

CTNG v1.1 CSTA Phase I PICS

A.1 Introduction

The Protocol Implementation Conformance Statement (PICS) is a statement of which capabilities and options of the protocol have been implemented. The PICS can have a number of uses, including use:

- by the protocol implementer, as a check-list to reduce the risk of failure to conform to the standard through oversight;
- by the supplier and acquirer (or potential acquirer) of the implementation, as a detailed indication of the capabilities of the implementation, stated relative to the common basis for understanding provided by the standard PICS proforma;
- by the user (or potential user) of the implementation, as a basis for initially checking the possibility of interworking with another implementation (note that, while interworking cannot be guaranteed, failure to interwork can often be predicted from incompatible PICS);
- by a protocol tester, as the basis for selecting appropriate tests against which to assess the claim for conformance of the implementation.

A.2 Definitions and abbreviations

CSTA Standard uses the following terms defined in ISO 9646-1:

- Protocol Implementation Conformance Statement (PICS);
- PICS Proforma.

In the "Reference" columns of the body of the PICS proforma, the letter S refers to the CSTA Services standard ECMA-179 and the letter P refers to the CSTA Protocol standard ECMA-180.

The following terms are used in the "Status" columns of the body of the PICS proforma:

m	=	mandatory ; the capability is required for conformance to the protocol.
o	=	optional ; the capability is not required for conformance to the protocol, or is required only = within constraints described in dependencies ("if" statements). If the capability is implemented, it is required to conform to the protocol specifications.
o.<n>	=	optional , but support of at least one of the group of options labelled by the same numeral <n> is required.
C.<cid>	=	conditional ; the requirement is conditional according to the condition identified by <cid>.
<item>	=	simple-predicate condition, dependent on the support marked for <item>.

A.3 Conformance

The supplier of a protocol implementation which is claimed to conform to ECMA-180 shall complete a copy of the Protocol Implementation Conformance Statement (PICS) proforma in clauses A.5 to A.14.

A.4 Instructions for completing the PICS proforma

The first part of the PICS proforma, the Implementation Identification (clause A.5), is to be completed as indicated with the information necessary to identify fully both the supplier and the implementation.

The main part of the PICS proforma (clauses A.6 to A.14) is a fixed format questionnaire divided into subclauses each containing a group of individual items. Answers to the questionnaire items are to be provided in the rightmost column, either by marking an answer to indicate a restricted choice (usually Yes or No), or by checking off all supported values (for parameters with a default).

Each item is identified by an item reference in the first column; the second column title indicates the nature of the table items which follow. The third column contains the references to material that specifies the item in the main body of ECMA-179 and ECMA-180. The remaining columns record the status of the item - whether support is mandatory, optional, or not applicable - and provide space for the answers.

Where a service is not supported, any parameters or dependent service components are not applicable. These dependencies are indicated in the status column using the item identifier as a key. It is not necessary to complete items in any subsidiary sections if a "No" response is given to the primary service component.

For supported services, a negative response to a mandatory subsidiary item indicates that the service does not conform to ECMA-180, and conformance cannot be claimed for that service.

A.5 Implementation Identification

Supplier	IPTC Technology Communication AB
Protocol Version	First Edition – Phase I
Date of Statement	2002-10-24
Contact point for queries about the PICS	
Implementation Name(s) and Version(s)	CTNG™ v1.1
Other information necessary for full identification - e.g. name(s) and version(s) for machines and/or operating systems; system name(s)	

Note A.1:

The first five items are required for all implementations; other information may be completed as appropriate in meeting the requirement for full identification.

Note A.2:

The terms Name and Version should be interpreted appropriately to correspond with a supplier's terminology (e.g. Type, Series, Model).

A.6 Switching Function Services

Alternate Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A1	Alternate Call service	S9.1 P9.1	o		Yes [X] No []
A1a	Service Result	P5.3 P9.1	A1:m	[]	Yes [X]
A1b	Held Call parameter	P9.1	A1:o1		Yes [X] No []
A1c	Active Call parameter	P9.1	A1:o1		Yes [X] No []
A1d	Security parameters	P16.8	A1:o		Yes [X] No []
A1e	Private Data in Request	P16.8	A1:o		Yes [X] No []
A1f	Private Data in Result	P16.8	A1:o		Yes [X] No []
A1g	Report of Service Errors	P14	A1:m	[]	Yes [X]

Answer Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A2	Answer Call service	S9.2 P9.2	o		Yes [X] No []
A2a	Service Result	P5.3 P9.2	A2:m	[]	Yes [X]
A2b	Call to be Answered parameter	P9.2	A2:m	[]	Yes [X]
A2c	Security parameters	P16.8	A2:o		Yes [X] No []
A2d	Private Data in Request	P16.8	A2:o		Yes [X] No []
A2e	Private Data in Result	P16.8	A2:o		Yes [X] No []
A2f	Report of Service Errors	P14	A2:m	[]	Yes [X]

Call Completion

Item	Service / Feature	Reference	Status	N/A	Supported?
A3	Call Completion Service	S9.3 P9.3	o		Yes [X] No []
A3a	Camp On feature	P9.3	A3:o1		Yes [X] No []
A3b	Call Back feature	P9.3	A3:o1		Yes [X] No []
A3c	Intrude feature	P9.3	A3:o1		Yes [X] No []
A3d	Service Result	P5.3 P9.3	A3:m	[]	Yes [X]
A3e	Call to Complete parameter	P9.3	A3:m	[]	Yes [X]
A3f	Security parameters	P16.8	A3:o		Yes [X] No []
A3g	Private Data in Request	P16.8	A3:o		Yes [X] No []
A3h	Private Data in Result	P16.8	A3:o		Yes [X] No []
A3i	Report of Service Errors	P14	A3:m	[]	Yes [X]

Clear Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A4	Clear Call service	S9.4 P9.4	o		Yes [X] No []
A4a	Service Result	P5.3 P9.4	A4:m	[]	Yes [X]
A4b	Call to be Cleared parameter	P9.4	A4:m	[]	Yes [X]

Item	Service / Feature	Reference	Status	N/A	Supported?
A4c	Security parameters	P16.8	A4:o		Yes [X] No []
A4d	Private Data in Request	P16.8	A4:o		Yes [X] No []
A4e	Private Data in Result	P16.8	A4:o		Yes [X] No []
A4f	Report of Service Errors	P14	A4:m	[]	Yes [X]

Clear Connection

Item	Service / Feature	Reference	Status	N/A	Supported?
A5	Clear Connection service	S9.5 P9.5	o		Yes [X] No []
A5a	Service Result	P5.3 P9.5	A5:m	[]	Yes [X]
A5b	Connection to be Cleared parameter	P9.5	A5:m	[]	Yes [X]
A5c	Security parameters	P16.8	A5:o		Yes [X] No []
A5d	Private Data in Request	P16.8	A5:o		Yes [X] No []
A5e	Private Data in Result	P16.8	A5:o		Yes [X] No []
A5f	Report of Service Errors	P14	A5:m	[]	Yes [X]

Conference Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A6	Conference Call service	S9.6 P9.6	o		Yes [X] No []
A6a	Service Result	P5.3 P9.6	A6:m	[]	Yes [X]
A6b	Held Call parameter	P9.6	A6:o1		Yes [X] No []
A6c	Active Call parameter	P9.6	A6:o1		Yes [X] No []
A6d	Conference Call parameter in Result	P9.6	A6a:m	[]	Yes [X]
A6e	Connection ID list	P9.6	A6:o		Yes [X] No []
A6f	Static Device ID included in list	P16.4	A6e:o	[]	Yes [X] No []
A6g	Security parameters	P16.8	A6:o		Yes [X] No []
A6h	Private Data in Request	P16.8	A6:o		Yes [X] No []
A6i	Private Data in Result	P16.8	A6:o		Yes [X] No []
A6j	Report of Service Errors	P14	A6:m	[]	Yes [X]

Consultation Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A7	Consultation Call service	S9.7 P9.7	o		Yes [X] No []
A7a	Service Result	P5.3 P9.7	A7:m	[]	Yes [X]
A7b	Existing call parameter	P9.7	A7:m	[]	Yes [X]
A7c	Called Device ID parameter	P9.7	A7:m	[]	Yes [X]
A7d	Initiated Call parameters in Result	P9.7	A7a:m	[]	Yes [X]
A7e	Security parameters	P16.8	A7:o		Yes [X] No []
A7f	Private Data in Request	P16.8	A7:o		Yes [X] No []
A7g	Private Data in Result	P16.8	A7:o		Yes [X] No []

Item	Service / Feature	Reference	Status	N/A	Supported?
A7h	Report of Service Errors	P14	A7:m	<input type="checkbox"/>	Yes [X]

Divert Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A8	Divert Call service	S9.8 P9.8	o		Yes [X] No <input type="checkbox"/>
A8a	Deflect feature	P9.8	A8:o1		Yes [X] No <input type="checkbox"/>
A8b	Directed Pickup feature	P9.8	A8:o1		Yes [X] No <input type="checkbox"/>
A8c	Group Pickup feature	P9.8	A8:o1		Yes [X] No <input type="checkbox"/>
A8d	Service Result	P5.3 P9.8	A8:m	<input type="checkbox"/>	Yes [X]
A8e	Call to be Diverted parameter	P16.6	A8a:m	<input type="checkbox"/>	Yes [X]
A8f	New Destination parameter	P16.6	A8a:m	<input type="checkbox"/>	Yes [X]
A8g	Call to be Picked Up parameter	P16.6	A8b:m	<input type="checkbox"/>	Yes [X]
A8h	Requesting Device parameter	P16.6	A8b:o	<input type="checkbox"/>	Yes [X]
A8i	Device ID of group parameter	P16.6	A8c:m	<input type="checkbox"/>	Yes [X]
A8j	Security parameters	P16.8	A8:o		Yes [X] No <input type="checkbox"/>
A8k	Private Data in Request	P16.8	A8:o		Yes [X] No <input type="checkbox"/>
A8l	Private Data in Result	P16.8	A8:o		Yes [X] No <input type="checkbox"/>
A8m	Report of Service Errors	P14	A8:m	<input type="checkbox"/>	Yes [X]

Hold Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A9	Hold Call service	S9.9 P9.9	o		Yes [X] No <input type="checkbox"/>
A9a	Service Result	P5.3 P9.9	A9:m	<input type="checkbox"/>	Yes [X]
A9b	Call to be Held	P9.9	A9:m	<input type="checkbox"/>	Yes [X]
A9c	Procedures for Connection Reservation parameter = TRUE	S9.9.1	A9:o		Yes [X] No <input type="checkbox"/>
A9d	Security parameters	P16.8	A9:o		Yes [X] No <input type="checkbox"/>
A9e	Private Data in Request	P16.8	A9:o		Yes [X] No <input type="checkbox"/>
A9f	Private Data in Result	P16.8	A9:o		Yes [X] No <input type="checkbox"/>
A9g	Report of Service Errors	P14	A9:m	<input type="checkbox"/>	Yes [X]

Make Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A10	Make Call service	S9.10 P9.10	o		Yes [X] No <input type="checkbox"/>
A10a	Service Result	P5.3 P9.10	A10:m	<input type="checkbox"/>	Yes [X]
A10b	Calling Device ID parameter	P9.10	A10:m	<input type="checkbox"/>	Yes [X]
A10c	Called Device ID parameter	P9.10	A10:m	<input type="checkbox"/>	Yes [X]
A10d	Initiated Call parameter in Result	P9.10	A10a:m	<input type="checkbox"/>	Yes [X]
A10e	Security parameters	P16.8	A10:o		Yes [X] No <input type="checkbox"/>
A10f	Private Data in Request	P16.8	A10:o		Yes [X] No <input type="checkbox"/>

Item	Service / Feature	Reference	Status	N/A	Supported?
A10g	Private Data in Result	P16.8	A10:o		Yes [X] No []
A10h	Report of Service Errors	P14	A10:m	[]	Yes [X]

Make Predictive Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A11	Make Predictive service	S9.11 P9.11	o		Yes [X] No []
A11a	Service Result	P5.3 P9.11	A11:m	[]	Yes [X]
A11b	Calling Device ID parameter	P9.11	A11:m	[]	Yes [X] No []
A11c	Called Device ID parameter	P9.11	A11:m	[]	Yes [X] No []
A11d	Allocation on Established condition	S9.11.1	A11:o		Yes [X] No []
A11e	Initiated Call parameter in Result	P9.11	A11a:m	[]	Yes [X]
A11f	Security parameters	P16.8	A11:o		Yes [X] No []
A11g	Private Data in Request	P16.8	A11:o		Yes [X] No []
A11h	Private Data in Result	P16.8	A11:o		Yes [X] No []
A11i	Report of Service Errors	P14	A11:m	[]	Yes [X]

Query Device

Item	Service / Feature	Reference	Status	N/A	Supported?
A12	Query Device service	S9.12 P9.12	o		Yes [X] No []
A12a	Message Waiting feature	P9.12	A12:o1		Yes [X] No []
A12b	Do Not Disturb feature	P9.12	A12:o1		Yes [X] No []
A12c	Forwarding feature	P9.12	A12:o1		Yes [X] No []
A12d	Last Number feature	P9.12	A12:o1		Yes [X] No []
A12e	Device Info feature	P9.12	A12:o1		Yes [X] No []
A12f	Agent State feature	P9.12	A12:o1		Yes [X] No []
A12g	Service Result	P5.3 P9.12	A12:m	[]	Yes [X]
A12h	Device parameter in Request	P9.12	A12:m	[]	Yes [X]
A12i	Feature parameter in Request	P9.12	A12:m	[]	Yes [X]
A12j	Device Information in Service Result	P9.12	A12g:m	[]	Yes [X]
A12k	Message Waiting On	P16.6	A12a:m	[]	Yes [X] No []
A12l	Do Not Disturb On	P16.6	A12b:m	[]	Yes [X] No []
A12m	Forward Immediate	P16.6	A12c:o1	[]	Yes [X] No []
A12n	Forward Busy	P16.6	A12c:o1	[]	Yes [X] No []
A12o	Forward No Answer	P16.6	A12c:o1	[]	Yes [X] No []
A12p	Forward Busy Internal	P16.6	A12c:o1	[]	Yes [X] No []
A12q	Forward Busy External	P16.6	A12c:o1	[]	Yes [X] No []
A12r	Forward No Answer Internal	P16.6	A12c:o1	[]	Yes [X] No []
A12s	Forward No Answer External	P16.6	A12c:o1	[]	Yes [X] No []
A12t	Forward-to Number	P16.6	A12c:m	[]	Yes [X]

Item	Service / Feature	Reference	Status	N/A	Supported?
A12u	Last Dialed Number	P16.6	A12d:m	<input type="checkbox"/>	Yes [X]
A12v	Device ID	P16.6	A12e:o1	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>
A12w	Device Type	P16.6	A12e:o1	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>
A12x	Device Class	P16.6	A12e:o1	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>
A12y	Null	P16.6	A12f:o1	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>
A12z	Not Ready	P16.6	A12f:o1	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>
A12aa	Ready	P16.6	A12f:o1	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>
A12bb	Work Not Ready	P16.6	A12f:o1	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>
A12cc	Work Ready	P16.6	A12f:o1	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>
A12dd	Security parameters	P16.8	A12:o		Yes [X] No <input type="checkbox"/>
A12ee	Private Data in Request	P16.8	A12:o		Yes [X] No <input type="checkbox"/>
A12ff	Private Data in Result	P16.8	A12:o		Yes [X] No <input type="checkbox"/>
A12gg	Report of Service Errors	P14	A12:m	<input type="checkbox"/>	Yes [X]

Reconnect Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A13	Reconnect Call service	S9.13 P9.13	o		Yes [X] No <input type="checkbox"/>
A13a	Service Result	P5.3 P9.13	A13:m	<input type="checkbox"/>	Yes [X]
A13b	Held Call parameter	P9.13	A13:o1		Yes [X] No <input type="checkbox"/>
A13c	Active Call parameter	P9.13	A13:o1		Yes [X] No <input type="checkbox"/>
A13d	Security parameters	P16.8	A13:o		Yes [X] No <input type="checkbox"/>
A13e	Private Data in Request	P16.8	A13:o		Yes [X] No <input type="checkbox"/>
A13f	Private Data in Result	P16.8	A13:o		Yes [X] No <input type="checkbox"/>
A13g	Report of Service Errors	P14	A13:m	<input type="checkbox"/>	Yes [X]

Retrieve Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A14	Retrieve Call service	S9.14 P9.14	o		Yes [X] No <input type="checkbox"/>
A14a	Service Result	P5.3 P9.14	A14:m	<input type="checkbox"/>	Yes [X]
A14b	Call to be Retrieved parameter	P9.14	A14:m	<input type="checkbox"/>	Yes [X]
A14c	Security parameters	P16.8	A14:o		Yes [X] No <input type="checkbox"/>
A14d	Private Data in Request	P16.8	A14:o		Yes [X] No <input type="checkbox"/>
A14e	Private Data in Result	P16.8	A14:o		Yes [X] No <input type="checkbox"/>
A14f	Report of Service Errors	P14	A14:m	<input type="checkbox"/>	Yes [X]

Set Feature

Item	Service / Feature	Reference	Status	N/A	Supported?
A15	Set Feature service	S9.15 P9.15	o		Yes [X] No <input type="checkbox"/>
A15a	Message Waiting feature	P9.15	A15:o1		Yes [X] No <input type="checkbox"/>
A15b	Do Not Disturb feature	P9.15	A15:o1		Yes [X] No <input type="checkbox"/>

Item	Service / Feature	Reference	Status	N/A	Supported?
A15c	Forwarding feature	P9.15	A15:o1		Yes [X] No []
A15d	Agent Parameter feature	P9.15	A15:o1		Yes [X] No []
A15e	Service Result	P5.3 P9.15	A15:m	[]	Yes [X]
A15f	Device parameter in Request	P9.15	A15:m	[]	Yes [X]
A15g	Feature parameter in Request	P9.15	A15:m	[]	Yes [X]
A15h	Forward Always	P9.15	A15c:01	[]	Yes [X] No []
A15i	Forward Busy	P9.15	A15c:o1	[]	Yes [X] No []
A15j	Forward No Answer	P9.15	A15c:o1	[]	Yes [X] No []
A15k	Forward Busy Internal	P9.15	A15c:o1	[]	Yes [X] No []
A15l	Forward Busy External	P9.15	A15c:o1	[]	Yes [X] No []
A15m	Forward No Answer Internal	P9.15	A15c:o1	[]	Yes [X] No []
A15n	Forward No Answer External	P9.15	A15c:o1	[]	Yes [X] No []
A15o	Forward to Device	P9.15	A15c:o	[]	Yes [X] No []
A15p	Login	P9.15	A15d:o1	[]	Yes [X] No []
A15q	Logout	P9.15	A15d:o1	[]	Yes [X] No []
A15r	Ready	P9.15	A15d:o1	[]	Yes [X] No []
A15s	Not Ready	P9.15	A15d:o1	[]	Yes [X] No []
A15t	Work Not Ready	P9.15	A15d:01	[]	Yes [X] No []
A15u	Work Ready	P9.15	A15d:o1	[]	Yes [X] No []
A15v	Agent ID	P9.15	c1:o	[]	Yes [X] No []
A15w	ACD Pilot or Group	P9.15	c1:o	[]	Yes [X] No []
A15x	Agent Password	P9.15	A15q:o	[]	Yes [X] No []
A15y	Security parameters	P16.8	A15:o		Yes [X] No []
A15z	Private Data in Request	P16.8	A15:o		Yes [X] No []
A12aa	Private Data in Result	P16.8	A15:o		Yes [X] No []
A12bb	Report of Service Errors	P14	A15:m	[]	Yes [X]

Note A.3:

c1: (A15p or A15q)

Transfer Call

Item	Service / Feature	Reference	Status	N/A	Supported?
A16	Transfer Call service	S9.16 P9.16	o		Yes [X] No []
A16a	Service Result	P5.3 P9.16	A16:m	[]	Yes [X]
A16b	Held Call parameter	P9.16	A16:m	[]	Yes [X]
A16c	Active Call parameter	P9.16	A16:m	[]	Yes [X]
A16d	Transferred Call parameter in Result	P9.16	A16:o		Yes [X] No []
A16e	List of remaining parties	P9.16	A16:o		Yes [X] No []
A16f	Static IDs included in list	P16.4	A16e:o	[]	Yes [X] No []
A16g	Security parameters	P16.8	A16:o		Yes [X] No []

Item	Service / Feature	Reference	Status	N/A	Supported?
A16h	Private Data in Request	P16.8	A16:o		Yes [X] No []
A16i	Private Data in Result	P16.8	A16:o		Yes [X] No []
A16j	Report of Service Errors	P14	A16:m	[]	Yes [X]

A.7 Switching Function Events

Call Events

Event Macro

Item	Service / Feature	Reference	Status	N/A	Supported?
B1	Event macro	S10.2 P10	o		Yes [X] No []
B1a	Monitor CrossRefID	S10.2.1 P5.4 P10	B1:m	[]	Yes [X]
B1b	EventTypeID	P10	B1:m	[]	Yes [X]
B1c	EventInfo	P10	B1:m	[]	Yes [X]
B1d	CSTA Private Data	P10	B1:o		Yes [X] No []

Call Cleared

Item	Service / Feature	Reference	Status	N/A	Supported?
B2	Call Cleared event	S10.2.3.1 P10.1.1	o		Yes [X] No []
B2a	Cleared Call parameter	P10.1.1	B2:m	[]	Yes [X]
B2b	Cause parameter	P10.1.1	B2:o		Yes [X] No []
B2c	Local Connection information	P10.1.1	B2:o		Yes [X] No []

Conferenced

Item	Service / Feature	Reference	Status	N/A	Supported?
B3	Conferenced event	S10.2.3.2 P10.1.2	o		Yes [X] No []
B3a	Primary Old Call parameter	P10.1.2	B3:m	[]	Yes [X]
B3b	Secondary Old Call parameter	P10.1.2	B3:C.1	[]	Yes [X] No []
B3c	Conference Controller parameter	P10.1.2	B3:m	[]	Yes [X]
B3d	Added Party parameter	P10.1.2	B3:m	[]	Yes [X]
B3e	Cause parameter	P10.1.2	B3:o		Yes [X] No []
B3f	Local Connection information	P10.1.2	B3:o		Yes [X] No []
B3g	Connection ID list	P10.1.2	B3:o		Yes [X] No []
B3h	Static Device ID included in list	P16.4	B3g:o	[]	Yes [X] No []

C.1: If provided in previous events then mandatory, else optional

Connection Cleared

Item	Service / Feature	Reference	Status	N/A	Supported?
B4	Connection Cleared event	S10.2.3.3 P10.1.3	o		Yes [X] No []
B4a	Droppped Connection parameter	P10.1.3	B4:m	[]	Yes [X]
B4b	Releasing Device parameter	P10.1.3	B4:m	[]	Yes [X]
B4c	Cause parameter	P10.1.3	B4:o		Yes [X] No []

Item	Service / Feature	Reference	Status	N/A	Supported?
B4d	Local Connection information	P10.1.3	B4:o		Yes [X] No []

Delivered

Item	Service / Feature	Reference	Status	N/A	Supported?
B5	Delivered event	S10.2.3.4 P10.1.4	o		Yes [X] No []
B5a	Alerting Connection ID parameter	P10.1.4	B5:m	[]	Yes [X]
B5b	Alerting Device ID parameter	P10.1.4	B5:m	[]	Yes [X]
B5c	Calling Device ID parameter	P10.1.4	B5:m	[]	Yes [X]
B5d	Called Device parameter	P10.1.4	B5:m	[]	Yes [X]
B5e	Last Redirection Device parameter	P10.1.4	B5:m	[]	Yes [X]
B5f	Cause parameter	P10.1.4	B5:o		Yes [X] No []
B5g	Local Connection information	P10.1.4	B5:o		Yes [X] No []

Diverted

Item	Service / Feature	Reference	Status	N/A	Supported?
B6	Diverted event	S10.2.3.5 P10.1.5	o		Yes [X] No []
B6a	Diverted Connection ID parameter	P10.1.5	B6:C.2	[]	Yes [X] No []
B6b	Diverting Device parameter	P10.1.5	B6:m	[]	Yes [X]
B6c	New Destination parameter	P10.1.5	B6:m	[]	Yes [X]
B6d	Cause parameter	P10.1.5	B6:o		Yes [X] No []
B6e	Local Connection information	P10.1.5	B6:o		Yes [X] No []

C.2: If the call alerted the device then mandatory, else optional

Established

Item	Service / Feature	Reference	Status	N/A	Supported?
B7	Established event	S10.2.3.6 P10.1.6	o		Yes [X] No []
B7a	Established Connection parameter	P10.1.6	B7:m	[]	Yes [X]
B7b	Answering Device parameter	P10.1.6	B7:m	[]	Yes [X]
B7c	Calling Device parameter	P10.1.6	B7:m	[]	Yes [X]
B7d	Called Device parameter	P10.1.6	B7:m	[]	Yes [X]
B7e	Last Redirection Device parameter	P10.1.6	B7:m	[]	Yes [X]
B7f	Cause parameter	P10.1.6	B7:o		Yes [X] No []
B7g	Local Connection information	P10.1.6	B7:o		Yes [X] No []

Failed

Item	Service / Feature	Reference	Status	N/A	Supported?
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Item	Service / Feature	Reference	Status	N/A	Supported?
B8	Failed event	S10.2.3.7 P10.1.7	o		Yes [X] No []
B8a	Failed Connection	P10.1.7	B8:m	[]	Yes [X]
B8b	Failing Device parameter	P10.1.7	B8:m	[]	Yes [X]
B8c	Called Device parameter	P10.1.7	B8:m	[]	Yes [X]
B8d	Cause parameter	P10.1.7	B8:o		Yes [X] No []
B8e	Local Connection information	P10.1.7	B8:o		Yes [X] No []

Held

Item	Service / Feature	Reference	Status	N/A	Supported?
B9	Held event	S10.2.3.8 P10.1.8	o		Yes [X] No []
B9a	Held Connection	P10.1.8	B9:m	[]	Yes [X]
B9b	Holding Device parameter	P10.1.8	B9:m	[]	Yes [X]
B9c	Cause parameter	P10.1.8	B9:o		Yes [X] No []
B9d	Local Connection information	P10.1.8	B9:o		Yes [X] No []

Network Reached

Item	Service / Feature	Reference	Status	N/A	Supported?
B10	Network Reached event	S10.2.3.9 P10.1.9	o		Yes [X] No []
B10a	Connection ID parameter	P10.1.9	B10:m	[]	Yes [X]
B10b	Trunk Used parameter	P10.1.9	B10:m	[]	Yes [X]
B10c	Called Device parameter	P10.1.9	B10:m	[]	Yes [X]
B10d	Cause parameter	P10.1.9	B10:o		Yes [X] No []
B10e	Local Connection information	P10.1.9	B10:o		Yes [X] No []

Originated

Item	Service / Feature	Reference	Status	N/A	Supported?
B11	Originated event	S10.2.3.10 P10.1.10	o		Yes [X] No []
B11a	Originated Connection parameter	P10.1.10	B11:m	[]	Yes [X]
B11b	Calling Device parameter	P10.1.10	B11:m	[]	Yes [X]
B11c	Called Device parameter	P10.1.10	B11:m	[]	Yes [X]
B11d	Cause parameter	P10.1.10	B11:o		Yes [X] No []
B11e	Local Connection information	P10.1.10	B11:o		Yes [X] No []

Queued

Item	Service / Feature	Reference	Status	N/A	Supported?
B12	Queued event	S10.2.3.11 P10.1.11	o		Yes [X] No []

Item	Service / Feature	Reference	Status	N/A	Supported?
B12a	Queued Connection parameter	P10.1.11	B12:m	<input type="checkbox"/>	Yes [X]
B12b	Queue parameter	P10.1.11	B12:m	<input type="checkbox"/>	Yes [X]
B12c	Calling Device parameter	P10.1.11	B12:m	<input type="checkbox"/>	Yes [X]
B12d	Called Device parameter	P10.1.11	B12:m	<input type="checkbox"/>	Yes [X]
B12e	Last Redirection Device parameter	P10.1.11	B12:m	<input type="checkbox"/>	Yes [X]
B12f	Number of Calls in Queue	P10.1.11	B12:o		Yes [X] No <input type="checkbox"/>
B12g	Cause parameter	P10.1.11	B12:o		Yes [X] No <input type="checkbox"/>
B12h	Local Connection information	P10.1.11	B12:o		Yes [X] No <input type="checkbox"/>

Retrieved

Item	Service / Feature	Reference	Status	N/A	Supported?
B13	Retrieved event	S10.2.3.12 P10.1.12	o		Yes [X] No <input type="checkbox"/>
B13a	Retrieved Connection parameter	P10.1.12	B13:m	<input type="checkbox"/>	Yes [X]
B13b	Retrieving Device parameter	P10.1.12	B13:m	<input type="checkbox"/>	Yes [X]
B13c	Cause parameter	P10.1.12	B13:o		Yes [X] No <input type="checkbox"/>
B13d	Local Connection information	P10.1.12	B13:o		Yes [X] No <input type="checkbox"/>

Service Initiated

Item	Service / Feature	Reference	Status	N/A	Supported?
B14	Service Initiated event	S10.2.3.13 P10.1.13	o		Yes [X] No <input type="checkbox"/>
B14a	Initiated Connection parameter	P10.1.13	B14:m	<input type="checkbox"/>	Yes [X]
B14b	Cause parameter	P10.1.13	B14:o		Yes [X] No <input type="checkbox"/>
B14c	Local Connection information	P10.1.13	B14:o		Yes [X] No <input type="checkbox"/>

Transferred

Item	Service / Feature	Reference	Status	N/A	Supported?
B15	Transferred event	S10.2.3.14 P10.1.14	o		Yes [X] No <input type="checkbox"/>
B15a	Primary Old Call parameter	P10.1.14	B15:m	<input type="checkbox"/>	Yes [X]
B15b	Secondary Old Call parameter	P10.1.14	B15:C.3	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>
B15c	Transferring Device parameter	P10.1.14	B15:m	<input type="checkbox"/>	Yes [X]
B15d	Transferred-to Device parameter	P10.1.14	B15:m	<input type="checkbox"/>	Yes [X]
B15e	Cause parameter	P10.1.14	B15:o		Yes [X] No <input type="checkbox"/>
B15f	Local Connection information	P10.1.14	B15:o		Yes [X] No <input type="checkbox"/>
B15g	Connection ID list	P10.1.14	B15:o		Yes [X] No <input type="checkbox"/>
B15h	Static Device ID included in list	P16.4	B15g:o	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>

C.3: If parameter in previous events then mandatory, else optional

Agent Events

Logged On

Item	Service / Feature	Reference	Status	N/A	Supported?
B16	Logged On event	S10.2.2.1 P10.3.1	o		Yes [X] No []
B16a	Agent Device parameter	P10.3.1	B16:m	[]	Yes [X]
B16b	Agent ID parameter	P10.3.1	B16:o		Yes [X] No []
B16c	Agent Group parameter	P10.3.1	B16:o		Yes [X] No []
B16d	Password parameter	P10.3.1	B16:o		Yes [X] No []

Logged Off

Item	Service / Feature	Reference	Status	N/A	Supported?
B17	Logged Off event	S10.2.2.2 P10.3.2	o		Yes [X] No []
B17a	Agent Device parameter	P10.3.2	B17:m	[]	Yes [X]
B17b	Agent ID parameter	P10.3.2	B17:o		Yes [X] No []
B17c	Agent Group parameter	P10.3.2	B17:o		Yes [X] No []

Ready

Item	Service / Feature	Reference	Status	N/A	Supported?
B18	Ready event	S10.2.2.4 P10.3.4	o		Yes [X] No []
B18a	Agent Device parameter	P10.3.4	B18:m	[]	Yes [X]
B18b	Agent ID parameter	P10.3.4	B18:o		Yes [X] No []

Not Ready

Item	Service / Feature	Reference	Status	N/A	Supported?
B19	Not Ready event	S10.2.2.3 P10.3.3	o		Yes [X] No []
B19a	Agent Device parameter	P10.3.3	B19:m	[]	Yes [X]
B19b	Agent ID parameter	P10.3.3	B19:o		Yes [X] No []

Work Ready

Item	Service / Feature	Reference	Status	N/A	Supported?
B20	Work Ready event	P10.2.2.6 P10.3.6	o		Yes [X] No []
B20a	Agent Device parameter	P10.3.6	B20:m	[]	Yes [X]
B20b	Agent ID parameter	P10.3.6	B20:o		Yes [X] No []

Work Not Ready

Item	Service / Feature	Reference	Status	N/A	Supported?
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Item	Service / Feature	Reference	Status	N/A	Supported?
B21	Work Not Ready event	P10.2.2.5 P10.3.5	o		Yes [X] No []
B21a	Agent Device parameter	P10.3.5	B21:m	[]	Yes [X]
B21b	Agent ID parameter	P10.3.5	B21:o		Yes [X] No []

Other Feature Events

Call Information

Item	Service / Feature	Reference	Status	N/A	Supported?
B22	Call Information event	S10.2.4.1 P10.2.1	o		Yes [X] No []
B22a	Connection ID parameter	P10.2.1	B22:m	[]	Yes [X]
B22b	Device parameter	P10.2.1	B22:o		Yes [X] No []
B22c	Account Information	P10.2.1	B22:o		Yes [X] No []
B22d	Authorisation Code	P10.2.1	B22:o		Yes [X] No []

Do Not Disturb

Item	Service / Feature	Reference	Status	N/A	Supported?
B23	Do Not Disturb event	S10.2.4.2 P10.2.2	o		Yes [X] No []
B23a	Device parameter	P10.2.2	B23:m	[]	Yes [X]
B23b	Do Not Disturb On	P10.2.2	B23:m	[]	Yes [X]

Forwarding

Item	Service / Feature	Reference	Status	N/A	Supported?
B24	Forwarding event	S10.2.4.3 P10.2.3	o		Yes [X] No []
B24a	Device parameter	P10.2.3	B24:m	[]	Yes [X]
B24b	Forwarding Information	P10.2.3	B24:m	[]	Yes [X]
B24c	Forwarding Type parameter	P16.6	B24b:m	[]	Yes [X]
B24d	Forward Immediate On	P16.6	B24c:o	[]	Yes [X] No []
B24e	Forward Immediate Off	P16.6	B24c:o	[]	Yes [X] No []
B24f	Forward Busy On	P16.6	B24c:o	[]	Yes [X] No []
B24g	Forward Busy Off	P16.6	B24c:o	[]	Yes [X] No []
B24h	Forward No Answer On	P16.6	B24c:o	[]	Yes [X] No []
B24i	Forward No Answer Off	P16.6	B24c:o	[]	Yes [X] No []
B24j	Forward Busy Internal On	P16.6	B24c:o	[]	Yes [X] No []
B24k	Forward Busy Internal Off	P16.6	B24c:o	[]	Yes [X] No []
B24l	Forward Busy External On	P16.6	B24c:o	[]	Yes [X] No []
B24m	Forward Busy External Off	P16.6	B24c:o	[]	Yes [X] No []
B24n	Fwd No Answer Internal On	P16.6	B24c:o	[]	Yes [X] No []
B24o	Fwd No Answer Internal Off	P16.6	B24c:o	[]	Yes [X] No []

Item	Service / Feature	Reference	Status	N/A	Supported?
B24p	Fwd No Answer External On	P16.6	B24c:o	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>
B24q	Fwd No Answer External Off	P16.6	B24c:o	<input type="checkbox"/>	Yes [X] No <input type="checkbox"/>
B24r	Forward DN	P16.6	B24b:o		Yes [X] No <input type="checkbox"/>

Message Waiting

Item	Service / Feature	Reference	Status	N/A	Supported?
B25	Message Waiting event	S10.2.4.4 P10.2.4	o		Yes [X] No <input type="checkbox"/>
B25a	Device for Message	P10.2.4	B25:m	<input type="checkbox"/>	Yes [X]
B25b	Invoking Device	P10.2.4	B25:m	<input type="checkbox"/>	Yes [X]
B25c	Message Waiting On parameter	P10.2.4	B25:m	<input type="checkbox"/>	Yes [X]

Maintenance Events

Back In Service

Item	Service / Feature	Reference	Status	N/A	Supported?
B26	Back in Service event	S10.2.5.1 P10.4.1	o		Yes [X] No <input type="checkbox"/>
B26a	Device ID parameter	P10.4.1	B26:m	<input type="checkbox"/>	Yes [X]
B26b	Cause parameter	P10.4.1	B26:o		Yes [X] No <input type="checkbox"/>

Out of Service

Item	Service / Feature	Reference	Status	N/A	Supported?
B27	Out of Service event	S10.2.5.2 P10.4.2	o		Yes [X] No <input type="checkbox"/>
B27a	Device ID parameter	P10.4.2	B27:m	<input type="checkbox"/>	Yes [X]
B27b	Cause parameter	P10.4.2	B27:o		Yes [X] No <input type="checkbox"/>

Private Events

Item	Service / Feature	Reference	Status	N/A	Supported?
B28	Is/Are Private Event(s)	S10.2.1 P10.5	o		Yes [X] No <input type="checkbox"/>

A.8 Computing Services

Route Request

Item	Service / Feature	Reference	Status	N/A	Supported?
C1	Route Request service	S11.3 P11.1	o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C1a	Cross Reference parameter	P11.1	C1:m	<input type="checkbox"/>	Yes <input type="checkbox"/>
C1b	Current Route parameter	P11.1	C1:m	<input type="checkbox"/>	Yes <input type="checkbox"/>
C1c	Calling Device parameter	P11.1	C1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C1d	Routed Call parameter	P11.1	C1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C1e	Route Select Algorithm	P11.1	C1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C1f	Priority parameter	P11.1	C1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C1g	Set-up information	P11.1	C1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C1h	Security parameters	P16.8	C1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C1i	Private Data in Request	P16.8	C1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C1j	Report of Service Errors	P14	C1:m	<input type="checkbox"/>	Yes <input type="checkbox"/>

Re-Route Service

Item	Service / Feature	Reference	Status	N/A	Supported?
C2	Re-Route service	S11.1 P11.2	o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C2a	Cross Reference parameter	P11.2	C2:m	<input type="checkbox"/>	Yes <input type="checkbox"/>
C2b	Security parameters	P16.8	C2:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C2c	Private Data in Request	P16.8	C2:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C2d	Report of Service Errors	P14	C2:m	<input type="checkbox"/>	Yes <input type="checkbox"/>

Route Select

Item	Service / Feature	Reference	Status	N/A	Supported?
C3	Route Select service	S11.4 P11.3	o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C3a	Cross Reference parameter	P11.3	C3:m	<input type="checkbox"/>	Yes <input type="checkbox"/>
C3b	Route Selected parameter	P11.3	C3:m	<input type="checkbox"/>	Yes <input type="checkbox"/>
C3c	ISDN Set-Up parameter	P11.3	C3:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C3d	Remaining Retries parameter	P11.3	C3:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C3e	Route Used Request parameter	P11.3	C3:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C3f	Security parameters	P16.8	C3:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C3g	Private Data in Request	P16.8	C3:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C3h	Report of Service Errors	P14	C3:m	<input type="checkbox"/>	Yes <input type="checkbox"/>

Route Used

Item	Service / Feature	Reference	Status	N/A	Supported?
C4	Route Used service	S11.5 P11.4	o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C4a	Cross Reference parameter	P11.4	C4:m	<input type="checkbox"/>	Yes <input type="checkbox"/>
C4b	Route Used parameter	P11.4	C4:m	<input type="checkbox"/>	Yes <input type="checkbox"/>

Item	Service / Feature	Reference	Status	N/A	Supported?
C4c	Calling Device parameter	P11.4	C4:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C4d	Domain parameter	P11.4	C4:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C4e	Security parameters	P16.8	C4:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C4f	Private Data in Request	P16.8	C4:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C4g	Report of Service Errors	P14	C4:m	<input type="checkbox"/>	Yes <input type="checkbox"/>

Route End

Item	Service / Feature	Reference	Status	N/A	Supported?
C5	Route End service	S11.2 P11.5	o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C5a	Cross Reference parameter	P11.5	C5:m	<input type="checkbox"/>	Yes <input type="checkbox"/>
C5b	Error Value parameter	P11.5	C5:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C5c	Security parameters	P16.8	C5:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C5d	Private Data in Request	P16.8	C5:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
C5e	Report of Service Errors	P14	C5:m	<input type="checkbox"/>	Yes <input type="checkbox"/>

A.9 Bidirectional Services

Escape Service

Item	Service / Feature	Reference	Status	N/A	Supported?
D1	Escape service	S12.1 P12.1	o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D1a	Service Result	P5.3 P12.1	D1:m	<input type="checkbox"/>	Yes <input type="checkbox"/>
D1b	Security parameters	P16.8	D1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
D1c	Private Data in Request	P16.8	D1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
D1d	Private Data in Result	P16.8	D1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
D1e	Report of Service Errors	P14	D1:m	<input type="checkbox"/>	Yes <input type="checkbox"/>

System Status

Item	Service / Feature	Reference	Status	N/A	Supported?
D2	System Status service	S12.2 P12.2	o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2a	Service Result	P5.3 P12.2	D2:m	<input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
D2b	System Status Cause	P12.2	D2:m	<input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
D2c	Initializing	P12.2	D2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2d	Enabled	P12.2	D2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2e	Normal	P12.2	D2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2f	Messages Lost	P12.2	D2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2g	Disabled	P12.2	D2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2h	Overload Imminent	P12.2	D2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2i	Overload Reached	P12.2	D2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2j	Overload Relieved	P12.2	D2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2k	Security parameters	P16.8	D2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2l	Private Data in Request	P16.8	D2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2m	Private Data in Result	P16.8	D2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
D2n	Report of Service Errors	P14	D2:m	<input type="checkbox"/>	Yes <input checked="" type="checkbox"/>

A.10 Status Reporting Services

Change Monitor Filter

Item	Service / Feature	Reference	Status	N/A	Supported?
E1	Change Monitor Filter service	S10.1 P13.2	o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
E1a	Service Result	P5.3 P13.2	E1:m	<input type="checkbox"/>	Yes <input type="checkbox"/>
E1b	Cross Reference ID parameter in Request	P13.2	E1:m	<input type="checkbox"/>	Yes <input type="checkbox"/>
E1c	Filter List in Request	P13.2	E1:m	<input type="checkbox"/>	Yes <input type="checkbox"/>
E1d	Filter List in Result	P13.2	E1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
E1e	Security parameters	P16.8	E1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
E1f	Private Data in Request	P16.8	E1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
E1g	Private Data in Result	P16.8	E1:o		Yes <input type="checkbox"/> No <input type="checkbox"/>
E1h	Report of Service Errors	P14	E1:m	<input type="checkbox"/>	Yes <input type="checkbox"/>

Monitor Start

Item	Service / Feature	Reference	Status	N/A	Supported?
E2	Monitor Start	S10.3 P13.1	o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2a	Service Result	P5.3 P13.1	E2:m	<input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
E2b	Monitor Object parameter	P13.1	E2:m	<input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
E2c	Monitor Object device	P13.1	E2:o1		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2d	Monitor Object call	P13.1	E2:o1		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2e	Monitor Type parameter	P13.1	E2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2f	Monitor Type device	P13.1	c1:o1		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2g	Monitor Type call	P13.1	c1:o1		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2h	Monitor Type default to Call Monitoring	P13.1	E2:o1		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2i	Monitor Type default to Device Monitoring	P13.1	E2:o1		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2j	Monitor Filter parameter for Call Processing events	P13.1	E2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2k	Monitor Filter parameter for Feature events	P13.1	E2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2l	Monitor Filter parameter for Agent events	P13.1	E2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2m	Monitor Filter parameter for Maintenance events	P13.1	E2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2n	Cross Reference ID in Service Result	P13.1	E2a:m	<input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
E2o	Security parameters	P16.8	E2:o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
E2p	Private Data in Request	P16.8	E2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2q	Private Data in Result	P16.8	E2:o		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
E2r	Report of Service Errors	P14	E2:m	<input type="checkbox"/>	Yes <input checked="" type="checkbox"/>

Note A.4:

c1: (E2c or E2d)

Monitor Stop

Item	Service / Feature	Reference	Status	N/A	Supported?
E3	Monitor Stop	S10.4 P13.3	o		Yes [X] No []
E3a	Service Result	P5.3 P13.3	E3:m	[]	Yes [X]
E3b	Cross Reference ID parameter in Request	P13.3	E3:m	[]	Yes [X]
E3c	Security parameters	P16.8	E3:o		Yes [X] No []
E3d	Private Data in Request	P16.8	E3:o		Yes [X] No []
E3e	Private Data in Result	P16.8	E3:o		Yes [X] No []
E3f	Report of Service Errors	P14	E3:m	[]	Yes [X]

Snapshot Call

Item	Service / Feature	Reference	Status	N/A	Supported?
E4	Snapshot Call service	S10.5 P13.5	o		Yes [X] No [X]
E4a	Service Result	P5.3 P13.5	E4:m	[]	Yes [X]
E4b	Snapshot Object parameter in Request	P13.5	E4:m	[]	Yes [X]
E4c	Static Device ID parameter in Result	P13.5	E4a:m	[]	Yes [X]
E4d	Connection ID parameter in Result	P13.5	E4a:m	[]	Yes [X]
E4e	Local Connection State parameter in Result	P13.5	E4a:o		Yes [X] No []
E4f	Security parameters	P16.8	E4:o		Yes [X] No []
E4g	Private Data in Request	P16.8	E4:o		Yes [X] No []
E4h	Private Data in Result	P16.8	E4:o		Yes [X] No []
E4i	Report of Service Errors	P14	E4:m	[]	Yes [X]

Snapshot Device

Item	Service / Feature	Reference	Status	N/A	Supported?
E5	Snapshot Device service	S10.6 P13.4	o		Yes [X] No []
E5a	Service Result	P5.3 P13.4	E5:m	[]	Yes [X]
E5b	Static Device ID parameter in Request	P13.4	E5a:m	[]	Yes [X]
E5c	Connection ID parameter in Result	P13.4	E5a:m	[]	Yes [X]
E5d	Call State parameter in Result	P13.4	E5a:m	[]	Yes [X]
E5e	Security parameters	P16.8	E5:o		Yes [X] No []
E5f	Private Data in Request	P16.8	E5:o		Yes [X] No []
E5g	Private Data in Result	P16.8	E5:o		Yes [X] No []
E5h	Report of Service Errors	P14	E5:m	[]	Yes [X]

A.11 Switching Event Cause Values

Item	Cause	Reference	Status	N/A	Supported?
F1	Cause values in event reports	S10.2.8 P15	o		Yes [X] No []
F1a	Active Monitor	P15	F1:o		Yes [X] No []
F1b	Alternate	P15	F1:o		Yes [X] No []
F1c	Busy	P15	F1:o		Yes [X] No []
F1d	Call Back	P15	F1:o		Yes [X] No []
F1e	Call Cancelled	P15	F1:o		Yes [X] No []
F1f	Call Forward Immediate	P15	F1:o		Yes [X] No []
F1g	Call Forward Busy	P15	F1:o		Yes [X] No []
F1h	Call Forward No Answer	P15	F1:o		Yes [X] No []
F1i	Call Forward	P15	F1:o		Yes [X] No []
F1j	Call Not Answered	P15	F1:o		Yes [X] No []
F1k	Call Pickup	P15	F1:o		Yes [X] No []
F1l	Camp On	P15	F1:o		Yes [X] No []
F1m	Destination Not Obtainable	P15	F1:o		Yes [X] No []
F1n	Do Not Disturb	P15	F1:o		Yes [X] No []
F1o	Incompatible Destination	P15	F1:o		Yes [X] No []
F1p	Invalid Account Code	P15	F1:o		Yes [X] No []
F1q	Key Operation	P15	F1:o		Yes [X] No []
F1r	Lockout	P15	F1:o		Yes [X] No []
F1s	Maintenance	P15	F1:o		Yes [X] No []
F1t	Network Congestion	P15	F1:o		Yes [X] No []
F1u	Network Not Obtainable	P15	F1:o		Yes [X] No []
F1v	New Call	P15	F1:o		Yes [X] No []
F1w	No Available Agents	P15	F1:o		Yes [X] No []
F1x	Overflow	P15	F1:o		Yes [X] No []
F1y	Override	P15	F1:o		Yes [X] No []
F1z	Park	P15	F1:o		Yes [X] No []
F1aa	Recall	P15	F1:o		Yes [X] No []
F1ab	Redirected	P15	F1:o		Yes [X] No []
F1ac	Reorder Tone	P15	F1:o		Yes [X] No []
F1ad	Resources Not Available	P15	F1:o		Yes [X] No []
F1ae	Silent Monitor	P15	F1:o		Yes [X] No []
F1af	Transfer	P15	F1:o		Yes [X] No []
F1ag	Trunks Busy	P15	F1:o		Yes [X] No []
F1ah	Voice Unit Initiator	P15	F1:o		Yes [X] No []

A.12 Switching Function Errors

Operational Errors

Item	Error	Reference	Status	N/A	Supported?
G1	Operational Errors category	S8.4.1 P14	o		Yes [X] No []
G1a	Generic	P14	G1:o		Yes [X] No []
G1b	Request Incompatible with Object	P14	G1:o		Yes [X] No []
G1c	Value Out of Range	P14	G1:o		Yes [X] No []
G1d	Object Not Known	P14	G1:o		Yes [X] No []
G1e	Invalid Calling Device	P14	G1:o		Yes [X] No []
G1f	Invalid Called Device	P14	G1:o		Yes [X] No []
G1g	Privilege Violation on Specified Device	P14	G1:o		Yes [X] No []
G1h	Invalid Forwarding Destination	P14	G1:o		Yes [X] No []
G1i	Privilege Violation on Called Device	P14	G1:o		Yes [X] No []
G1j	Privilege Violation on Calling Device	P14	G1:o		Yes [X] No []
G1k	Invalid Call Identifier	P14	G1:o		Yes [X] No []
G1l	Invalid Device Identifier	P14	G1:o		Yes [X] No []
G1m	Invalid Connection Identifier	P14	G1:o		Yes [X] No []
G1n	Invalid Destination	P14	G1:o		Yes [X] No []
G1o	Invalid Feature	P14	G1:o		Yes [X] No []
G1p	Invalid Allocation State	P14	G1:o		Yes [X] No []
G1q	Invalid Cross Reference ID	P14	G1:o		Yes [X] No []
G1r	Invalid Object Type	P14	G1:o		Yes [X] No []
G1s	Security Violation	P14	G1:o		Yes [X] No []

State Incompatibility

Item	Error	Reference	Status	N/A	Supported?
G2	State Incompatibility category	S8.4.3 P14	o		Yes [X] No []
G2a	Generic	P14	G2:o		Yes [X] No []
G2b	Incorrect Object State	P14	G2:o		Yes [X] No []
G2c	Invalid Connection ID	P14	G2:o		Yes [X] No []
G2d	No Active Call	P14	G2:o		Yes [X] No []
G2e	No Held Call	P14	G2:o		Yes [X] No []
G2f	No Call to Clear	P14	G2:o		Yes [X] No []
G2g	No Connection to Clear	P14	G2:o		Yes [X] No []
G2h	No Call to Answer	P14	G2:o		Yes [X] No []
G2i	No Call to Complete	P14	G2:o		Yes [X] No []

System Resource Availability Errors

Item	Error	Reference	Status	N/A	Supported?
G3	System Resource Availability Errors category	S8.4.4 P14	o		Yes [X] No []
G3a	Generic	P14	G3:o		Yes [X] No []
G3b	Service Busy	P14	G3:o		Yes [X] No []
G3c	Resource Busy	P14	G3:o		Yes [X] No []
G3d	Resource Out of Service	P14	G3:o		Yes [X] No []
G3e	Network Busy	P14	G3:o		Yes [X] No []
G3f	Network Out of Service	P14	G3:o		Yes [X] No []
G3g	Overall Monitor Limit Exceeded	P14	G3:o		Yes [X] No []
G3h	Conference Member Limit Exceeded	P14	G3:o		Yes [X] No []

Subscribed Resource Availability Errors

Item	Error	Reference	Status	N/A	Supported?
G4	Subscribed Resource Availability Errors category	S8.4.5 P14	o		Yes [X] No []
G4a	Generic	P14	G4:o		Yes [X] No []
G4b	Object Monitor Limit Exceeded	P14	G4:o		Yes [X] No []
G4c	External Trunk Limit Exceeded	P14	G4:o		Yes [X] No []
G4d	Outstanding Request Limit Exceeded	P14	G4:o		Yes [X] No []

Performance Errors

Item	Error	Reference	Status	N/A	Supported?
G5	Performance Errors category	S8.4.6 P14	o		Yes [X] No []
G5a	Generic	P14	G5:o		Yes [X] No []
G5b	Performance Limit Exceeded	P14	G5:o		Yes [X] No []

A.13 CSTA Data Types

Item	Data Type	Reference	Status	N/A	Supported?
H1	Dynamic Device IDs	S6.1.1 P16.3	o		Yes [X] No []
H2	Extended Device IDs (choices follow)	S6.1.1 P16.2	m	[]	Yes [X]
H2a	Device Identifier	P16.2	H2:o1		Yes [X] No []
H2b	Implicit Public	P16.2	H2:o1		Yes [X] No []
H2c	Explicit Public	P16.2	H2:o1		Yes [X] No []
H2d	Implicit Private	P16.2	H2:o1		Yes [X] No []
H2e	Explicit Private	P16.2	H2:o1		Yes [X] No []
H2f	Other plan	P16.2	H2:o1		Yes [X] No []
H3	Device IDs (choices follow)	S6.1.1 P16.2	m	[]	Yes [X]
H3a	Number digits	P16.2	H3:o1		Yes [X] No []
H3b	Device number	P16.2	H3:o1		Yes [X] No []

A.14 Security

Item	Service / Feature	Reference	Status	N/A	Supported?
I1	Security option	S7 P7 P16.7	o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
I1a	Message Sequence Number	P16.7	I1:o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
I1b	Time Stamp	P16.7	I1:o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
I1c	Privilege Attribute Certificate (PAC)	P16.7	I1:o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
I1d	Seal	P16.7	I1:o		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>