol discriminator		M	3.1, 3.2, 4.2	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu-IE2	Call reference		M	3.1, 3.2, 4.3	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu-IE3	Message type		M	3.1, 3.2, 4.4.1	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu-IE4	Message length		M	3.1, 3.2, 4.4.2	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu-IE5	Broadband locking shift		M	4.5.3	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu-IE25	Broadband non-locking shift		M	4.5.4	<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.7: Information elements in all messages transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu-IE1	Protocol discriminator		M	3.1, 3.2, 4.2	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu-IE2	Call reference		M	3.1, 3.2, 4.3	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu-IE3	Message type		M	3.1, 3.2, 4.4.1	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu-IE4	Message length		M	3.1, 3.2, 4.4.2	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu-IE5	Broadband locking shift		O	4.5.3	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu-IE25	Broadband non-locking shift		O	4.5.4	<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.5.1 Information elements in messages received by the user

Indicating support for an item in the tables in this subclause states that the implementation has the ability to process the information elements listed in the specified received messages.

Table A.8: Information elements in ALERTING received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu1-IE13	Connection identifier		M		[]Yes []No
MRu1-IE23	Narrowband bearer capability	MCu 9 NOT MCu 9	O N/A		[]Yes []No []N/A
MRu1-IE6	Narrowband high layer compatibility	MCu 9 NOT MCu 9	O N/A		[]Yes []No []N/A
MRu1-IE20	Notification indicator		M		[]Yes []No
MRu1-IE22	Progress indicator	MCu 9 NOT MCu 9	M N/A		[]Yes []No []N/A
Comments:					

Table A.9: Information elements in CALL PROCEEDING received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu2-IE13	Connection identifier		M		[]Yes []No
MRu2-IE23	Narrowband bearer capability	MCu 9 NOT MCu 9	O N/A		[]Yes []No []N/A
MRu2-IE6	Narrowband high layer compatibility	MCu 9 NOT MCu 9	O N/A		[]Yes []No []N/A
MRu2-IE20	Notification indicator		M		[]Yes []No
MRu2-IE22	Progress indicator	MCu 9 NOT MCu 9	M N/A		[]Yes []No []N/A
Comments:					

Table A.10: Information elements in CONNECT received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu3-IE11	AAL parameters		M		[]Yes []No
MRu3-IE17	Broadband low layer information		M		[]Yes []No
MRu3-IE13	Connection identifier		M		[]Yes []No
MRu3-IE19	End-to-end transit delay		M		[]Yes []No
MRu3-IE23	Narrowband bearer capability	MCu 9 NOT MCu 9	O N/A		[]Yes []No []N/A
MRu3-IE6	Narrowband high layer compatibility	MCu 9 NOT MCu 9	O N/A		[]Yes []No []N/A
MRu3-IE5	Narrowband low layer compatibility	MCu 9 NOT MCu 9	M N/A		[]Yes []No N/A
MRu3-IE20	Notification indicator		M		[]Yes []No
MRu3-IE14	OAM traffic descriptor		M		[]Yes []No
MRu3-IE23	Progress indicator	MCu 9 NOT MCu 9	M N/A		[]Yes []No []N/A
Comments:					

Table A.11: Information elements in CONNECT ACKNOWLEDGE received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu4-IE20	Notification indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.12: Information elements in INFORMATION received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu5-IE7	Broadband sending complete		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu5-IE1	Called party number		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.13: Information elements in PROGRESS received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu6-IE23	Narrowband bearer capability		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu6-IE6	Narrowband high layer compatibility		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu6-IE20	Notification indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.14: Information elements in RELEASE received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu7-IE20	Notification indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
MRu7-IE22	Progress indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.15: Information elements in RELEASE COMPLETE received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu8-IE24	Cause		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.16: Information elements in SETUP received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu9-IE11	AAL parameters		M		[]Yes []No
MRu9-IE1	Called party number		M		[]Yes []No
MRu9-IE2	Called party subaddress		M		[]Yes []No
MRu9-IE9	Calling party number		M		[]Yes []No
MRu9-IE10	Calling party subaddress		M		[]Yes []No
MRu9-IE13	Connection identifier		M		[]Yes []No
MRu9-IE19	End-to-end transit delay		M		[]Yes []No
MRu9-IE8	Broadband repeat indicator		M		[]Yes []No
MRu9-IE23	Narrowband bearer capability	MCu 9 NOT MCu 9	M N/A		[]Yes []No []N/A
MRu9-IE6	Narrowband high layer compatibility	MCu 9 NOT MCu 9	M N/A		[]Yes []No []N/A
MRu9-IE5	Narrowband low layer compatibility	MCu 9 NOT MCu 9	M N/A		[]Yes []No []N/A
MRu9-IE20	Notification indicator		M		[]Yes []No
MRu9-IE14	OAM traffic descriptor		M		[]Yes []No
MRu9-IE22	Progress indicator	MCu 9 NOT MCu 9	M N/A		[]Yes []No []N/A
MRu9-IE7	Broadband sending complete		O		[]Yes []No
MRu9-IE3	Transit network selection		O		[]Yes []No
Comments:					

Table A.17: Information elements in SETUP ACKNOWLEDGE received by the user

Item	Information element	Conditions for status	Status	Reference	Support
MRu10-IE13	Connection identifier		M		[]Yes []No
MRu10-IE20	Notification indicator		M		[]Yes []No
MRu10-IE22	Progress indicator		M		[]Yes []No
Comments:					

A.7.5.2 Information elements in messages transmitted by the user

Indicating support for an item in the tables in this subclause states that the implementation has the ability to generate, and to transmit in the specified message, the information elements listed.

Table A.18: Information elements in ALERTING transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu1-IE13	Connection identifier	first message in response to SETUP	M O	3.1.1 Note 1, 3.2.1 Note 1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MTu1-IE23	Narrowband bearer capability	MCu 9 NOT MCu 9	O N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MTu1-IE6	Narrowband high layer compatibility	MCu 9 NOT MCu 9	O N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MTu1-IE20	Notification indicator		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu1-IE22	Progress indicator	MCu 9 NOT MCu 9	O N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Comments:					

Table A.19: Information elements in CALL PROCEEDING transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu2-IE13	Connection identifier	first message in response to SETUP	M O	3.1.2 Note 1, 3.2.2 Note 1	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu2-IE23	Narrowband bearer capability	MCu 9 NOT MCu 9	O N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MTu2-IE6	Narrowband high layer compatibility	MCu 9 NOT MCu 9	O N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MTu2-IE20	Notification indicator		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu2-IE22	Progress indicator	MCu 9 NOT MCu 9	O N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Comments:					

Table A.20: Information elements in CONNECT transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu3-IE11	AAL parameters		O		[]Yes []No
MTu3-IE17	Broadband low layer information		O		[]Yes []No
MTu3-IE13	Connection identifier	first message in response to SETUP	M O	3.1.3 Note 3, 3.2.3 Note 2	[]Yes []No
MTu3-IE19	End-to-end transit delay		M	3.1.3 Note 4	[]Yes []No
MTu3-IE23	Narrowband bearer capability	MCu 9 NOT MCu 9	O N/A		[]Yes []No []N/A
MTu3-IE6	Narrowband high layer compatibility	MCu 9 NOT MCu 9	O N/A		[]Yes []No []N/A
MTu3-IE5	Narrowband low layer compatibility	MCu 9 NOT MCu 9	O N/A		[]Yes []No N/A
MTu3-IE20	Notification indicator		O		[]Yes []No
MTu3-IE14	OAM traffic descriptor		M		[]Yes []No
MTu3-IE23	Progress indicator	MCu 9 NOT MCu 9	O N/A		[]Yes []No []N/A
Comments:					

Table A.21: Information elements in CONNECT ACKNOWLEDGE transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu4-IE20	Notification indicator		O		[]Yes []No
Comments:					

Table A.22: Information elements in INFORMATION transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu5-IE7	Broadband sending complete		O		[]Yes []No
MTu5-IE1	Called party number		M		[]Yes []No
Comments:					

Table A.23: Information elements in PROGRESS transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu6-IE23	Narrowband bearer capability		O		[]Yes []No
MTu6-IE6	Narrowband high layer compatibility		O		[]Yes []No
MTu6-IE20	Notification indicator		O		[]Yes []No
Comments:					

Table A.24: Information elements in RELEASE transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu7-IE20	Notification indicator		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu7-IE22	Progress indicator		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.25: Information elements in RELEASE COMPLETE transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu8-IE24	Cause		M	3.1.6 Note 2	<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.26: Information elements in SETUP transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu9-IE11	AAL parameters		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE18	Broadband high layer information		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE8	Broadband repeat indicator		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE17	Broadband low layer information		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE1	Called party number	SCu2 NOT SCu2	O M		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE2	Called party subaddress		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE9	Calling party number		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE10	Calling party subaddress		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE13	Connection identifier	MCu1.1 NOT MCu1.1	M O	3.1.7 Note 9	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE19	End-to-end transit delay		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE8	Broadband repeat indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE23	Narrowband bearer capability	MCu 9 NOT MCu 9	M N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MTu9-IE6	Narrowband high layer compatibility	MCu 9 NOT MCu 9	O N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MTu9-IE5	Narrowband low layer compatibility	MCu 9 NOT MCu 9	O N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MTu9-IE20	Notification indicator		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE14	OAM traffic descriptor		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE22	Progress indicator	MCu 9 NOT MCu 9	O N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
MTu9-IE7	Broadband sending complete		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu9-IE3	Transit network selection		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.27: Information elements in SETUP ACKNOWLEDGE transmitted by the user

Item	Information element	Conditions for status	Status	Reference	Support
MTu10-IE13	Connection identifier		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu10-IE20	Notification indicator		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTu10-IE22	Progress indicator		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.6 Timers

Indicating support for an item in table A.28 states that the implementation has a timer that operates in accordance with the description in clause 9 and with the relevant behaviour specified in clause 5 of ITU-T Recommendation Q.2931 as modified by ETS 300 443-1 [1].

The table indicates the permitted range of values for each timer. The supplier shall state the values supported by their implementation.

Table A.28: Timers in the user role

Item	Timer: Does the implementation support...	Conditions for status	Status	Reference	Support	Values Allowed	Value Supported
TMu 1	T301		I		<input type="checkbox"/> Yes <input type="checkbox"/> No	Min 3 min	
TMu 2	T302	SCu 2.2 NOT SCu 2.2	M N/A	Table 7-4	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10 - 15 s	
TMu 3	T303	MCu 1 NOT MCu 1	M N/A	Table 7-3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4 s	
TMu 4	T304	SCu 2 NOT SCu 2	O N/A	Table 7-4	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	30 s	
TMu 5	T308		M	Table 7-3	<input type="checkbox"/> Yes <input type="checkbox"/> No	30 s	
TMu 6	T309		M	Table 7-3	<input type="checkbox"/> Yes <input type="checkbox"/> No	10 s	
TMu 7	T310	MCu 1 NOT MCu 1	M N/A	Table 7-3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	30 - 120 s	
TMu 8	T313	MCu 2 NOT MCu 2	M N/A	Table 7-3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4 s	
TMu 9	T316	MCu 4 NOT MCu 4	M N/A	Table 7-3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	120 s	
TMu 10	T317	MCu 4 NOT MCu 4	M N/A	Table 7-3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	< T316	
TMu 11	T322		M	Table 7-3	<input type="checkbox"/> Yes <input type="checkbox"/> No	4 s	
Comments:							

A.7.7 Structure of information elements received

A.7.7.1 Broadband locking shift

Table A.29: Broadband locking shift information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 25.1	New codeset identification				
	Codeset 4		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 5		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 6		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 7		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.2 Broadband non-locking shift

Table A.30: Broadband non-locking shift information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 26.1	Temporary codeset identification				
	Codeset 4		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 5		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 6		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 7		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.3 ATM adaptation layer parameters

Table A.31: ATM adaptation layer parameters information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 11.1	AAL type		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AAL for voice		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AAL type 1		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AAL type 2		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AAL type 3/4		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AAL type 5		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User defined AAL		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 11.2	Subtype		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Null		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Voice-band signal transport based on 64 Kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Circuit transport		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	High-quality audio signal transport		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Video signal transport		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 11.3	CBR rate		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	64 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	1544 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	6312 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	32064 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	44736 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	97728 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	2048 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	8448 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	34368 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	139264 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	n x 64 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	n x 8 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 11.4	Source clock frequency recovery method		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Null		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Synchronous residual time stamp method		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Adaptive clock method		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 11.5	Error correction method		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Null		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	FEC for loss sensitive signal transport		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	FEC for delay sensitive signal transport		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 11.6	Structured data transfer block size		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 11.7	Partially filled cells method		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 11.8	Forward maximum CPCS-SDU size		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 11.9	Backward maximum CPCS-SDU size		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 11.10	MID range		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 11.11	SSCS type		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Null		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Data SSCS based on SSCOP (assured)		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Data SSCS based on SSCOP (non-assured)		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Frame relay SSCS		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 11.12	User defined AAL information		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.4 ATM traffic descriptor

Table A.32: ATM traffic descriptor information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 12.1	Forward peak cell rate (CLP =0)		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Backward peak cell rate (CLP =0)		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Forward peak cell rate (CLP =0 +1)		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Backward peak cell rate (CLP =0 + 1)		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.5 Broadband bearer capability

Table A.33: Broadband bearer capability information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 16.1	Bearer class		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	BCOB-A		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	BCOB-C		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	BCOB-X		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 16.2	Traffic type		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	No indication		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Constant bit rate		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Variable bit rate		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 16.3	Timing requirements		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	No indication		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	End-to-end timing required		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	End-to-end timing not required		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 16.4	Susceptibility to clipping		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Not susceptible to clipping		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Susceptible to clipping		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 16.5	User plane connection configuration		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Point-to-point		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Point-to-multipoint		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.6 Broadband high layer information

Table A.34: Broadband high layer information information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 18.1	High layer information type		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ISO/IEC		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specific		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Vendor specific application identifier		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Reference to ITU-T SG 1 B-ISDN teleservice recommendation		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.7 Broadband low layer information

Table A.35: Broadband low layer information information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 17.1	User information layer 2 protocol		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Basic mode ISO 1745		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation Q.921 (I.441)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.25 link layer		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.25 multilink		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Extended LAPB; for half duplex operation		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	HDLC ARM		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	HDLC NRM		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	HDLC ABM		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	LAN logical link control (ISO/IEC 8802/2)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.75 SLP		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation Q.922		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
ISO/IEC 7776 DTE-DTE operation		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
IERu 17.2	Mode of operation (octet 6a)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Normal mode		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Extended mode		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 17.3	Q.933 use		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 17.4	User specified layer 2 protocol information		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 17.5	Window size		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 17.6	User information layer 3 protocol		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.25, packet layer		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ISO/IEC 8208		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	X.223 or ISO/IEC 8878		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	X.233 or ISO/IEC 8473		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation T.70		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 17.7	ISO/IEC TR 9577		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Mode of operation (octet 7a)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 17.8	Normal packet sequence numbering		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Extended packet sequence numbering		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 17.9	User specified layer 3 protocol information		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 17.10	Default packet size		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	16 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	32 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	64 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	128 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	256 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	512 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	1024 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	2048 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	4096 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 17.11	Packet window size		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 17.11	Additional layer 3 protocol information for ISO/IEC TR 9577		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.8 Call state

Table A.36: Call state information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 21.1	Call state value Null Call initiated Overlap sending Outgoing call proceeding Call delivered Call present Call received Connect request Incoming call proceeding Active Release request Release indication Overlap receiving Restart null Restart request Restart		M		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.9 Called party number

Table A.37: Called party number information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 1.1	Type of number Unknown International National Network specific Subscriber Abbreviated		M O O O O O O		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 1.2	Addressing/numbering plan identification Unknown ISDN numbering plan NSAP addressing Private numbering plan		M O O O O		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.10 Called party subaddress

Table A.38: Called party subaddress information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 2.1	Type of subaddress		M		
	NSAP		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified ATM endsystem address		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 2.2	Odd/even indicator		M		
	Even number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Odd number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.11 Calling party number

Table A.39: Calling party number information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 9.1	Type of number		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	International		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	National		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Network specific		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Subscriber		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 9.2	Abbreviated		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Addressing/numbering plan identification		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ISDN numbering plan		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 9.3	NSAP addressing		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Private numbering plan		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Presentation indicator		O		
IERu 9.4	Presentation allowed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Presentation restricted		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Number not available		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Screening indicator		O		
	User provided, not screened		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User provided, verified and passed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User provided, verified and failed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Network provided		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.12 Calling party subaddress

Table A.40: Calling party subaddress information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 10.1	Type of subaddress		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	NSAP		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified ATM endsystem address User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 10.2	Odd/even indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Even number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Odd number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.13 Connection identifier

Table A.41: Connection identifier information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 13.1	VP-associated signalling		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	VP-associated signalling		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Explicit indication of VPCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 13.2	Preferred/exclusive		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Exclusive VPCI, exclusive VCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Exclusive VPCI, any VCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.14 End-to-end transit delay

Table A.42: End-to-end transit delay information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 19.1	Maximum end-to-end transit delay		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.15 Quality of service parameter

Table A.43: Quality of service parameter information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 15.1	QOS class forward		M		
	Unspecified QOS class		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Parameterized QOS		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 15.2	QOS class backward		M		
	Unspecified QOS class		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Parameterized QOS		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.16 Restart indicator

Table A.44: Restart indicator information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 4.1	Class		M		
	Indicated virtual channel		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	All VCs in indicated VPC controlled by the signalling VC		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	All VCs controlled by the layer 3 entity		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.17 Transit network selection

Table A.45: Transit network selection information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 3.1	Type of network identification		M		
	User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	National network identification		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	International network identification		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERu 3.2	Network identification plan		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Carrier identification code		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Data network identification code		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.7.18 OAM traffic descriptor

Table A.46: OAM traffic descriptor information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERu 14.1	Shaping indicator No user requirement Aggregate shaping not allowed		M O O		[]Yes []No []Yes []No
IERu 14.2	Compliance indicator Optional end-to-end OAM F5 flow Mandatory end-to-end OAM F5 flow		M O O		[]Yes []No []Yes []No
IERu 14.3	User-network fault management indicator No user-originated indications Use of user-originated indications		M O O		[]Yes []No []Yes []No
IERu 14.4	Forward end-to-end OAM F5 flow indicator 0 % 0.1 % 1 %		M O O O		[]Yes []No []Yes []No []Yes []No
IERu 14.5	Backward end-to-end OAM F5 flow indicator 0 % 0.1 % 1 %		M O O O		[]Yes []No []Yes []No []Yes []No
Comments:					

A.7.8 Structure of information elements transmitted

A.7.8.1 Broadband locking shift

Table A.47: Broadband locking shift information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 25.1	New codeset identification Codeset 4 Codeset 5 Codeset 6 Codeset 7		M M M M		[]Yes []No []Yes []No []Yes []No []Yes []No
Comments:					

A.7.8.2 Broadband non-locking shift

Table A.48: Broadband non-locking shift information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 26.1	Temporary codeset identification Codeset 4 Codeset 5 Codeset 6 Codeset 7		M M M M		[]Yes []No []Yes []No []Yes []No []Yes []No
Comments:					

A.7.8.3 ATM adaptation layer parameters

Table A.49: ATM adaptation layer parameters information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 11.1	AAL type AAL for voice AAL type 1 AAL type 2 AAL type 3/4 AAL type 5 User defined AAL		M O O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No
IETu 11.2	Subtype Null Voice-band signal transport based on 64 Kbit/s Circuit transport High-quality audio signal transport Video signal transport		O O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No []Yes []No
IETu 11.3	CBR rate 64 kbit/s 1544 kbit/s 6312 kbit/s 32064 kbit/s 44736 kbit/s 97728 kbit/s 2048 kbit/s 8448 kbit/s 34368 kbit/s 139264 kbit/s n x 64 kbit/s n x 8 kbit/s		O O O O O O O O O O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No
IETu 11.4	Source clock frequency recovery method Null Synchronous residual time stamp method Adaptive clock method		O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No
IETu 11.5	Error correction method Null FEC for loss sensitive signal transport FEC for delay sensitive signal transport		O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No
IETu 11.6	Structured data transfer block size		O		[]Yes []No
IETu 11.7	Partially filled cells method		O		[]Yes []No
IETu 11.8	Forward maximum CPCS-SDU size		O		[]Yes []No
IETu 11.9	Backward maximum CPCS-SDU size		O		[]Yes []No
IETu 11.10	MID range		O		[]Yes []No
IETu 11.11	SSCS type Null Data SSCS based on SSCOP (assured) Data SSCS based on SSCOP (non-assured) Frame relay SSCS		O O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No []Yes []No
IETu 11.12	User defined AAL information		O		[]Yes []No
Comments:					

A.7.8.4 ATM traffic descriptor

Table A.50: ATM traffic descriptor information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 12.1	Forward peak cell rate (CLP =0) Backward peak cell rate (CLP =0) Forward peak cell rate (CLP =0 +1) Backward peak cell rate (CLP =0 + 1)		O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No
Comments:					

A.7.8.5 Broadband bearer capability

Table A.51: Broadband bearer capability information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 16.1	Bearer class BCOB-A BCOB-C BCOB-X		M O O O		[]Yes []No []Yes []No []Yes []No
IETu 16.2	Traffic type No indication Constant bit rate Variable bit rate		O O O O		[]Yes []No []Yes []No []Yes []No
IETu 16.3	Timing requirements No indication End-to-end timing required End-to-end timing not required		O O O O		[]Yes []No []Yes []No []Yes []No
IETu 16.4	Susceptibility to clipping Not susceptible to clipping Susceptible to clipping		M O O		[]Yes []No []Yes []No
IETu 16.5	User plane connection configuration Point-to-point Point-to-multipoint		M O O		[]Yes []No []Yes []No
Comments:					

A.7.8.6 Broadband high layer information

Table A.52: Broadband high layer information information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 18.1	High layer information type ISO/IEC User specific Vendor specific application identifier Reference to ITU-T SG 1 B-ISDN teleservice recommendation		M O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No
Comments:					

A.7.8.8 Call state

Table A.54: Call state information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 21.1	Call state value Null Call initiated Overlap sending Outgoing call proceeding Call delivered Call present Call received Connect request Incoming call proceeding Active Release request Release indication Overlap receiving Restart null Restart request Restart		M		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.8.9 Called party number

Table A.55: Called party number information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 1.1	Type of number Unknown International National Network specific Subscriber Abbreviated		M O O O O O O		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
IETu 1.2	Addressing/numbering plan identification Unknown ISDN numbering plan NSAP addressing Private numbering plan		M O O O O		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.8.10 Called party subaddress

Table A.56: Called party subaddress information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 2.1	Type of subaddress		M		
	NSAP		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified ATM endsystem address		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETu 2.2	Odd/even indicator		M		
	Even number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Odd number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.8.11 Calling party number

Table A.57: Calling party number information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 9.1	Type of number		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	International		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	National		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Network specific		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Subscriber		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETu 9.2	Abbreviated		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Addressing/numbering plan identification		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ISDN numbering plan		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETu 9.3	NSAP addressing		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Private numbering plan		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Presentation indicator		O		
IETu 9.4	Presentation allowed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Presentation restricted		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Number not available		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Screening indicator		O		
	User provided, not screened		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User provided, verified and passed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User provided, verified and failed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Network provided		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.8.12 Calling party subaddress

Table A.58: Calling party subaddress information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 10.1	Type of subaddress		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	NSAP		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified ATM endsystem address User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETu 10.2	Odd/even indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Even number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Odd number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.8.13 Connection identifier

Table A.59: Connection identifier information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 13.1	VP-associated signalling		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	VP-associated signalling		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Explicit indication of VPCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETu 13.2	Preferred/exclusive		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Exclusive VPCI, exclusive VCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Exclusive VPCI, any VCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.8.14 End-to-end transit delay

Table A.60: End-to-end transit delay information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 19.1	Maximum end-to-end transit delay		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.8.15 Quality of service parameter

Table A.61: Quality of service parameter information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 15.1	QOS class forward		M		
	Unspecified QOS class		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Parameterized QOS		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETu 15.2	QOS class backward		M		
	Unspecified QOS class		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Parameterized QOS		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.8.16 Restart indicator

Table A.62: Restart indicator information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 4.1	Class		M		
	Indicated virtual channel		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	All VCs in indicated VPC controlled by the signalling VC		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	All VCs controlled by the layer 3 entity		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.8.17 Transit network selection

Table A.63: Transit network selection information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 3.1	Type of network identification		M		
	User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	National network identification		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	International network identification		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETu 3.2	Network identification plan		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Carrier identification code		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Data network identification code		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.7.8.18 OAM traffic descriptor

Table A.64: OAM traffic descriptor information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETu 14.1	Shaping indicator No user requirement Aggregate shaping not allowed		M O O		[]Yes []No []Yes []No
IETu 14.2	Compliance indicator Optional end-to-end OAM F5 flow Mandatory end-to-end OAM F5 flow		M O O		[]Yes []No []Yes []No
IETu 14.3	User-network fault management indicator No user-originated indications Use of user-originated indications		M O O		[]Yes []No []Yes []No
IETu 14.4	Forward end-to-end OAM F5 flow indicator 0 % 0.1 % 1 %		M O O O		[]Yes []No []Yes []No []Yes []No
IETu 14.5	Backward end-to-end OAM F5 flow indicator 0 % 0.1 % 1 %		M O O O		[]Yes []No []Yes []No []Yes []No
Comments:					

A.8 Network

The tables provided in this clause need only to be completed for network implementations:

Prerequisite: R 2

A.8.1 Major capabilities

Each question in table A.65 refers to a major function of the protocol. Answering "Yes" to a particular question states that the implementation supports all the mandatory procedures for that function defined in the referenced clauses and subclauses of ITU-T Recommendation Q.2931 as modified by ETS 300 443-1 [1]. Answering "No" to a particular question states that the implementation does not support that function of the protocol.

Table A.65: Major capabilities of the network role

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
Call establishment at the originating interface					
MCn 1	call establishment at the originating interface (outgoing calls from the user's point of view)		M	5.1	[]Yes []No
MCn 1.1	support associated signalling on the originating side	MCn 1 NOT MCn 1	O N/A	5.1.2	[]Yes []No []N/A
Call establishment at the destination interface					
MCn 2	call establishment at the destination interface (incoming calls from the user's point of view)		M	5.2	[]Yes []No
MCn 2.1	support associated signalling on the destination side	MCn 2 NOT MCn 2	O N/A	5.2.3	[]Yes []No []N/A
Others					
MCn 3	initiation of call clearing		M	5.4	[]Yes []No
MCn 4	restart procedure		M	5.5	[]Yes []No
MCn 5	handling of error conditions		M	5.6	[]Yes []No
MCn 5.1	invoke the status enquiry procedure on receipt of an AAL-ESTABLISH.indication in the call establishment phase		O	5.6.9 b)	[]Yes []No
MCn 6	error procedures with explicit action indication		M	5.7	[]Yes []No
MCn 7	handling of messages with insufficient information		M	5.8	[]Yes []No
MCn 8	notification procedures		M	5.9	[]Yes []No
MCn 9	additional procedures for the provision of 64 kbit/s circuit-mode services		O	6	[]Yes []No
MCn 11	transit network selection procedures		O	Annex D.2	[]Yes []No
MCn 13	handling of the OAM traffic descriptor		O	Annex I	[]Yes []No
Comments:					

A.8.3 Subsidiary capabilities

Indicating support for an item in table A.66 states that the implementation supports special cases or options within a major capability.

Table A.66: Subsidiary capabilities of the network role

Item	Subsidiary capability: Does the implementation support...	Conditions for status	Status	Reference	Support
Call establishment at the originating interface					
SCn 1	sending of the called party address information in the Called party number information element	MCn 1 NOT MCn 1	M N/A	5.1.1	[]Yes []No []N/A
SCn 2	overlap sending	MCn 9 NOT MCn 9	M N/A	6.5.2	[]Yes []No []N/A
Call establishment at the destination interface					
SCn 3	compatibility checking	MCn 2 NOT MCn 2	M N/A	5.2.2.2	[]Yes []No []N/A
SCn 4	overlap receiving	MCn 9 NOT MCn 9	M N/A	6.5.3	[]Yes []No []N/A
SCn 5	sending of Broadband sending complete information element	SCn 4 NOT SCn4	O M	6.5.3	[]Yes []No
Comments:					

A.8.4 PDUs

The tables in this subclause ask questions related to the supported PDUs in the network role. In the DSS2 protocol, PDUs are known by the term "messages".

A.8.4.1 Messages received by the network

Indicating support for an item in table A.67 states that the implementation has the ability to recognize the message listed in that item. Support for the receipt of a particular type of PDU means support for recognising and acting upon all valid instances of that PDU type, including all valid PDU parameters, to the extent required by ETS 300 443-1 [1].

Table A.67: Messages received by the network

Item	Message: Does the implementation support the receipt of...	Conditions for status	Status	Reference	Support
MRn 1	ALERTING		M	3.1.1, 3.2.1, 5.2.5	[]Yes []No
MRn 2	CALL PROCEEDING		M	3.1.2, 3.2.2, 5.2.5	[]Yes []No
MRn 3	CONNECT		M	3.1.3, 3.2.3, 5.2.7	[]Yes []No
MRn 4	CONNECT ACKNOWLEDGE		M	3.1.4, 5.1.7	[]Yes []No
MRn 5	INFORMATION	SCn 4 NOT SCn 4	M N/A	3.2.4, 6.5.2	[]Yes []No
MRn 6	NOTIFY		M	3.1.10, 5.9	[]Yes []No
MRn 7	PROGRESS	MCn 9 NOT MCn 9	M N/A	3.2.5, 6.6.1, 6.6.2	[]Yes []No
MRn 8	RELEASE		M	3.1.5, 3.2.6, 5.4.3, 5.4.5	[]Yes []No
MRn 9	RELEASE COMPLETE		M	3.1.6, 5.2.2.2, 5.2.3, 5.2.4, 5.2.5, 5.4.2, 5.4.4, 5.6.3.2, 5.6.4, 5.6.7, 5.6.8.1, 5.7.2	[]Yes []No

(continued)

Table A.67 (concluded): Messages received by the network

Item	Message: Does the implementation support the receipt of...	Conditions for status	Status	Reference	Support
MRn 10	RESTART		M	3.3.1, 5.5.2	[]Yes []No
MRn 11	RESTART ACKNOWLEDGE		M	3.3.2, 5.5.1	[]Yes []No
MRn 12	SETUP		M	3.1.7, 3.2.7, 5.1	[]Yes []No
MRn 13	SETUP ACKNOWLEDGE	SCn 2 NOT SCn 2	M N/A	3.2.8, 6.5.3	[]Yes []No []N/A
MRn 14	STATUS		M	3.1.8, 5.6.3.2, 5.6.12	[]Yes []No
MRn 15	STATUS ENQUIRY		M	3.1.9, 5.6.3.2, 5.6.11	[]Yes []No
Comments:					

A.8.4.2 Messages transmitted by the network

Indicating support for an item in table A.68 states that the implementation has the ability to transmit the message listed in that item.

Table A.68: Messages transmitted by the network

Item	Message: Does the implementation support the receipt of...	Conditions for status	Status	Reference	Support
MTn 1	ALERTING		M	3.1.1, 3.2.1, 5.1.6	[]Yes []No
MTn 2	CALL PROCEEDING		M	3.1.2, 3.2.2, 5.1.5	[]Yes []No
MTn 3	CONNECT		M	3.1.3, 3.2.3, 5.1.7	[]Yes []No
MTn 4	CONNECT ACKNOWLEDGE		M	3.1.4, 5.2.7	[]Yes []No
MTn 5	INFORMATION	SCn 2 NOT SCn 2	M N/A	3.2.4, 6.5.3	[]Yes []No
MTn 6	NOTIFY		M	3.1.10, 5.9	[]Yes []No
MTn 7	PROGRESS	MCn 9 NOT MCn 9	M N/A	3.2.5, 6.6.1, 6.6.2	[]Yes []No
MTn 8	RELEASE		M	3.1.5, 3.2.6, 5.4.4	[]Yes []No
MTn 9	RELEASE COMPLETE		M	3.1.6, 5.1.2, 5.1.3, 5.4.2, 5.4.3, 5.6.3, 5.6.7, 5.6.8.1, 5.6.12, 5.7.2	[]Yes []No
MTn 10	RESTART		M	3.3.1, 5.5.1	[]Yes []No
MTn 11	RESTART ACKNOWLEDGE		M	3.3.2, 5.5.2	[]Yes []No
MRn 12	SETUP		M	3.1.7, 3.2.7, 5.2	[]Yes []No
MTn 13	SETUP ACKNOWLEDGE	SCn 2 NOT SCn 2	M N/A	3.2.8, 6.5.2	[]Yes []No []N/A
MTn 14	STATUS		M	3.1.8, 5.5.2.1, 5.6.3.2, 5.6.4, 5.6.7, 5.6.8, 5.6.11, 5.7	[]Yes []No
MTn 15	STATUS ENQUIRY		M	3.1.9, 5.6.3.2, 5.6.11	[]Yes []No
Comments:					

A.8.5 PDU parameters

The tables in this subclause ask questions related to the support of PDU parameters in messages received and transmitted by the IUT in the network role. In the DSS2, protocol PDU parameters are known by the term "information elements".

Tables A.69 and A.70 deal with the four information elements that appear in all messages that are either received or transmitted (respectively) by the IUT in the network role (Protocol discriminator, Call reference, Message type and Message length) and two information elements which may appear in a message for which it is mandatory for the receiver to interpret (shift information elements).

Table A.69: Information elements in all messages received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn-IE1	Protocol discriminator		M	3.1, 3.2, 4.2	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRn-IE2	Call reference		M	3.1, 3.2, 4.3	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRn-IE3	Message type		M	3.1, 3.2, 4.4.1	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRn-IE4	Message length		M	3.1, 3.2, 4.4.2	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRn-IE5	Broadband locking shift		M	4.5.3	<input type="checkbox"/> Yes <input type="checkbox"/> No
MRn-IE25	Broadband non-locking shift		M	4.5.4	<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.70: Information elements in all messages transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn-IE1	Protocol discriminator		M	3.1, 3.2, 4.2	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTn-IE2	Call reference		M	3.1, 3.2, 4.3	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTn-IE3	Message type		M	3.1, 3.2, 4.4.1	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTn-IE4	Message length		M	3.1, 3.2, 4.4.2	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTn-IE5	Broadband locking shift		O	4.5.3	<input type="checkbox"/> Yes <input type="checkbox"/> No
MTn-IE25	Broadband non-locking shift		O	4.5.4	<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.5.1 Information elements in messages received by the network

Indicating support for an item in the tables in this subclause states that the implementation has the ability to process the information elements listed in the specified received messages.

Table A.71: Information elements in ALERTING received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn1-IE13	Connection identifier		M		[]Yes []No
MRn 1-IE23	Narrowband bearer capability	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MRn1-IE6	Narrowband high layer compatibility	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MRn1-IE20	Notification indicator		M		[]Yes []No
MRn1-IE22	Progress indicator	MCn 9 NOT MCn 9	M N/A		[]Yes []No []N/A
Comments:					

Table A.72: Information elements in CALL PROCEEDING received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn2-IE13	Connection identifier		M		[]Yes []No
MRn2-IE23	Narrowband bearer capability	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MRn2-IE6	Narrowband high layer compatibility	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MRn2-IE20	Notification indicator		M		[]Yes []No
MRn2-IE22	Progress indicator	MCn 9 NOT MCn 9	M N/A		[]Yes []No []N/A
Comments:					

Table A.73: Information elements in CONNECT received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn3-IE11	AAL parameters		M		[]Yes []No
MRn3-IE17	Broadband low layer information		M		[]Yes []No
MRn3-IE13	Connection identifier		M		[]Yes []No
MRn3-IE19	End-to-end transit delay		M		[]Yes []No
MRn3-IE23	Narrowband bearer capability	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MRn3-IE6	Narrowband high layer compatibility	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MRn3-IE5	Narrowband low layer compatibility	MCn 9 NOT MCn 9	M N/A		[]Yes []No N/A
MRn3-IE20	Notification indicator		M		[]Yes []No
MRn3-IE14	OAM tffaic descriptor		M		[]Yes []No
MRn3-IE23	Progress indicator	MCn 9 NOT MCn 9	M N/A		[]Yes []No []N/A
Comments:					

Table A.74: Information elements in CONNECT ACKNOWLEDGE received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn4-IE20	Notification indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.75: Information elements in INFORMATION received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn5-IE7	Broadband sending complete		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
MRn5-IE1	Called party number		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.76: Information elements in PROGRESS received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn6-IE23	Narrowband bearer capability		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MRn6-IE6	Narrowband high layer compatibility		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MRn6-IE20	Notification indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.77: Information elements in RELEASE received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn7-IE20	Notification indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
MRn7-IE22	Progress indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.78: Information elements in RELEASE COMPLETE received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn8-IE24	Cause		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

Table A.79: Information elements in SETUP received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn9-IE11	AAL parameters		M		[]Yes []No
MRn9-IE1	Called party number		M		[]Yes []No
MRn9-IE2	Called party subaddress		M		[]Yes []No
MRn9-IE9	Calling party number		M		[]Yes []No
MRn9-IE10	Calling party subaddress		M		[]Yes []No
MRn9-IE13	Connection identifier		M		[]Yes []No
MRn9-IE19	End-to-end transit delay		M		[]Yes []No
MRn9-IE8	Broadband repeat indicator		IM		[]Yes []No
MRn9-IE23	Narrowband bearer capability	MCn 9 NOT MCn 9	IM N/A		[]Yes []No []N/A
MRn9-IE6	Narrowband high layer compatibility	MCn 9 NOT MCn 9	M N/A		[]Yes []No []N/A
MRn9-IE5	Narrowband low layer compatibility	MCn 9 NOT MCn 9	M N/A		[]Yes []No []N/A
MRn9-IE20	Notification indicator		M		[]Yes []No
MRn9-IE14	OAM traffic descriptor		M		[]Yes []No
MRn9-IE22	Progress indicator	MCn 9 NOT MCn 9	M N/A		[]Yes []No []N/A
MRn9-IE7	Broadband sending complete		O		[]Yes []No
MRn9-IE3	Transit network selection		O		[]Yes []No
Comments:					

Table A.80: Information elements in SETUP ACKNOWLEDGE received by the network

Item	Information element	Conditions for status	Status	Reference	Support
MRn10-IE13	Connection identifier		M		[]Yes []No
MRn10-IE20	Notification indicator		M		[]Yes []No
MRn10-IE22	Progress indicator		M		[]Yes []No
Comments:					

A.8.5.2 Information elements in messages transmitted by the network

Indicating support for an item in the tables in this subclause states that the implementation has the ability to generate, and to transmit in the specified message, the information elements listed.

Table A.81: Information elements in ALERTING transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn1-IE13	Connection identifier	first message in response to SETUP ELSE	M O	3.1.1 Note 1, 3.2.1 Note 1	[]Yes []No
MTn1-IE23	Narrowband bearer capability	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MTn1-IE6	Narrowband high layer compatibility	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MTn1-IE20	Notification indicator		O		[]Yes []No
MTn1-IE22	Progress indicator	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
Comments:					

Table A.82: Information elements in CALL PROCEEDING transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn2-IE13	Connection identifier	first message in response to SETUP ELSE	M O	3.1.2 Note 1, 3.2.2 Note 1	[]Yes []No
MTn2-IE23	Narrowband bearer capability	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MTn2-IE6	Narrowband high layer compatibility	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MTn2-IE20	Notification indicator		O		[]Yes []No
MTn2-IE22	Progress indicator	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
Comments:					

Table A.83: Information elements in CONNECT transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn3-IE11	AAL parameters		M	3.1.3 Note 1, 3.2.3 Note 1	[]Yes []No
MTn3-IE17	Broadband low layer information		O		[]Yes []No
MTn3-IE13	Connection identifier	first message in respose to SETUP ELSE	M O	3.1.3 Note 3, 3.2.3 Note 2	[]Yes []No
MTn3-IE19	End-to-end transit delay		M	3.1.3 Note 4	[]Yes []No
MTn3-IE23	Narrowband bearer capability	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MTn3-IE6	Narrowband high layer compatibility	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MTn3-IE5	Narrowband low layer compatibility	MCn 9 NOT MCn 9	M N/A	3.2.3 Note 6	[]Yes []No N/A
MTn3-IE20	Notification indicator		O		[]Yes []No
MTn3-IE14	OAM traffic descriptor		M		[]Yes []No
MTn3-IE23	Progress indicator	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
Comments:					

Table A.84: Information elements in CONNECT ACKNOWLEDGE transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn4-IE20	Notification indicator		O		[]Yes []No
Comments:					

Table A.85: Information elements in INFORMATION transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn5-IE7	Broadband sending complete		O		[]Yes []No
MTn5-IE1	Called party number		M		[]Yes []No
Comments:					

Table A.86: Information elements in PROGRESS transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn6-IE23	Narrowband bearer capability		O		[]Yes []No
MTn6-IE6	Narrowband high layer compatibility		O		[]Yes []No
MTn6-IE20	Notification indicator		O		[]Yes []No
Comments:					

Table A.87: Information elements in RELEASE transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn7-IE20	Notification indicator		O		[]Yes []No
MTn7-IE22	Progress indicator		O		[]Yes []No
Comments:					

Table A.88: Information elements in RELEASE COMPLETE transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn8-IE24	Cause		M	3.1.6 Note 2	[]Yes []No
Comments:					

Table A.89: Information elements in SETUP transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn9-IE11	AAL parameters		M	3.1.7 Note 1	[]Yes []No
MTn9-IE18	Broadband high layer information		M	3.1.7 Note 2	[]Yes []No
MTn9-IE8	Broadband repeat indicator		M		[]Yes []No
MTn9-IE17	Broadband low layer information		M	3.1.7 Note 4	[]Yes []No
MTn9-IE1	Called party number	SCn2 NOT SCn2	O M		[]Yes []No
MTn9-IE2	Called party subaddress		M	3.1.7 Note 6	[]Yes []No
MTn9-IE9	Calling party number		O		[]Yes []No
MTn9-IE10	Calling party subaddress		M	3.1.7 Note 8	[]Yes []No
MTn9-IE13	Connection identifier	MCn2.1 NOT MCn2.1	M O	3.1.7 Note 9	[]Yes []No
MTn9-IE19	End-to-end transit delay		M	3.1.7 Note 10	[]Yes []No
MTn9-IE8	Broadband repeat indicator		IM		[]Yes []No
MTn9-IE23	Narrowband bearer capability	MCn 9 NOT MCn 9	IM N/A		[]Yes []No []N/A
MTn9-IE6	Narrowband high layer compatibility	MCn 9 NOT MCn 9	M N/A	3.2.7 Note 10	[]Yes []No []N/A
MTn9-IE5	Narrowband low layer compatibility	MCn 9 NOT MCn 9	M N/A	3.2.7 Note 12	[]Yes []No []N/A
MTn9-IE20	Notification indicator		O		[]Yes []No
MTn9-IE14	OAM traffic descriptor		O		[]Yes []No
MTn9-IE22	Progress indicator	MCn 9 NOT MCn 9	O N/A		[]Yes []No []N/A
MTn9-IE7	Broadband sending complete		M		[]Yes []No
MTn9-IE3	Transit network selection		O		[]Yes []No
Comments:					

Table A.90: Information elements in SETUP ACKNOWLEDGE transmitted by the network

Item	Information element	Conditions for status	Status	Reference	Support
MTn10-IE13	Connection identifier		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTn10-IE20	Notification indicator		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
MTn10-IE22	Progress indicator		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.6 Timers

Indicating support for an item in table A.91 states that the implementation has a timer that operates in accordance with the description in clause 9 and with the relevant behaviour specified in clause 5 of ITU-T Recommendation Q.2931 as modified by ETS 300 443-1 [1].

The table indicates the permitted range of values for each timer. The supplier shall state the values supported by their implementation.

Table A.91: Timers in the network role

Item	Timer: Does the implementation support...	Conditions for status	Status	Reference	Support	Values Allowed	Value Supported
TMn 1	T301		I	Table 7-1	<input type="checkbox"/> Yes <input type="checkbox"/> No	Min 3 min	
TMn 2	T302	SCn 4 NOT SCn 4	M N/A	Table 7-2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10 - 15 s	
TMn 3	T303		M	Table 7-1 & 7-2	<input type="checkbox"/> Yes <input type="checkbox"/> No	4 s	
TMn 4	T304	SCn 2 NOT SCn 2	M N/A	Table 7-2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	20 s	
TMn 12	T306	MCn 9 NOT MCn 9	M N/A	Table 7-2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	30 s	
TMn 5	T308		M	Table 7-1	<input type="checkbox"/> Yes <input type="checkbox"/> No	30 s	
TMn 6	T309		M	Table 7-1	<input type="checkbox"/> Yes <input type="checkbox"/> No	10 s	
TMn 7	T310		M	Table 7-1	<input type="checkbox"/> Yes <input type="checkbox"/> No	30 - 120 s	
TMn 9	T316	MCn 4 NOT MCn 4	M N/A	Table 7-1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	120 s	
TMn 10	T317	MCn 4 NOT MCn 4	M N/A	Table 7-1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	< T316	
TMn 11	T322		M	Table 7-1	<input type="checkbox"/> Yes <input type="checkbox"/> No	4 s	
Comments:							

A.8.7 Structure of information elements received

A.8.7.1 Broadband locking shift

Table A.92: Broadband locking shift information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 25.1	New codeset identification				
	Codeset 4		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 5		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 6		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 7		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.2 Broadband non-locking shift

Table A.93: Broadband non-locking shift information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 26.1	Temporary codeset identification				
	Codeset 4		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 5		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 6		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Codeset 7		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.3 ATM adaptation layer parameters

Table A.94: ATM adaptation layer parameters information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 11.1	AAL type		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AAL for voice		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AAL type 1		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AAL type 2		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AAL type 3/4		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	AAL type 5		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 11.2	User defined AAL		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Subtype		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Null		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Voice-band signal transport based on 64 Kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Circuit transport		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 11.3	High-quality audio signal transport		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Video signal transport		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	CBR rate		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	64 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	1544 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	6312 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	32064 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	44736 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	97728 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	2048 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	8448 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	34368 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	139264 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	n x 64 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
n x 8 kbit/s		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
IERn 11.4	Source clock frequency recovery method		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Null		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Synchronous residual time stamp method		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 11.5	Adaptive clock method		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Error correction method		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Null		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 11.6	FEC for loss sensitive signal transport		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	FEC for delay sensitive signal transport		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 11.7	Structured data transfer block size		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 11.8	Partially filled cells method		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 11.9	Forward maximum CPCS-SDU size		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 11.10	Backward maximum CPCS-SDU size		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 11.11	MID range		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 11.12	SSCS type		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Null		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Data SSCS based on SSCOP (assured)		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Data SSCS based on SSCOP (non-assured)		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 11.12	Frame relay SSCS		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User defined AAL information		<input type="checkbox"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.4 ATM traffic descriptor

Table A.95: ATM traffic descriptor information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 12.1	Forward peak cell rate (CLP =0)		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Backward peak cell rate (CLP =0)		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Forward peak cell rate (CLP =0 +1)		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Backward peak cell rate (CLP =0 + 1)		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.5 Broadband bearer capability

Table A.96: Broadband bearer capability information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 16.1	Bearer class		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	BCOB-A		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	BCOB-C		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	BCOB-X		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 16.2	Traffic type		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	No indication		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Constant bit rate		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Variable bit rate		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 16.3	Timing requirements		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	No indication		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	End-to-end timing required		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	End-to-end timing not required		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 16.4	Susceptibility to clipping		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Not susceptible to clipping		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Susceptible to clipping		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 16.5	User plane connection configuration		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Point-to-point		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Point-to-multipoint		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.6 Broadband high layer information

Table A.97: Broadband high layer information information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 18.1	High layer information type		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ISO/IEC		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specific		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Vendor specific application identifier		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Reference to ITU-T SG 1 B-ISDN teleservice recommendation		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.7 Broadband low layer information

Table A.98: Broadband low layer information information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 17.1	User information layer 2 protocol		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Basic mode ISO 1745		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation Q.921 (I.441)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.25 link layer		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.25 multilink		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Extended LAPB; for half duplex operation		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	HDLC ARM		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	HDLC NRM		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	HDLC ABM		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	LAN logical link control (ISO/IEC 8802/2)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.75 SLP		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation Q.922		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
ISO/IEC 7776 DTE-DTE operation		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
IERn 17.2	Mode of operation (octet 6a)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Normal mode		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Extended mode		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 17.3	Q:933 use		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 17.4	User specified layer 2 protocol information		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 17.5	Window size		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 17.6	User information layer 3 protocol		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.25, packet layer		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ISO/IEC 8208		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	X.223 or ISO/IEC 8878		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	X.233 or ISO/IEC 8473		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation T.70		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ISO/IEC TR 9577		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
User specified		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
IERn 17.7	Mode of operation (octet 7a)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Normal packet sequence numbering		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Extended packet sequence numbering		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 17.8	User specified layer 3 protocol information		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 17.9	Default packet size		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	16 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	32 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	64 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	128 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	256 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	512 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	1024 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	2048 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	4096 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 17.10	Packet window size		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 17.11	Additional layer 3 protocol information for ISO/IEC TR 9577		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.8 Call state

Table A.99: Call state information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn21.1	Call state value Null Call initiated Overlap sending Outgoing call proceeding Call delivered Call present Call received Connect request Incoming call proceeding Active Release request Release indication Overlap receiving Restart null Restart request Restart		M		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.9 Called party number

Table A.100: Called party number information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 1.1	Type of number Unknown International National Network specific Subscriber Abbreviated		M O O O O O O		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 1.2	Addressing/numbering plan identification Unknown ISDN numbering plan NSAP addressing Private numbering plan		M O O O O		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.10 Called party subaddress

Table A.101: Called party subaddress information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 2.1	Type of subaddress		M		
	NSAP		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified ATM endsystem address		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 2.2	Odd/even indicator		M		
	Even number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Odd number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.11 Calling party number

Table A.102: Calling party number information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 9.1	Type of number		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	International		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	National		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Network specific		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Subscriber		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 9.2	Abbreviated		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Addressing/numbering plan identification		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ISDN numbering plan		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 9.3	NSAP addressing		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Private numbering plan		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Presentation indicator		O		
IERn 9.4	Presentation allowed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Presentation restricted		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Number not available		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Screening indicator		O		
	User provided, not screened		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User provided, verified and passed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User provided, verified and failed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Network provided		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.12 Calling party subaddress

Table A.103: Calling party subaddress information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 10.1	Type of subaddress		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	NSAP		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified ATM endsystem address User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 10.2	Odd/even indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Even number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Odd number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.13 Connection identifier

Table A.104: Connection identifier information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 13.1	VP-associated signalling		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	VP-associated signalling		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Explicit indication of VPCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 13.2	Preferred/exclusive		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Exclusive VPCI, exclusive VCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Exclusive VPCI, any VCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.14 End-to-end transit delay

Table A.105: End-to-end transit delay information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 19.1	Maximum end-to-end transit delay		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.15 Quality of service parameter**Table A.106: Quality of service parameter information element contents**

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 15.1	QOS class forward		M		
	Unspecified QOS class		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Parameterized QOS		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 15.2	QOS class backward		M		
	Unspecified QOS class		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Parameterized QOS		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.16 Restart indicator**Table A.107: Restart indicator information element contents**

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 4.1	Class		M		
	Indicated virtual channel		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	All VCs in indicated VPC controlled by the signalling VC		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	All VCs controlled by the layer 3 entity		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.17 Transit network selection**Table A.108: Transit network selection information element contents**

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 3.1	Type of network identification		M		
	User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	National network identification		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	International network identification		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IERn 3.2	Network identification plan		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Carrier identification code		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Data network identification code		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.7.18 OAM traffic descriptor

Table A.109: OAM traffic descriptor information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IERn 14.1	Shaping indicator No user requirement Aggregate shaping not allowed		M O O		[]Yes []No []Yes []No
IERn 14.2	Compliance indicator Optional end-to-end OAM F5 flow Mandatory end-to-end OAM F5 flow		M O O		[]Yes []No []Yes []No
IERn 14.3	User-network fault management indicator No user-originated indications Use of user-originated indications		M O O		[]Yes []No []Yes []No
IERn 14.4	Forward end-to-end OAM F5 flow indicator 0 % 0.1 % 1 %		M O O O		[]Yes []No []Yes []No []Yes []No
IERn 14.5	Backward end-to-end OAM F5 flow indicator 0 % 0.1 % 1 %		M O O O		[]Yes []No []Yes []No []Yes []No
Comments:					

A.8.8 Structure of information elements transmitted

A.8.8.1 Broadband locking shift

Table A.110: Broadband locking shift information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 25.1	New codeset identification Codeset 4 Codeset 5 Codeset 6 Codeset 7		M M M M		[]Yes []No []Yes []No []Yes []No []Yes []No
Comments:					

A.8.8.2 Broadband non-locking shift

Table A.111: Broadband non-locking shift information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 26.1	Temporary codeset identification Codeset 4 Codeset 5 Codeset 6 Codeset 7		M M M M		[]Yes []No []Yes []No []Yes []No []Yes []No
Comments:					

A.8.8.3 ATM adaptation layer parameters

Table A.112: ATM adaptation layer parameters information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 11.1	AAL type AAL for voice AAL type 1 AAL type 2 AAL type 3/4 AAL type 5 User defined AAL		M O O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No
IETn 11.2	Subtype Null Voice-band signal transport based on 64 Kbit/s Circuit transport High-quality audio signal transport Video signal transport		O O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No []Yes []No
IETn 11.3	CBR rate 64 kbit/s 1544 kbit/s 6312 kbit/s 32064 kbit/s 44736 kbit/s 97728 kbit/s 2048 kbit/s 8448 kbit/s 34368 kbit/s 139264 kbit/s n x 64 kbit/s n x 8 kbit/s		O O O O O O O O O O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No []Yes []No
IETn 11.4	Source clock frequency recovery method Null Synchronous residual time stamp method Adaptive clock method		O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No
IETn 11.5	Error correction method Null FEC for loss sensitive signal transport FEC for delay sensitive signal transport		O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No
IETn 11.6	Structured data transfer block size		O		[]Yes []No
IETn 11.7	Partially filled cells method		O		[]Yes []No
IETn 11.8	Forward maximum CPCS-SDU size		O		[]Yes []No
IETn 11.9	Backward maximum CPCS-SDU size		O		[]Yes []No
IETn 11.10	MID range		O		[]Yes []No
IETn 11.11	SSCS type Null Data SSCS based on SSCOP (assured) Data SSCS based on SSCOP (non-assured) Frame relay SSCS		O O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No []Yes []No
IETn 11.12	User defined AAL information		O		[]Yes []No
Comments:					

A.8.8.4 ATM traffic descriptor

Table A.113: ATM traffic descriptor information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 12.1	Forward peak cell rate (CLP =0) Backward peak cell rate (CLP =0) Forward peak cell rate (CLP =0 +1) Backward peak cell rate (CLP =0 + 1)		O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No
Comments:					

A.8.8.5 Broadband bearer capability

Table A.114: Broadband bearer capability information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 16.1	Bearer class BCOB-A BCOB-C BCOB-X		M O O O		[]Yes []No []Yes []No []Yes []No
IETn 16.2	Traffic type No indication Constant bit rate Variable bit rate		O O O O		[]Yes []No []Yes []No []Yes []No
IETn 16.3	Timing requirements No indication End-to-end timing required End-to-end timing not required		O O O O		[]Yes []No []Yes []No []Yes []No
IETn 16.4	Susceptibility to clipping Not susceptible to clipping Susceptible to clipping		M O O		[]Yes []No []Yes []No
IETn 16.5	User plane connection configuration Point-to-point Point-to-multipoint		M O O		[]Yes []No []Yes []No
Comments:					

A.8.8.6 Broadband high layer information

Table A.115: Broadband high layer information information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 18.1	High layer information type ISO/IEC User specific Vendor specific application identifier Reference to ITU-T SG 1 B-ISDN teleservice recommendation		M O O O O		[]Yes []No []Yes []No []Yes []No []Yes []No
Comments:					

A.8.8.7 Broadband low layer information

Table A.116: Broadband low layer information information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 17.1	User information layer 2 protocol		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Basic mode ISO 1745		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation Q.921 (I.441)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.25 link layer		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.25 multilink		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Extended LAPB; for half duplex operation		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	HDLC ARM		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	HDLC NRM		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	HDLC ABM		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	LAN logical link control (ISO/IEC 8802/2)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.75 SLP		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation Q.922		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
ISO/IEC 7776 DTE-DTE operation		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
IETn 17.2	Mode of operation (octet 6a)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Normal mode		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Extended mode		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 17.3	Q:933 use		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 17.4	User specified layer 2 protocol information		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETu 17.5	Window size		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 17.6	User information layer 3 protocol		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation X.25, packet layer		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ISO/IEC 8208		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	X.223 or ISO/IEC 8878		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	X.233 or ISO/IEC 8473		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ITU-T Recommendation T.70		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 17.7	Mode of operation (octet 7a)		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Normal packet sequence numbering		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Extended packet sequence numbering		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 17.8	User specified layer 3 protocol information		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 17.9	Default packet size		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	16 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	32 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	64 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	128 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	256 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	512 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	1024 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	2048 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
4096 octets		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
IETn 17.10	Packet window size		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 17.11	Additional layer 3 protocol information for ISO/IEC TR 9577		<input type="radio"/>		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.8.8 Call state

Table A.117: Call state information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 21.1	Call state value Null Call initiated Overlap sending Outgoing call proceeding Call delivered Call present Call received Connect request Incoming call proceeding Active Release request Release indication Overlap receiving Restart null Restart request Restart		M		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.8.9 Called party number

Table A.118: Called party number information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 1.1	Type of number Unknown International National Network specific Subscriber Abbreviated		M O O O O O O		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 1.2	Addressing/numbering plan identification Unknown ISDN numbering plan NSAP addressing Private numbering plan		M O O O O		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.8.10 Called party subaddress

Table A.119: Called party subaddress information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 2.1	Type of subaddress		M		
	NSAP		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified ATM endsystem address		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 2.2	Odd/even indicator		M		
	Even number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Odd number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.8.11 Calling party number

Table A.120: Calling party number information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 9.1	Type of number		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	International		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	National		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Network specific		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Subscriber		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 9.2	Abbreviated		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Addressing/numbering plan identification		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	ISDN numbering plan		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 9.3	NSAP addressing		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Private numbering plan		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Presentation indicator		O		
IETn 9.4	Presentation allowed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Presentation restricted		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Number not available		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Screening indicator		O		
	User provided, not screened		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User provided, verified and passed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User provided, verified and failed		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Network provided		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.8.12 Calling party subaddress

Table A.121: Calling party subaddress information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 10.1	Type of subaddress		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	NSAP		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	User specified ATM endsystem address User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 10.2	Odd/even indicator		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Even number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Odd number of address signals		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.8.13 Connection identifier

Table A.122: Connection identifier information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 13.1	VP-associated signalling		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	VP-associated signalling		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Explicit indication of VPCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 13.2	Preferred/exclusive		M		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Exclusive VPCI, exclusive VCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Exclusive VPCI, any VCI		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.8.14 End-to-end transit delay

Table A.123: End-to-end transit delay information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 19.1	Maximum end-to-end transit delay		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.8.15 Quality of service parameter

Table A.124: Quality of service parameter information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 15.1	QOS class forward		M		
	Unspecified QOS class		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Parameterized QOS		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 15.2	QOS class backward		M		
	Unspecified QOS class		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Parameterized QOS		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.8.16 Restart indicator

Table A.125: Restart indicator information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 4.1	Class		M		
	Indicated virtual channel		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	All VCs in indicated VPC controlled by the signalling VC		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	All VCs controlled by the layer 3 entity		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.8.17 Transit network selection

Table A.126: Transit network selection information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 3.1	Type of network identification		M		
	User specified		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	National network identification		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	International network identification		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
IETn 3.2	Network identification plan		M		
	Unknown		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Carrier identification code		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
	Data network identification code		O		<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:					

A.8.8.18 OAM traffic descriptor

Table A.127: OAM traffic descriptor information element contents

Item	Does the implementation support the information element field:	Conditions for status	Status	Reference	Support
IETn 14.1	Shaping indicator No user requirement Aggregate shaping not allowed		M O O		[]Yes []No []Yes []No
IETn 14.2	Compliance indicator Optional end-to-end OAM F5 flow Mandatory end-to-end OAM F5 flow		M O O		[]Yes []No []Yes []No
IETn 14.3	User-network fault management indicator No user-originated indications Use of user-originated indications		M O O		[]Yes []No []Yes []No
IETn 14.4	Forward end-to-end OAM F5 flow indicator 0 % 0.1 % 1 %		M O O O		[]Yes []No []Yes []No []Yes []No
IETn 14.5	Backward end-to-end OAM F5 flow indicator 0 % 0.1 % 1 %		M O O O		[]Yes []No []Yes []No []Yes []No
Comments:					

History

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