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European Standard (Telecommunications series)

**Intelligent Network (IN);
Intelligent Network Application Protocol (INAP);
Capability Set 2 (CS2);
Part 2: Protocol Implementation Conformance
Statement (PICS) proforma specification**



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Contents

Intellectual Property Rights.....	5
Foreword	5
1 Scope.....	6
2 References.....	6
2.1 Normative references	6
2.2 Informative references	6
3 Definitions, symbols and abbreviations.....	7
3.1 Definitions	7
3.2 Symbols	7
3.3 Abbreviations.....	7
4 Conformance.....	8
Annex A (normative): PICS proforma for EN 300 140-1	9
A.1 Instructions for completing the PICS proforma.....	9
A.1.1 Identification of the implementation	9
A.1.2 Global statement of conformance	9
A.1.3 Explanation of PICS proforma subclauses.....	9
A.1.4 Symbols, abbreviations and terms.....	10
A.1.5 Guidelines for reading the PICS	10
A.2 Identification of the implementation.....	11
A.2.1 Date of the statement	11
A.2.2 Implementation Under Test (IUT) identification	11
A.2.3 System Under Test (SUT) identification.....	11
A.2.4 Product supplier	11
A.2.5 Client	12
A.2.6 PICS contact person.....	12
A.3 PICS/SCS relationship	13
A.4 Identification of the protocol	13
A.5 PICS proforma tables	13
A.5.1 Global statement of conformance	13
A.5.2 Physical entities	13
A.5.3 External interfaces	14
A.5.4 Application contexts supported.....	14
A.5.5 Operations supported	15
A.5.6 Supported Arguments, Results and Errors	16
A.5.6.1 ActivateServiceFiltering.....	16
A.5.6.2 ActivityTest.....	17
A.5.6.3 ApplyCharging	17
A.5.6.4 ApplyChargingReport	17
A.5.6.5 AssistRequestInstructions.....	18
A.5.6.6 CallGap	19
A.5.6.7 CallInformationReport	20
A.5.6.8 CallInformationRequest	21
A.5.6.9 Cancel.....	21
A.5.6.10 CollectInformation	22
A.5.6.11 Connect	23
A.5.6.12 ConnectToResource	24
A.5.6.13 Continue	25
A.5.6.14 ContinueWithArguments.....	25
A.5.6.15 CreateCallSegmentAssociation	26
A.5.6.16 DisconnectForwardConnection	26

A.5.6.17	DisconnectForwardConnectionWithArguments	27
A.5.6.18	DisconnectLeg	27
A.5.6.19	EntityReleased	28
A.5.6.20	EstablishTemporaryConnection	28
A.5.6.21	EventNotificationCharging	29
A.5.6.22	EventReportBCSM	30
A.5.6.23	FurnishChargingInformation	31
A.5.6.24	InitialDP	32
A.5.6.25	InitiateCallAttempt	34
A.5.6.26	ManageTriggerData	35
A.5.6.27	MergeCallSegments	35
A.5.6.28	MoveCallSegments	36
A.5.6.29	MoveLeg	36
A.5.6.30	PlayAnnouncement	37
A.5.6.31	PromptAndCollectUserInformation	39
A.5.6.32	PromptAndReceiveMessage	41
A.5.6.33	ReleaseCall	42
A.5.6.34	ReportUTSI	42
A.5.6.35	RequestNotificationChargingEvent	43
A.5.6.36	RequestReportBCSMEvent	43
A.5.6.37	RequestReportUTSI	44
A.5.6.38	ResetTimer	44
A.5.6.39	SendChargingInformation	45
A.5.6.40	SendSTUI	45
A.5.6.41	ServiceFilteringResponse	46
A.5.6.42	SpecialisedResourceReport	46
A.5.6.43	SplitLeg	46
A.5.7	Timers	48
A.5.8	RANGE CONSTANTS supported	50
History	52

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Foreword

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

The present document is part 2 of a multi-part standard covering the Intelligent Network Application Protocol (INAP) Capability Set 2 (CS2) as described below:

Part 1: "Protocol specification";

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

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

Part 4: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma";

Part 5: "Distributed Functional Plane (DFP)".

To evaluate conformance of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented for a given Open Systems Interconnection (OSI) protocol. Such a statement is called a Protocol Implementation Conformance Statement (PICS).

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

1 Scope

This second part of EN 301 140 is applicable to Intelligent Network Application Protocol (INAP) Capability Set 2 (CS2).

The present document provides the Protocol Implementation Conformance Statement (PICS) proforma for the Core INAP CS2 for the physical element SSP on the interface SSF/SRF-SCF in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [3]. The present document does *not* provide the PICS for the physical element SSP on the interface CUSF-SCF or for other physical elements of IN; these aspects will be addressed in a future version.

The supplier of a protocol implementation which is claimed to conform to EN 301 140-1 [1] is required to complete a copy of the PICS proforma provided in annex A of the present document and is required to provide the information necessary to identify both the supplier and the implementation.

2 References

References may be made to:

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

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

2.1 Normative references

- [1] EN 301 140-1 (V1.1): "Intelligent Network (IN); Intelligent Network Application Protocol (INAP); Capability Set 2; Part 1: Protocol specification".

2.2 Informative references

- [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, symbols and abbreviations

3.1 Definitions

The following definitions apply, in addition to those given in EN 301 140-1 [1]:

Protocol Implementation Conformance Statement (PICS): A statement made by the supplier of an Open Systems Interconnection (OSI) implementation or system, stating which capabilities have been implemented for a given OSI protocol (see ISO/IEC 9646-1 [2]).

PICS proforma: A document, in the form of a questionnaire, designed by the protocol specifier or conformance test suite specifier, which, when completed for an OSI implementation or system becomes the PICS (see ISO/IEC 9646-1 [2]).

static conformance review: A review of the extent to which the static conformance requirements are met by the IUT, accomplished by comparing the PICS with the static conformance requirements expressed in the relevant standard(s) (see ISO/IEC 9646-1 [2]).

3.2 Symbols

The following symbols apply:

AND	Boolean "and"
C	Conditional requirement (to be observed if the relevant conditions apply)
M	Mandatory requirement (to be observed in all cases)
N/A	Not applicable, not supported or the conditions for status are not meet
No	not supported
NOT	Boolean "not"
O	Option (may be selected to suit the implementation, provided that any requirements applicable to the option are observed)
O.n	Options, but support required for either at least one or only one of the options in the group labelled with the same numeral "n"
OR	Boolean "or"
Yes	supported

3.3 Abbreviations

The following abbreviations apply, in addition to those given in EN 301 140-1 [1]:

IUT	Implementation Under Test
MC	Major Capabilities
MR	Messages Received
MT	Messages Transmitted
OSI	Open Systems Interconnection
P	Parameters
PICS	Protocol Implementation Conformance Statement
R	Role
SC	Subsidiary Capabilities
SCS	System Conformance Statement
SUT	System Under Test
TM	Timers

4 Conformance

A PICS proforma which conforms to this PICS proforma specification shall be technically equivalent to annex A, and shall preserve the numbering and ordering of the items in annex A.

A PICS which conforms to this PICS proforma specification shall:

- a) describe an implementation which claims to conform to EN 301 140-1 [1];
- b) be a conforming ICS proforma which has been completed in accordance with the instructions for completion given in annex A, clause A.1;
- c) include the information necessary to uniquely identify both the supplier and the implementation.

Annex A (normative): PICS proforma for EN 300 140-1

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

A.1 Instructions for completing the PICS proforma

A.1.1 Identification of the implementation

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

The product supplier information and client information should both be filled in if they are different.

A person who can answer queries regarding information supplied in the PICS should be named as the contact person.

The System Conformance Statement (SCS) as defined in ISO/IEC 9646-1 [2] is a document supplied by the client or product supplier that summarizes which OSI standards are implemented and to which conformance is claimed. The PICS/SCS clause should describe the relationship of the PICS to the SCS.

A.1.2 Global statement of conformance

If the answer to the statement in this subclause is "Yes", all subsequent subclauses should be completed to facilitate selection of test cases for optional functions.

If the answer to the statement in this subclause is "No", all subsequent subclauses should be completed, and all non-supported mandatory capabilities should be identified and explained. Explanations may be entered in the comments field at the bottom of each table or on attached sheets of paper.

A.1.3 Explanation of PICS proforma subclauses

The PICS is subdivided into clauses for the following categories of information:

- instructions for reading the PICS Proforma;
- identification of the implementation;
- identification of the protocol;
- PICS Proforma tables:
 - global statement of conformance;
 - physical entity;
 - external interfaces;
 - application contexts;
 - operations;
 - arguments, results and errors;
 - timers;

- range constants;
- explicit statements about the implemented capabilities.

A.1.4 Symbols, abbreviations and terms

The PICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7 [3].

The reference column contained in the tables gives reference to the appropriate part(s) of EN 301 140-1 [1] (unless another numbered reference is explicitly indicated) describing the particular item. Note, however, that a reference merely indicates the place where the core of a description of an item can be found. Any additional information contained in EN 301 140-1 [1] (or any other cited reference) has to be taken into account when making a statement about the conformance of that particular item.

The following common notations, defined in ISO/IEC 9646-7 [3], are used for the status column:

M	mandatory
O	optional
N/A	not applicable
O.<integer>	for mutually exclusive or selectable options from a set
n/a	not applicable - in the given context the capability cannot be supported
x	prohibited (excluded) - there is a requirement not to use this capability in the given context
o.i	qualified optional - for mutually exclusive or selective options from a set. "i" is an integer which identifies a unique group of related optional items and the logic of their selection which is defined immediately following the table
c.i	conditional - the requirement on the capability depends on the support of other optional or conditional items. "i" is an integer identifying unique conditional status expression which is defined immediately following the table.

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

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

The values allowed column contains the values or the ranges of values allowed.

The values supported column contains the values or the ranges of values supported by the implementation.

A.1.5 Guidelines for reading the PICS

Optional items in EN 301 140-1 [1] are dealt with as follows:

- mandatory protocol items need to be supported by both operation invokers and responders;
- optional protocol items are optional for operation invokers, but mandatory for operation responders;
- network specific options are optional for both operation invokers and responders.

A.2 Identification of the implementation

A.2.1 Date of the statement

.....

A.2.2 Implementation Under Test (IUT) identification

IUT name:

.....

.....

IUT version:

.....

A.2.3 System Under Test (SUT) identification

SUT name:

.....

.....

Hardware configuration:

.....

.....

.....

Operating system:

.....

.....

A.2.4 Product supplier

Name:

.....

Address:

.....

.....

.....

Telephone number:

.....

Facsimile number:

.....

Additional information:

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

A.2.5 Client

Name:

.....

Address:

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

Telephone number:

.....

Facsimile number:

.....

Additional information:

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

A.2.6 PICS contact person

Name:

.....

Address:

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

Telephone number:

.....

Facsimile number:

.....

Additional information:

.....

.....

.....

A.3 PICS/SCS relationship

Provide the relationship of the PICS with the SCS for the system:

.....

.....

.....

.....

A.4 Identification of the protocol

This PICS proforma applies to the following standard:

EN 301 140-1 (V1.1): "Intelligent Network (IN); Intelligent Network Application Protocol (INAP); Capability Set 2; Part 1: Protocol specification".

A.5 PICS proforma tables

A.5.1 Global statement of conformance

Are all mandatory capabilities implemented? (Yes/No)

NOTE: Answering "No" to this question indicates non-conformance to the protocol specification. Non-supported mandatory capabilities are to be identified in the PICS, with an explanation of why the implementation is non-conforming. Explanations may be entered in the comments field at the bottom of each table or on attached pages.

A.5.2 Physical entities

Table A.1: Physical entities

Item	Name	Reference	Status	Support
1.1	SCP	3.1.2	o.1	N
1.2	SSP	3.1.2	o.1	Y
1.3	IP	3.1.2	o.1	N

o.1: only one of these items shall be supported per completed PICS response.

Table A.2 Capabilities

Item	Name	Reference	Status	Support
2.1	SSF-SRF-Relay-function	13.5.1.	O	Y
2.2	Assisting-SSP-capability	13.5.1 (note)	O	Y
NOTE: See cases iii) and v) in figure 13-4 in EN 301 140-1 [1].				

A.5.3 External interfaces

Table A.3: External interfaces

Item	Name	Reference	Status	Support
3.1	SCF - SSF	(note)	M	Y
3.2	SCF - SRF	(note)	n/a	
NOTE: The table assumes that the indicated external interfaces are between physical entities.				

A.5.4 Application contexts supported

Table A.4: Application contexts

Item	Name	Ref.	Initiator		Responder	
			Status	Support	Status	Support
4.1	ETSI-INAP-CS2-SSF-to-SCF-Generic-AC	5.2	M	Y	n/a	
4.2	ETSI-INAP-CS2-assist-handoff-SSF-to-SCF-AC	5.2	M	Y	n/a	
4.3	ETSI-INAP-CS2-SSF-to-SCF-service-management-AC	5.2	M	Y	n/a	
4.4	ETSI-INAP-CS2-SCF-to-SSF-Generic-AC	5.2	n/a		M	Y
4.5	ETSI-INAP-CS2-SCF-to-SSF-traffic-management-AC	5.2	n/a		M	Y
4.6	ETSI-INAP-CS2-SCF-to-SSF-service-management-AC	5.2	n/a		M	Y
4.7	ETSI-INAP-CS2-SCF-to-SSF-trigger-management-AC	5.2	n/a		O	Y
4.8	ETSI-INAP-CS2-IP-to-SCP-AC	4.2	n/a		n/a	

A.5.5 Operations supported

Table A.5: ASEs

Item	Name (opcode)	Ref.	Invoke-Request		Invoke-Indication	
			Status	Support	Status	Support
5.1	activateServiceFiltering (42)	4,5,17	n/a		M	Y
5.2	activityTest (55)	4,5,17	n/a		M	Y
5.3	applyCharging (35)	4,5,17	n/a		O	Y
5.4	applyChargingReport (36)	4,5,17	O	Y	n/a	
5.5	assistRequestInstructions (16)	4,5,17	M	Y	n/a	
5.6	callGap (41)	4,5,17	n/a		M	Y
5.7	callInformationReport (44)	4,5,17	M	Y	n/a	
5.8	callInformationRequest (45)	4,5,17	n/a		M	Y
5.9	cancel (53)	4,5,17	n/a		M	Y
5.10	collectInformation (27)	4,5,17	n/a		M	Y
5.11	connect (20)	4,5,17	n/a		M	Y
5.12	connectToResource (19)	4,6,17	n/a		M	Y
5.13	continue (31)	4,5,17	n/a		M	Y
5.14	continueWithArguments (88)	4,5,17	n/a		M	Y
5.15	createCallSegmentAssociation (89)	4,5,17	n/a		O	Y
5.16	disconnectForwardConnection (18)	4,5,17	n/a		M	Y
5.17	dFCWithArgument (86)	4,5,17	n/a		M	Y
5.18	disconnectLeg (90)	4,5,17	n/a		M	Y
5.19	entityReleased (96)	4,5,17	M	Y	n/a	
5.20	establishTemporaryConnection (17)	4,5,17	n/a		M	Y
5.21	eventNotificationCharging (26)	4,5,17	O	Y	n/a	
5.22	eventReportBCSM (24)	4,5,17	M	Y	n/a	
5.23	furnishChargingInformation (34)	4,5,17	n/a		O	Y
5.24	initialDP (0)	4,5,17	M	Y	n/a	
5.25	initiateCallAttempt (32)	4,5,17	n/a		M	Y
5.26	manageTriggerData (97)	4,5,17	n/a		M	Y
5.27	mergeCallSegments (91)	4,5,17	n/a		M	Y
5.28	moveCallSegments (92)	4,5,17	n/a		M	Y
5.29	moveLeg (93)	4,5,17	n/a		M	Y
5.30	releaseCall (22)	4,5,17	n/a		M	Y
5.31	reportUTSI (101)	4,5,17	O	Y	n/a	
5.32	requestNotificationChargingEvent (25)	4,5,17	n/a		O	Y
5.33	requestReportBCSMEvent (23)	4,5,17	n/a		M	Y
5.34	requestReportUTSI (98)	4,5,17	n/a		O	Y
5.35	resetTimer (33)	4,5,17	n/a		M	Y
5.36	sendChargingInformation (46)	4,5,17	n/a		O	Y
5.37	sendSTUI (100)	4,5,17	n/a		O	Y
5.38	serviceFilteringResponse (43)	4,5,17	M	Y	n/a	
5.39	splitLeg (95)	4,5,17	n/a		M	Y
5.40	playAnnouncement (47)	4,6,17	n/a		M	Y
5.41	promptAndCollectUserInfo (48)	4,6,17	n/a		M	Y
5.42	promptAndReceiveMessage (107)	4,6,17	n/a		O	Y
5.43	scriptClose (111)	4,6,17	n/a		O	N
5.44	scriptEvent (109)	4,6,17	O	N	n/a	
5.45	scriptInformation (108)	4,6,17	n/a		O	N
5.46	scriptRun (110)	4,6,17	n/a		O	N
5.47	specializedResourceReport (49)	4,6,17	M	Y	n/a	

NOTE: This table contains responses (Yes/No) towards the status column. This should not be part of the official PICS proforma but only indicates that if an operation is not supported the subclause A.5.6. should not contain the table for that operation. The SRF script related operation are chosen for that purpose because there are no changes for these operations versus ITU-T.

A.5.6 Supported Arguments, Results and Errors

A.5.6.1 ActivateServiceFiltering

Table A.6: ActivateServiceFiltering invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
6.1	filteredCallTreatment	4.1	M			
6.2	. sfBillingChargingCharacteristics	4.1	M			
6.3	. informationToSend	4.1	M			
6.4	.. inbandInfo	4.1	o.1			
6.5	... messageID	4.1	c:M			
6.6	.... ElementaryMessageID	4.1	o.2		0..2 ³¹ -1	
6.7	.... Text	4.1	o.2			
6.8	..... messageContent	4.1	c:M			
6.9	..... attributes	4.1	c:O			
6.10	.... ElementaryMessageIDs	4.1	o.2		1..5	
6.11	.... VariableMessage	4.1	o.2			
6.12	.... elementaryMessageID	4.1	c:M		0..2 ³¹ -1	
6.13	.... variableParts	4.1	c:M		1..5	
6.14	..... integer	4.1	o.3		0..2 ³¹ -1	
6.15	..... number	4.1	o.3			
6.16	..... time	4.1	o.3			
6.17	..... date	4.1	o.3			
6.18	..... price	4.1	o.3			
6.19	... numberOfRepetitions	4.1	c:M		1..127	
6.20	... duration	4.1	c:M		0..2 ¹⁵ -1	
6.21	... interval	4.1	c:M		0..2 ¹⁵ -1	
6.22	.. tone	4.1	o.1			
6.23	... toneID	4.1	c:M		0..2 ³¹ -1	
6.24	... duration	4.1	c:M		0..2 ³¹ -1	
6.25	.. displayInformation	4.1	o.1			
6.26	. maximumNumberOfCounters	4.1	M		1..100	
6.27	. releaseCause	4.1	M			
6.28	. sFTariffMessage (note)		O			
6.29	.. chargingTariffInformation		O			
6.30	filteringCharacteristics	4.1	M			
6.31	. interval	4.1	M		-1..32000	
6.32	. numberOfCalls	4.1	M		0..2 ³¹ -1	
6.33	filteringTimeOut	4.1	M			
6.34	. duration	4.1	M		-2..86400	
6.35	. stopTime	4.1	M			
6.36	filteringCriteria	4.1	M			
6.37	. serviceKey	4.1	o.6		0..2 ³¹ -1	
6.38	. addressAndService	4.1	o.6			
6.39	.. calledAddressValue	4.1	c:M			
6.40	.. serviceKey	4.1	c:M		0..2 ³¹ -1	
6.41	.. callingAddressValue	4.1	c:M			
6.42	.. locationNumber	4.1	c:O			
6.43	startTime	4.1	M			
6.44	extensions	4.1	O			
6.45	. type	4.1	c:M			
6.46	. criticality	4.1	c:M			
6.47	. value	4.1	c:M			

Table A.7: ActivateServiceFiltering errors

Item	Name	Ref.	Status	Support
7.1	missingParameter	4.2	O	
7.2	parameterOutOfRange	4.2	O	
7.3	systemFailure	4.2	O	
7.4	taskRefused	4.2	O	
7.5	unexpectedComponentSequence	4.2	O	
7.6	unexpectedParameter	4.2	O	

A.5.6.2 ActivityTest

For the operation ActivityTest there are no invocation arguments, no result arguments and no errors.

A.5.6.3 ApplyCharging

Table A.8: ApplyCharging invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
8.1	achBillingChargingCharacteristics	4.1	M			
8.2	partyToCharge	4.1	M			
8.3	. sendingSideID	4.1	M			
8.4	. receivingSideID	4.1	n/a			
8.5	extensions	4.1	O			
8.6	. type	4.1	c:M			
8.7	. criticality	4.1	c:M			
8.8	. value	4.1	c:M			

Table A.9: ApplyCharging errors

Item	Name	Ref.	Status	Support
9.1	missingParameter	4.2	O	
9.2	unexpectedComponentSequence	4.2	O	
9.3	unexpectedParameter	4.2	O	
9.4	unexpectedDataValue	4.2	O	
9.5	parameterOutOfRange	4.2	O	
9.6	systemFailure	4.2	O	
9.7	taskRefused	4.2	O	
9.8	unknownLegID	4.2	O	

A.5.6.4 ApplyChargingReport

Table A.10: ApplyChargingReport invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
10.1	callResult	4.1	M			

Table A.11: ApplyChargingReport errors

Item	Name	Ref.	Status	Support
11.1	missingParameter	4.2	M	
11.2	unexpectedComponentSequence	4.2	M	
11.3	unexpectedParameter	4.2	M	
11.4	unexpectedDataValue	4.2	M	
11.5	parameterOutOfRange	4.2	M	
11.6	systemFailure	4.2	M	
11.7	taskRefused	4.2	M	

A.5.6.5 AssistRequestInstructions

Table A.12: AssistRequestInstructions invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
12.1	correlationID	4.1	M			
12.2	iPAvailable	4.1	O			
12.3	iPSSPCapabilities	4.1	O			
12.4	extensions	4.1	O			
12.5	. type	4.1	c:M			
12.6	. criticality	4.1	c:M			
12.7	. value	4.1	c:M			

Table A.13: AssistRequestInstructions errors

Item	Name	Ref.	Status	Support
13.1	missingCustomerRecord	4.2	M	
13.2	missingParameter	4.2	M	
13.3	systemFailure	4.2	M	
13.4	taskRefused	4.2	M	
13.5	unexpectedComponentSequence	4.2	M	
13.6	unexpectedDataValue	4.2	M	
13.7	unexpectedParameter	4.2	M	

A.5.6.6 CallGap

Table A.14: CallGap invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
14.1	gapCriteria	4.1	M			
14.2	. calledAddressValue	4.1	o:2			
14.3	. gapOnService	4.1	o:2			
14.4	.. serviceKey	4.1	c:M		0..2 ³¹ -1	
14.5	. gapAllInTraffic	4.1	o:2			
14.6	. calledAddressAndService	4.1	o:2			
14.7	.. calledAddressValue	4.1	c:M			
14.8	.. serviceKey	4.1	c:M		0..2 ³¹ -1	
14.9	. callingAddressAndService	4.1	o:2			
14.10	.. callingAddressValue	4.1	c:M			
14.11	.. serviceKey	4.1	c:M		0..2 ³¹ -1	
14.12	.. locationNumber	4.1	c:O			
14.13	gapIndicators	4.1	M			
14.14	. duration	4.1	M		-2..86400	
14.15	. gapInterval	4.1	M		-1..60000	
14.16	controlType	4.1	O		0, 1, 2	
14.17	gapTreatment	4.1	O			
14.18	. informationToSend	4.1	C:M			
14.19	.. inbandInfo	4.1	o:5			
14.20	... messageID	4.1	c:M			
14.21	.... elementaryMessageID	4.1	o:7		0..2 ³¹ -1	
14.22	..... text	4.1	o:7			
14.23	..... messageContent	4.1	c:M			
14.24	..... attributes	4.1	c:O			
14.25	.... elementaryMessageIDs	4.1	o:7			
14.26	.... variableMessage	4.1	o:7			
14.27	..... elementaryMessageID	4.1	c:M		0..2 ³¹ -1	
14.28	..... variableParts	4.1	c:M		1..5	
14.29	..... integer	4.1	o:6		0..2 ³¹ -1	
14.30	..... number	4.1	o:6			
14.31	..... time	4.1	o:6			
14.32	..... date	4.1	o:6			
14.33	..... price	4.1	o:6			
14.34	... numberOfRepetitions	4.1	c:M		1..127	
14.35	... duration	4.1	c:M		0..2 ¹⁵ -1	
14.36	... interval	4.1	c:M		0..2 ¹⁵ -1	
14.37	.. tone	4.1	o:5			
14.38	... toneID	4.1	c:M		0..2 ³¹ -1	
14.39	... duration	4.1	c:M		0..2 ³¹ -1	
14.40	.. displayInformation	4.1	o:5			
14.41	. releaseCause	4.1	c:M			
14.42	. both	4.1	c:M			
14.43	.. informationToSend	4.1	c:M			
14.44	... inbandInfo	4.1	o:5			
14.45	.... messageID	4.1	c:M			
14.46	..... elementaryMessageID	4.1	o:7		0..2 ³¹ -1	
14.47	..... text	4.1	o:7			
14.48	..... messageContent	4.1	c:M			
14.49	..... attributes	4.1	c:O			
14.50	.... elementaryMessageIDs	4.1	o:7			
14.51	.... variableMessage	4.1	o:7			
14.52	..... elementaryMessageID	4.1	c:M		0..2 ³¹ -1	
14.53	..... variableParts	4.1	c:M		1..5	
14.54	..... integer	4.1	o:6		0..2 ³¹ -1	
14.55	..... number	4.1	o:6			

(continued)

Table A.14 (concluded): CallGap invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
14.56	..... time	4.1	o.6			
14.57	..... date	4.1	o.6			
14.58	..... price	4.1	o.6			
14.59	.... numberOfRepetitions	4.1	c:M		1..127	
14.60	.... duration	4.1	c:M		0..2 ¹⁵ -1	
14.61	.... interval	4.1	c:M		0..2 ¹⁵ -1	
14.62	... tone	4.1	o.5			
14.63	.... toneID	4.1	c:M		0..2 ³¹ -1	
14.64	.... duration	4.1	c:M		0..2 ³¹ -1	
14.65	... displayInformation	4.1	o.5			
14.66	.. releaseCause	4.1	c:M			
14.67	extensions	4.1	O			
14.68	. type	4.1	c:M			
14.69	. criticality	4.1	c:M			
14.70	. value	4.1	c:M			

A.5.6.7 CallInformationReport

Table A.15: CallInformationReport invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
15.1	requestedInformationList	4.1(note)	M			
15.2	. requestedInformationType	4.1	M (note)		0..3, 30	
15.3	. requestedInformationValue	4.1	M			
15.4	.. callAttemptElapsedTimeValue	4.1	o.1		0..255	
15.5	.. callStopTimeValue	4.1	o.1			
15.6	.. callConnectedElapsedTimeValue	4.1	o.1		0..2 ³¹ -1	
15.7	.. calledAddressValue	4.1	o.1			
15.8	.. releaseCauseValue	4.1	o.1			
15.9	correlationID	4.1	O			
15.10	extensions	4.1	O			
15.11	. type	4.1	c:M			
15.12	. criticality	4.1	c:M			
15.13	. value	4.1	c:M			
15.14	legID	4.1	O			
15.15	. sendingSideID	4.1	n/a			
15.16	. receivingSideID	4.1	M			
15.17	lastEventIndicator	4.1	O			

NOTE: As CallInformationReport is the response to a previous CallInformationRequest, the CallInformationReport shall support all possible values of requestedInformationList.

A.5.6.8 CallInformationRequest

Table A.16: CallInformationRequest invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
16.1	requestedInformationTypeList	4.1	M		0..3, 30	
16.2	correlationID	4.1	O			
16.3	extensions	4.1	O			
16.4	. type	4.1	c:M			
16.5	. criticality	4.1	c:M			
16.6	. value	4.1	c:M			
16.7	legID	4.1	O			
16.8	. sendingSideID	4.1	M			
16.9	. receivingSideID	4.1	n/a			

Table A.17: CallInformationRequest errors

Item	Name	Ref.	Status	Support
17.1	missingParameter	4.2	O	
17.2	parameterOutOfRange	4.2	O	
17.3	requestedInfoError	4.2	O	
17.4	systemFailure	4.2	O	
17.5	taskRefused	4.2	O	
17.6	unexpectedComponentSequence	4.2	O	
17.7	unexpectedDataValue	4.2	O	
17.8	unexpectedParameter	4.2	O	
17.9	unknownLegID	4.2	O	

A.5.6.9 Cancel

Table A.18: Cancel invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
18.1	invokeID	4.1	M		-128..127	
18.2	allRequests	4.1	M			
18.3	callSegmentToCancel	4.1	M			
18.4	. invokeID	4.1	M		-128..127	
18.5	. callSegmentID	4.1	M			
18.6	extensions	4.1	O			
18.7	. type	4.1	c:M			
18.8	. criticality	4.1	c:M			
18.9	. value	4.1	c:M			

Table A.19: Cancel errors

Item	Name	Ref.	Status	Support
19.1	cancelFailed	4.2	M	
19.2	missingParameter	4.2	M	
19.3	taskRefused	4.2	M	

A.5.6.10 CollectInformation

Table A.20: CollectInformation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
20.1	extensions	4.1	O			
20.2	. type	4.1	c:M			
20.3	. criticality	4.1	c:M			
20.4	. value	4.1	c:M			

Table A.21: CollectInformation errors

Item	Name	Ref.	Status	Support
21.1	missingParameter	4.2	O	
21.2	systemFailure	4.2	O	
21.3	taskRefused	4.2	O	
21.4	unexpectedComponentSequence	4.2	O	
21.5	unexpectedDataValue	4.2	O	
21.6	unexpectedParameter	4.2	O	

A.5.6.11 Connect

Table A.22: Connect invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
22.1	destinationRoutingAddress		M			
22.2	alertingPattern	4.1	M			
22.3	correlationID	4.1	M			
22.4	cutAndPaste	4.1	M		0..22	
22.5	iSDNAccessRelatedInformation	4.1	O			
22.6	originalCalledPartyID	4.1	M			
22.7	routeList	4.1	O			
22.8	scfID	4.1	M			
22.9	extensions	4.1	O			
22.10	. type	4.1	c:M			
22.11	. criticality	4.1	c:M			
22.12	. value	4.1	c:M			
22.13	carrier	4.1	O			
22.14	serviceInteractionIndicators	4.1	O			
22.15	callingPartyNumber	4.1	M			
22.16	callingPartysCategory	4.1	M			
22.17	redirectingPartyID	4.1	M			
22.18	redirectionInformation	4.1	M			
22.19	displayInformation	4.1	M			
22.20	forwardCallIndicators	4.1	M			
22.21	genericNumbers	4.1	M			
22.22	serviceInteractionIndicatorsTwo	4.1	M			
22.23	. forwardServiceInteractionInd	4.1	O			
22.24	.. conferenceTreatmentIndicator	4.1	O			
22.25	.. callDiversionTreatmentIndicator	4.1	O			
22.26	.. callOfferingTreatmentIndicator	4.1	O			
22.27	.. callingPartyRestrictionIndicator	4.1	O			
22.28	. backwardServiceInteractionInd	4.1	O			
22.29	.. conferenceTreatmentIndicator	4.1	O			
22.30	.. callCompletionTreatmentIndicator	4.1	O			
22.31	. bothwayThroughConnectionInd	4.1	n/a			
22.32	. suspendTimer	4.1	O		-1..120	
22.33	. connectedNumberTreatmentInd	4.1	O		0, 1, 2, 3	
22.34	. suppressCallDiversionNotification	4.1	O			
22.35	. suppressCallTransferNotification	4.1	O			
22.36	. allowCdInNoPresentationInd	4.1	O			
22.37	. userDialogueDurationInd	4.1	n/a			
22.38	iNServiceCompatibilityResponse	4.1	O			
22.39	. agreements	4.1	c:M			
22.40	. networkSpecific	4.1	c:M			
22.41	forwardGVNS	4.1	O			
22.42	backwardGVNS	4.1	O			
22.43	callSegmentID	4.1	M			
22.44	legToBeCreated	4.1	M			
22.45	locationNumber		O			
22.46	bearerCapability		O			
22.47	. bearerCap		c:M			
22.48	. tmr		c:O			
22.49	suppressionOfAnnouncement		O			
22.50	oCSIApplicable		O			

Table A.23: Connect errors

Item	Name	Ref.	Status	Support
23.1	missingParameter	4.2	O	
23.2	parameterOutOfRange	4.2	O	
23.3	systemFailure	4.2	O	
23.4	taskRefused	4.2	O	
23.5	unexpectedComponentSequence	4.2	O	
23.6	unexpectedDataValue	4.2	O	
23.7	unexpectedParameter	4.2	O	

A.5.6.12 ConnectToResource

Table A.24: ConnectToResource invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
24.1	resourceAddress	4.1	M			
24.2	. iPRoutingAddress	4.1	M			
24.3	. legID	4.1	M			
24.4	.. sendingSideID	4.1	M			
24.5	.. receivingSideID	4.1	n/a			
24.6	. iPAddressAndLegID	4.1	M			
24.7	.. iPRoutingAddress	4.1	M			
24.8	.. legID	4.1	M			
24.9	... sendingSideID	4.1	M			
24.10	... receivingSideID	4.1	n/a			
24.11	. none	4.1	M			
24.12	. callSegmentID	4.1	M			
24.13	. iPAddressAndCallSegment	4.1	M			
24.14	.. iPRoutingAddress	4.1	M			
24.15	.. callSegmentID	4.1	M			
24.16	extensions	4.1	O			
24.17	. type	4.1	c:M			
24.18	. criticality	4.1	c:M			
24.19	. value	4.1	c:M			
24.20	serviceInteractionIndicators	4.1	O			
24.21	serviceInteractionIndicatorsTwo	4.1	M			
24.22	. forwardServiceInteractionInd	4.1	n/a			
24.23	.. conferenceTreatmentIndicator	4.1	n/a			
24.24	.. callDiversionTreatmentIndicator	4.1	n/a			
24.25	.. callOfferingTreatmentIndicator	4.1	n/a			
24.26	.. callingPartyRestrictionIndicator	4.1	n/a			
24.27	. backwardServiceInteractionInd	4.1	O			
24.28	.. conferenceTreatmentIndicator	4.1	O			
24.29	.. callCompletionTreatmentIndicator	4.1	O			
24.30	. bothWayThroughConnectionInd	4.1	M			
24.31	. suspendTimer	4.1	n/a			
24.32	. connectedNumberTreatmentInd	4.1	O		0, 1, 2, 3	
24.33	. suppressCallDiversionNotification	4.1	n/a			
24.34	. suppressCallTransferNotification	4.1	n/a			
24.35	. allowCdINNoPresentationInd	4.1	n/a			
24.36	. userDialogueDurationInd	4.1	O			

Table A.25: ConnectToResource errors

Item	Name	Ref.	Status	Support
25.1	missingParameter	4.2	O	
25.2	systemFailure	4.2	O	
25.3	taskRefused	4.2	O	
25.4	unexpectedComponentSequence	4.2	O	
25.5	unexpectedDataValue	4.2	O	
25.6	unexpectedParameter	4.2	O	
25.7	unknownLegID	4.2	O	

A.5.6.13 Continue

For the operation Continue there are no invocation arguments, no results and no errors.

A.5.6.14 ContinueWithArguments

Table A.26: ContinueWithArguments arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
26.1	legID	4.1	M			
26.2	. sendingSideID	4.1	M			
26.3	. receivingSideID	4.1	n/a			
26.4	. callSegmentID	4.1	O			
26.5	alertingPattern	4.1	M			
26.6	genericName	4.1	M			
26.7	iNServiceCompatibilityResponse	4.1	O			
26.8	. agreements	4.1	c:M			
26.9	. networkSpecific	4.1	c:M			
26.10	forwardGVNS	4.1	O			
26.11	backwardGVNS	4.1	O			
26.12	extensions	4.1	O			
26.13	. type	4.1	c:M			
26.14	. criticality	4.1	c:M			
26.15	. value	4.1	c:M			
26.16	serviceInteractionIndicatorsTwo	4.1	M			
26.17	. forwardServiceInteractionInd	4.1	O			
26.18	.. conferenceTreatmentIndicator	4.1	O			
26.19	.. callDiversionTreatmentIndicator	4.1	O			
26.20	.. callOfferingTreatmentIndicator	4.1	O			
26.21	.. callingPartyRestrictionIndicator	4.1	O			
26.22	. backwardServiceInteractionInd	4.1	O			
26.23	.. conferenceTreatmentIndicator	4.1	O			
26.24	.. callCompletionTreatmentIndicator	4.1	O			
26.25	. bothWayThroughConnectionInd	4.1	n/a			
26.26	. suspendTimer	4.1	O			-1..120
26.27	. connectedNumberTreatmentInd	4.1	O			0, 1, 2, 3
26.28	. suppressCallDiversionNotification	4.1	O			
26.29	. suppressCallTransferNotification	4.1	O			
26.30	. allowCdINNoPresentationInd	4.1	O			
26.31	. userDialogueDurationInd	4.1	n/a			
26.32	locationNumber	4.1	O			

Table A.27: ContinueWithArguments errors

Item	Name	Ref.	Status	Support
27.1	missingParameter	4.2	O	
27.2	unexpectedComponentSequence	4.2	O	
27.3	unexpectedDataValue	4.2	O	
27.4	unexpectedParameter	4.2	O	
27.5	unknownLegID	4.2	O	

A.5.6.15 CreateCallSegmentAssociation

Table A.28: CreateCallSegmentAssociation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
28.1	extensions	4.1	O			
28.2	. type	4.1	c:M			
28.3	. criticality	4.1	c:M			
28.4	. value	4.1	c:M			

Table A.29: CreateCallSegmentAssociation results

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
29.1	newCallSegmentAssociation	4.1	M			
29.1	extensions	4.1	O			
29.2	. type	4.1	c:M			
29.3	. criticality	4.1	c:M			
29.4	. value	4.1	c:M			

Table A.30: CreateCallSegmentAssociation errors

Item	Name	Ref.	Status	Support
30.1	missingParameter	4.2	O	
30.2	systemFailure	4.2	O	
30.3	taskRefused	4.2	O	
30.4	unexpectedComponentSequence	4.2	O	
30.5	unexpectedDataValue	4.2	O	
30.6	unexpectedParameter	4.2	O	

A.5.6.16 DisconnectForwardConnection

Table A.31: DisconnectForwardConnection errors

Item	Name	Ref.	Status	Support
31.1	systemFailure	4.2	O	
31.2	taskRefused	4.2	O	
31.3	unexpectedComponentSequence	4.2	O	

A.5.6.17 DisconnectForwardConnectionWithArguments

Table A.32: DisconnectForwardConnectionWithArguments invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
32.1	partyToDisconnect	4.1	M			
32.2	. legID	4.1	M			
32.3	.. sendingSideID	4.1	M			
32.4	.. receivingSideID	4.1	n/a			
32.5	. callSegmentID	4.1	M			
32.6	extensions	4.1	O			
32.7	. type	4.1	c:M			
32.8	. criticality	4.1	c:M			
32.9	. value	4.1	c:M			

Table A.33: DisconnectForwardConnectionWithArguments errors

Item	Name	Ref.	Status	Support
33.1	missingParameter	4.2	O	
33.2	systemFailure	4.2	O	
33.3	taskRefused	4.2	O	
33.4	unexpectedComponentSequence	4.2	O	
33.5	unexpectedDataValue	4.2	O	
33.6	unexpectedParameter	4.2	O	
33.7	unknownLegID	4.2	O	

A.5.6.18 DisconnectLeg

Table A.34: DisconnectLeg arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
34.1	legToBeReleased	4.1	M			
34.2	. sendingSideID	4.1	M			
34.3	. receivingSideID	4.1	n/a			
34.4	releaseCause	4.1	M			
34.5	extensions	4.1	O			
34.6	. type	4.1	c:M			
34.7	. criticality	4.1	c:M			
34.8	. value	4.1	c:M			

Table A.35: DisconnectLeg errors

Item	Name	Ref.	Status	Support
35.1	missingParameter	4.2	O	
35.2	systemFailure	4.2	O	
35.3	taskRefused	4.2	O	
35.4	unexpectedComponentSequence	4.2	O	
35.5	unexpectedDataValue	4.2	O	
35.6	unexpectedParameter	4.2	O	
35.7	unknownLegID	4.2	O	

A.5.6.19 EntityReleased

Table A.36: EntityReleased arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
36.1	cSFailure	4.1	M			
36.2	. callSegmentID	4.1	M			
36.3	. reason	4.1	O			
36.4	. cause	4.1	M			
36.5	bCSMFailure	4.1	M			
36.6	. legID	4.1	M			
36.7	.. sendingSidID	4.1	n/a			
36.8	.. receivingSidID	4.1	M			
36.9	. reason	4.1	O			
36.10	. cause	4.1	M			

A.5.6.20 EstablishTemporaryConnection

Table A.37: EstablishTemporaryConnection invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
37.1	assistingSSIPRoutingAddress	4.1	M			
37.2	correlationID	4.1	M			
37.3	partyToConnect	4.1	M			
37.4	. legID	4.1	M			
37.5	.. sendingSidID	4.1	M			
37.6	.. receivingSidID	4.1	n/a			
37.7	. callSegmentID	4.1	M			
37.8	scfID	4.1	M			
37.9	extensions	4.1	O			
37.10	. type	4.1	c:M			
37.11	. criticality	4.1	c:M			
37.12	. value	4.1	c:M			
37.13	serviceInteractionIndicators	4.1	O			
37.14	serviceInteractionIndicatorsTwo	4.1	M			
37.15	. forwardServiceInteractionInd	4.1	n/a			
37.16	.. conferenceTreatmentIndicator	4.1	n/a			
37.17	.. callDiversionTreatmentIndicator	4.1	n/a			
37.18	.. callOfferingTreatmentIndicator	4.1	n/a			
37.19	.. callingPartyRestrictionIndicator	4.1	n/a			
37.20	. backwardServiceInteractionInd	4.1	O			
37.21	.. conferenceTreatmentIndicator	4.1	O			
37.22	.. callCompletionTreatmentIndicator	4.1	O			
37.23	. bothwayThroughConnectionInd	4.1	M			
37.24	. suspendTimer	4.1	n/a			
37.25	. connectedNumberTreatmentInd	4.1	O		0, 1, 2, 3	
37.26	. suppressCallDiversionNotification	4.1	n/a			
37.27	. suppressCallTransferNotification	4.1	n/a			
37.28	. allowCdINNoPresentationInd	4.1	n/a			
37.29	. userDialogueDurationInd	4.1	O			

Table A.38: EstablishTemporaryConnection errors

Item	Name	Ref.	Status	Support
38.1	eTCFailed	4.2	O	
38.2	missingParameter	4.2	O	
38.3	systemFailure	4.2	O	
38.4	taskRefused	4.2	O	
38.5	unexpectedComponentSequence	4.2	O	
38.6	unexpectedDataValue	4.2	O	
38.7	unexpectedParameter	4.2	O	
38.8	unknownLegID	4.2	O	

A.5.6.21 EventNotificationCharging

Table A.39: EventNotificationCharging invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
39.1	eventTypeCharging	4.1	M			
39.2	eventSpecificInformationCharging	4.1	O			
39.3	legID	4.1	M			
39.4	. sendingSideID	4.1	n/a			
39.5	. receivingSideID	4.1	M			
39.6	extensions	4.1	O			
39.7	. type	4.1	c:M			
39.8	. criticality	4.1	c:M			
39.9	. value	4.1	c:M			
39.10	eventTypeTariff (note)		O		0, 1, 2, 3	
39.11	eventSpecificInformationTariff (note)		O			
39.12	monitorMode	4.1	O		0, 1, 2	

A.5.6.22 EventReportBCSM

Table A.40: EventReportBCSM invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
40.1	eventTypeBCSM	4.1	M		2-10, 13-21, 24-27, 50-51	
40.2	bcsmEventCorrelationID	4.1	O			
40.3	eventSpecificInformationBCSM	4.1	M			
40.4	. collectedInfoSpecificInfo	4.1	M			
40.5	.. calledPartyNumber	4.1	M			
40.6	. analysedInfoSpecificInfo	4.1	M			
40.7	.. calledPartyNumber	4.1	M			
40.8	. routeSelectFailureSpecificInfo	4.1	M			
40.9	.. failureCause	4.1	M			
40.10	. oCalledPartyBusySpecificInfo	4.1	M			
40.11	.. busyCause	4.1	M			
40.12	. oAnswerSpecificInfo	4.1	M			
40.13	.. backwardGVNS	4.1	O			
40.14	. oMidCallSpecificInfo	4.1	M			
40.15	.. connectTime	4.1	O			
40.16	.. oMidCallInfo	4.1	O			
40.17	... iNServiceControlCode	4.1	O			
40.18	. oDisconnectSpecificInfo	4.1	M			
40.19	.. releaseCause	4.1	M			
40.20	.. connectTime	4.1	O			
40.21	. tCalledPartyBusySpecificInfo	4.1	M			
40.22	.. busyCause	4.1	M			
40.23	. tMidCallSpecificInfo	4.1	M			
40.24	.. connectTime	4.1	O			
40.25	.. tMidCallInfo	4.1	O			
40.26	... iNServiceControlCode	4.1	O			
40.27	. tDisconnectSpecificInfo	4.1	M			
40.28	.. releaseCause	4.1	M			
40.29	.. connectTime	4.1	O			
40.30	. oAbandon	4.1	O			
40.31	.. abandonCause	4.1	O			
40.32	. tAbandon	4.1	O			
40.33	.. abandonCause	4.1	O			
40.34	. oNotReachable		O			
40.35	.. notReachableCause		O			
40.36	. tNotReachable		O			
40.37	.. notReachableCause		O			
40.38	legID	4.1	O			
40.39	. sendingSideID	4.1	n/a			
40.40	. receivingSideID	4.1	M			
40.41	miscCallInfo	4.1	O			
40.42	. messageType	4.1	c:M		0, 1	
40.43	extensions	4.1	O			
40.44	. type	4.1	c:M			
40.45	. criticality	4.1	c:M			
40.46	. value	4.1	c:M			

A.5.6.23 FurnishChargingInformation

Table A.41: FurnishChargingInformation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
41.1	FCIBillingChargingCharacteristics	4.1	M			
41.2	. fCIBCCcs1		O			
41.3	. fCIBCCSequenceCS2		O			
41.4	.. fCIBCCcs2		c:M			
41.5	.. tariff		c:O			
41.6	... chargingTariffInformation (note)		c:M			
41.7	... chargingPriceInformation (note)		c:M			

Table A.42: FurnishChargingInformation errors

Item	Name	Ref.	Status	Support
42.1	missingParameter	4.2	O	
42.2	taskRefused	4.2	O	
42.3	unexpectedComponentSequence	4.2	O	
42.4	unexpectedDataValue	4.2	O	
42.5	unexpectedParameter	4.2	O	

A.5.6.24 InitialDP

Table A.43: InitialDP invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
43.1	serviceKey	4.1	M		0..2 ³¹ -1	
43.2	calledPartyNumber	4.1	M			
43.3	callingPartyNumber	4.1	M			
43.4	callingPartyBusinessGroupID	4.1	O			
43.5	callingPartysCategory	4.1	M			
43.6	callingPartySubaddress	4.1	O			
43.7	cGEncountered	4.1	M		0, 1, 2	
43.8	iPSSPCapabilities	4.1	O			
43.9	iPAvailable	4.1	O			
43.10	locationNumber	4.1	M			
43.11	originalCalledPartyID	4.1	M			
43.12	terminalType	4.1	O			
43.13	extensions	4.1	O			
43.14	. type	4.1	c:M			
43.15	. criticality	4.1	c:M			
43.16	. value	4.1	c:M			
43.17	highLayerCompatibility	4.1	M			
43.18	serviceInteractionIndicators	4.1	O			
43.19	additionalCallingPartyNumber	4.1	M			
43.20	forwardCallIndicators	4.1	M			
43.21	bearerCapability	4.1	M			
43.22	. bearerCap	4.1	M			
43.23	. tmr	4.1	O			
43.24	eventTypeBCSM	4.1	O		1-10, 12-27, 50-51	
43.25	redirectingPartyID	4.1	M			
43.26	redirectionInformation	4.1	M			
43.27	cause	4.1	M			
43.28	iSDNAccessRelatedInformation	4.1	O			
43.29	iNServiceCompatibilityIndications	4.1	O			
43.30	. agreements	4.1	c:M			
43.31	. networkSpecific	4.1	c:M			
43.32	genericNumbers	4.1	M			
43.33	serviceInteractionIndicatorsTwo	4.1	M			
43.34	. forwardServiceInteractionInd	4.1	M			
43.35	.. conferenceTreatmentIndicator	4.1	O			
43.36	.. callDiversionTreatmentIndicator	4.1	O			
43.37	.. callOfferingTreatmentIndicator	4.1	O			
43.38	.. callingPartyRestrictionIndicator	4.1	O			
43.39	. backwardServiceInteractionInd	4.1	M			
43.40	.. conferenceTreatmentIndicator	4.1	O			
43.41	.. callCompletionTreatmentIndicator	4.1	O			
43.42	. bothWayThroughConnectionInd	4.1	n/a			
43.43	. suspendTimer	4.1	n/a			
43.44	. connectedNumberTreatmentInd	4.1	n/a			
43.45	. suppressCallDiversionNotification	4.1	n/a			
43.46	. suppressCallTransferNotification	4.1	n/a			
43.47	. allowCdINNoPresentationInd	4.1	n/a			
43.48	. userDialogueDurationInd	4.1	n/a			
43.49	forwardGVNS	4.1	O			
43.50	createdCallSegmentAssociation	4.1	M			
43.51	uSIServiceIndicator	4.1	O			
43.52	uSIInformation	4.1	O			

(continued)

Table A.43 (concluded): InitialDP invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
43.53	carrier	4.1	O			
43.54	calledPartyBCDNumber		O			
43.55	iMSI		O			
43.56	subscriberState		O			
43.57	locationInformation		O			
43.58	ext-basicServiceCode		O			
43.59	callReferenceNumber		O			
43.60	mscAddress		O			

Table A.44: InitialDP errors

Item	Name	Ref.	Status	Support
44.1	missingCustomerRecord	4.2	M	
44.2	missingParameter	4.2	M	
44.3	parameterOutOfRange	4.2	M	
44.4	systemFailure	4.2	M	
44.5	taskRefused	4.2	M	
44.6	unexpectedComponentSequence	4.2	M	
44.7	unexpectedDataValue	4.2	M	
44.8	unexpectedParameter	4.2	M	

A.5.6.25 InitiateCallAttempt

Table A.45: InitiateCallAttempt invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
45.1	destinationRoutingAddress	4.1	M			
45.2	alertingPattern	4.1	M			
45.3	iSDNAccessRelatedInformation	4.1	O			
45.4	extensions	4.1	O			
45.5	. type	4.1	c:M			
45.6	. criticality	4.1	c:M			
45.7	. value	4.1	c:M			
45.8	serviceInteractionIndicators	4.1	O			
45.9	callingPartyNumber	4.1	M			
45.10	legToBeCreated	4.1	M			
45.11	. sendingSideID	4.1	M			
45.12	. receivingSideID	4.1	n/a			
45.13	newCallSegment	4.1	M			
45.14	iNServiceCompatibiltyResponse	4.1	O			
45.15	. agreements	4.1	c:M			
45.16	. networkSpecific	4.1	c:M			
45.17	serviceInteractionIndicatorsTwo	4.1	M			
45.18	. forwardServiceInteractionInd	4.1	M			
45.19	.. conferenceTreatmentIndicator	4.1	O			
45.20	.. callDiversionTreatmentIndicator	4.1	O			
45.21	.. callOfferingTreatmentIndicator	4.1	O			
45.22	.. callingPartyRestrictionIndicator	4.1	O			
45.23	. backwardServiceInteractionInd	4.1	n/a			
45.24	.. conferenceTreatmentIndicator	4.1	n/a			
45.25	.. callCompletionTreatmentIndicator	4.1	n/a			
45.26	. bothwayThroughConnectionInd	4.1	n/a			
45.27	. suspendTimer	4.1	M			
45.28	. connectedNumberTreatmentInd	4.1	n/a			
45.29	. suppressCallDiversionNotification	4.1	M			
45.30	. suppressCallTransferNotification	4.1	M			
45.31	. allowCdINNoPresentationInd	4.1	M			
45.32	. userDialogueDurationInd	4.1	n/a			
45.33	carrier		O			
45.34	bearerCapability		O			
45.35	. bearerCap		c:M			
45.36	. tmr		c:O			
45.37	locationNumber		O			

Table A.46: InitiateCallAttempt errors

Item	Name	Ref.	Status	Support
46.1	missingParameter	4.2	O	
46.2	parameterOutOfRange	4.2	O	
46.3	systemFailure	4.2	O	
46.4	taskRefused	4.2	O	
46.5	unexpectedComponentSequence	4.2	O	
46.6	unexpectedDataValue	4.2	O	
46.7	unexpectedParameter	4.2	O	

A.5.6.26 ManageTriggerData

Table A.47: ManageTriggerData arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
47.1	actionIndicator	4.1	M		1, 2, 3	
47.2	triggerDataIdentifier	4.1	M			
47.3	. triggerID	4.1	M		1-10, 12-27, 50-51	
47.4	. profileIdentifier	4.1	M			
47.5	.. access	4.1	M			
47.6	.. group	4.1	M			
47.7	... trunkGroupID	4.1	o.1			
47.8	... privateFacilityID	4.1	o.1			
47.9	... huntGroup	4.1	o.1			
47.10	... routeIndex	4.1	o.1			
47.11	registratorIdentifier	4.1	O			
47.12	extensions	4.1	O			
47.13	. type	4.1	c:M			
47.14	. criticality	4.1	c:M			
47.15	. value	4.1	c:M			

Table A.48: ManageTriggerData results

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
48.1	actionPerformed	4.1	M		1, 2, 3, 4, 5, 6	
48.2	extensions	4.1	O			
48.3	. type	4.1	c:M			
48.4	. criticality	4.1	c:M			
48.5	. value	4.1	c:M			

Table A.49: ManageTriggerData errors

Item	Name	Ref.	Status	Support
49.1	missingParameter	4.2	O	
49.2	missingCustomerRecord	4.2	O	
49.3	parameterOutOfRange	4.2	O	
49.4	systemFailure	4.2	O	
49.5	taskRefused	4.2	O	
49.6	unexpectedComponentSequence	4.2	O	
49.7	unexpectedDataValue	4.2	O	
49.8	unexpectedParameter	4.2	O	

A.5.6.27 MergeCallSegments

Table A.50: MergeCallSegments arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
50.1	sourceCallSegments	4.1	M			
50.2	targetCallSegments	4.1	M			
50.3	extensions	4.1	O			
50.4	. type	4.1	c:M			
50.5	. criticality	4.1	c:M			
50.6	. value	4.1	c:M			

Table A.51: MergeCallSegments errors

Item	Name	Ref.	Status	Support
51.1	missingParameter	4.2	O	
51.2	systemFailure	4.2	O	
51.3	taskRefused	4.2	O	
51.4	unexpectedComponentSequence	4.2	O	
51.5	unexpectedDataValue	4.2	O	
51.6	unexpectedParameter	4.2	O	

A.5.6.28 MoveCallSegments

Table A.52: MoveCallSegments arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
52.1	targetCallSegmentsAssociation	4.1	M			
52.2	CallSegments	4.1	M			
52.3	. sourceCallSegment	4.1	M			
52.4	. newCallSegment	4.1	M			
52.5	legs	4.1	M			
52.6	. sourceLeg	4.1	M			
52.7	.. sendingSideID	4.1	M			
52.8	.. receivingSideID	4.1	n/a			
52.9	. newLeg	4.1	M			
52.10	.. sendingSideID	4.1	M			
52.11	.. receivingSideID	4.1	n/a			
52.12	extensions	4.1	O			
52.13	. type	4.1	c:M			
52.14	. criticality	4.1	c:M			
52.15	. value	4.1	c:M			

Table A.53: MoveCallSegments errors

Item	Name	Ref.	Status	Support
53.1	missingParameter	4.2	O	
53.2	systemFailure	4.2	O	
53.3	taskRefused	4.2	O	
53.4	unexpectedComponentSequence	4.2	O	
53.5	unexpectedDataValue	4.2	O	
53.6	unexpectedParameter	4.2	O	
53.7	unknownLegID	4.2	O	

A.5.6.29 MoveLeg

Table A.54: MoveLeg arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
54.1	legIDToMove	4.1	M			
54.2	. sendingSideID	4.1	M			
54.3	. receivingSideID	4.1	n/a			
54.4	targetCallSegment	4.1	M			
54.5	extensions	4.1	O			
54.6	. type	4.1	c:M			
54.7	. criticality	4.1	c:M			
54.8	. value	4.1	c:M			

Table A.55: MoveLeg errors

Item	Name	Ref.	Status	Support
55.1	systemFailure	4.2	O	
55.2	taskRefused	4.2	O	
55.3	unexpectedComponentSequence	4.2	O	
55.4	unexpectedDataValue	4.2	O	
55.5	unexpectedParameter	4.2	O	
55.6	unknownLegID	4.2	O	

A.5.6.30 PlayAnnouncement

Table A.56: PlayAnnouncement invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
56.1	informationToSend	4.1	M			
56.2	. inbandInfo	4.1	o.1			
56.3	.. messageID	4.1	c:M			
56.4	... elementaryMessageID	4.1	o.2		0..2 ³¹ -1	
56.5	... text	4.1	o.2			
56.6	.... messageContent	4.1	c:M			
56.7	.... attributes	4.1	c:O			
56.8	... elementaryMessageIDs	4.1	o.2			
56.9	... variableMessage	4.1	o.2			
56.10	.... elementaryMessageID	4.1	c:M		0..2 ³¹ -1	
56.11	.... variableParts	4.1	c:M		0..2 ³¹ -1	
56.12	..... integer	4.1	o.3		0..2 ³¹ -1	
56.13	..... number	4.1	o.3			
56.14	..... time	4.1	o.3			
56.15	..... date	4.1	o.3			
56.16	..... price	4.1	o.3			
56.17	.. numberOfRepetitions	4.1	c:M		1..127	
56.18	.. duration	4.1	c:M		0..2 ¹⁵ -1	
56.19	.. interval	4.1	c:M		0..2 ¹⁵ -1	
56.20	. tone	4.1	o.1			
56.21	.. toneID	4.1	c:M		0..2 ³¹ -1	
56.22	.. duration	4.1	c:M		0..2 ³¹ -1	
56.23	. displayInformation	4.1	o.1			
56.24	disconnectFromIPForbidden	4.1	M		False, True	
56.25	requestAnnouncementComplete	4.1	M		False, True	
56.26	extensions	4.1	O			
56.27	. type	4.1	c:M			
56.28	. criticality	4.1	c:M			
56.29	. value	4.1	c:M			
56.30	connectedParty	4.1	M			
56.31	. LegID	4.1	M			
56.32	.. sendingSideID	4.1	M			
56.33	.. receivingSideID	4.1	n/a			
56.34	. callSegmentID	4.1	M			

Table A.57: PlayAnnouncement errors

Item	Name	Ref.	Status	Support
57.1	cancelled	4.2	O	
57.2	missingParameter	4.2	O	
57.3	parameterOutOfRange	4.2	O	
57.4	systemFailure	4.2	O	
57.5	taskRefused	4.2	O	
57.6	unavailableResource	4.2	O	
57.7	unexpectedComponentSequence	4.2	O	
57.8	unexpectedDataValue	4.2	O	
57.9	unexpectedParameter	4.2	O	
57.10	unknownLegID	4.2	O	

A.5.6.31 PromptAndCollectUserInformation

Table A.58: PromptAndCollectUserInformation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
58.1	collectedInfo	4.1	M			
58.2	. collectedDigits	4.1	M			
58.3	.. minumumNbOfDigits	4.1	c:O		1..127	
58.4	.. maximumNbOfDigits	4.1	c:M		1..127	
58.5	.. endOfReplyDigit	4.1	c:O		1..2dig	
58.6	.. cancelDigit	4.1	c:O		1..2dig	
58.7	.. startDigit	4.1	c:O		1..2dig	
58.8	.. firstDigitTimeOut	4.1	c:O		1..127	
58.9	.. interDigitTimeOut	4.1	c:O		1..127	
58.10	.. errorTreatment	4.1	c:O		0..2	
58.11	.. interruptableAnnInd	4.1	c:O		False, True	
58.12	.. voiceInformation	4.1	c:O		False, True	
58.13	.. voiceBack	4.1	c:O		False, True	
58.14	. IA5Information	4.1	M			
58.15	disconnectFromIPForbidden	4.1	M		False, True	
58.16	informationToSend	4.1	M			
58.17	. inbandInfo	4.1	o.1			
58.18	.. messageID	4.1	c:M			
58.19	... elementaryMessageID	4.1	o.2		0..2 ³¹ -1	
58.20	... text	4.1	o.2			
58.21	.... messageContent	4.1	c:M			
58.22	.... attributes	4.1	c:O			
58.23	... elementaryMessageIDs	4.1	o.2			
58.24	... variableMessage	4.1	o.2			
58.25	... elementaryMessageID	4.1	c:M		0..2 ³¹ -1	
58.26	... variablesParts	4.1	c:M			
58.27	.... integer	4.1	o.3		0..2 ³¹ -1	
58.28	.... number	4.1	o.3			
58.29	.... time	4.1	o.3			
58.30	.... date	4.1	o.3			
58.31	.... price	4.1	o.3			
58.32	.. numberOfRepetitions	4.1	c:M		1..127	
58.33	.. duration	4.1	c:M		0..2 ¹⁵ -1	
58.34	.. interval	4.1	c:M		0..2 ¹⁵ -1	
58.35	. tone	4.1	o.1			
58.36	.. toneID	4.1	c:M		0..2 ³¹ -1	
58.37	.. duration	4.1	c:M		0..2 ³¹ -1	
58.38	. displayInformation	4.1	o.1			
58.39	extensions	4.1	O			
58.40	. type	4.1	c:M			
58.41	. criticality	4.1	c:M			
58.42	. value	4.1	c:M			
58.43	callSegmentID	4.1	O			

Table A.59: ReceivedInformation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
59.1	digitsRespon	4.1	M		1..127	
59.2	IA5Respon	4.1	M			

Table A.60: PromptAndCollectUserInfo errors

Item	Name	Ref.	Status	Support
60.1	cancelled	4.2	O	
60.2	improperCallerResponse	4.2	O	
60.3	missingParameter	4.2	O	
60.4	parameterOutOfRange	4.2	O	
60.5	systemFailure	4.2	O	
60.6	taskRefused	4.2	O	
60.7	unavailableResource	4.2	O	
60.8	unexpectedComponentSequence	4.2	O	
60.9	unexpectedDataValue	4.2	O	
60.10	unexpectedParameter	4.2	O	

A.5.6.32 PromptAndReceiveMessage

Table A.61: PromptAndReceiveMessage invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
61.1	disconnectFromIPForbidden	4.1	M		False, True	
61.2	informationToSend	4.1	M			
61.3	. inbandInfo	4.1	o:1			
61.4	.. messageID	4.1	c:M			
61.5	... elementaryMessageID	4.1	o:2		0..2 ³¹ -1	
61.6	... text	4.1	o:2			
61.7	.... messageContent	4.1	c:M			
61.8	.... attributes	4.1	c:O			
61.9	... elementaryMessageIDs	4.1	o:2			
61.10	... variableMessage	4.1	o:2			
61.11	... elementaryMessageID	4.1	c:M		0..2 ³¹ -1	
61.12	... variablesParts	4.1	c:M			
61.13	.... integer	4.1	o:3		0..2 ³¹ -1	
61.14	.... number	4.1	o:3			
61.15	.... time	4.1	o:3			
61.16	.... date	4.1	o:3			
61.17	.... price	4.1	o:3			
61.18	.. numberOfRepetitions	4.1	c:M		1..127	
61.19	.. duration	4.1	c:M		0..2 ¹⁵ -1	
61.20	.. interval	4.1	c:M		0..2 ¹⁵ -1	
61.21	. tone	4.1	o:1			
61.22	.. tonelD	4.1	c:M		0..2 ³¹ -1	
61.23	.. duration	4.1	c:M		0..2 ³¹ -1	
61.24	. displayInformation	4.1	o:1			
61.25	extensions	4.1	O			
61.26	. type	4.1	c:M			
61.27	. criticality	4.1	c:M			
61.28	. value	4.1	c:M			
61.29	subscriberID	4.1	O			
61.30	mailBoxID	4.1	O			
61.31	informationToRecord	4.1	M			
61.32	. elementaryMessageID	4.1	c:M		0..2 ³¹ -1	
61.33	. messageDeletionTimeOut	4.1	c:O		1..3600	
61.34	. timeToRecord	4.1	c:O			
61.35	. controlDigits	4.1	c:M			
61.36	.. endOfRecordingDigit	4.1	c:O		1..2dig	
61.37	.. cancelDigit	4.1	c:O		1..2dig	
61.38	.. replayDigit	4.1	c:O			
61.39	.. restartRecordingDigit	4.1	c:O			
61.40	.. restartAllowed	4.1	c:O		False, True	
61.41	.. replayAllowed	4.1	c:O		False, True	
61.42	media	4.1	O			
61.43	callSegmentID	4.1	M			

Table A.62: MessageReceived arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
62.1	receivedStatus	4.1	M		0, 1, 2	
62.2	recordedMessageID	4.1	O		0..2 ³¹ -1	
62.3	extensions	4.1	O			
62.4	. type	4.1	c:M			
62.5	. criticality	4.1	c:M			
62.6	. value	4.1	c:M			

Table A.63: PromptAndReceiveMessage errors

Item	Name	Ref.	Status	Support
63.1	cancelled	4.2	O	
63.2	improperCallerResponse	4.2	O	
63.3	missingParameter	4.2	O	
63.4	parameterOutOfRange	4.2	O	
63.5	systemFailure	4.2	O	
63.6	taskRefused	4.2	O	
63.7	unavailableResource	4.2	O	
63.8	unexpectedComponentSequence	4.2	O	
63.9	unexpectedDataValue	4.2	O	
63.10	unexpectedParameter	4.2	O	
63.11	unknownSubscriber	4.2	O	

A.5.6.33 ReleaseCall

Table A.64: ReleaseCall arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
64.1	initialCallSegment (release cause)	4.1	M			
64.2	associatedCallSegment	4.1	M			
64.3	. callSegment	4.1	M			
64.4	. releaseCause	4.1	M			
64.5	allCallSegments	4.1	M			
64.6	. releaseCause	4.1	M			
64.7	extensions	4.1	O			
64.8	. type	4.1	c:M			
64.9	. criticality	4.1	c:M			
64.10	. value	4.1	c:M			

A.5.6.34 ReportUTSI

Table A.65: ReportUTSI invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
65.1	uSIServiceIndicator	4.1	M			
65.2	legID	4.1	M			
65.3	. sendingSideID	4.1	n/a			
65.4	. receivingSideID	4.1	M			
65.5	uSIInformation	4.1	M			
65.6	extensions	4.1	O			
65.7	. type	4.1	c:M			
65.8	. criticality	4.1	c:M			
65.9	. value	4.1	c:M			

A.5.6.35 RequestNotificationChargingEvent

Table A.66: RequestNotificationChargingEvent invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
66.1	eventTypeCharging	4.1	O			
66.2	monitorMode	4.1	M		0..2	
66.3	legID	4.1	M			
66.4	. sendingSideID	4.1	M			
66.5	. receivingSideID	4.1	n/a			
66.6	eventTypeTariff (note)		O		0, 1, 2, 3	

Table A.67: RequestNotificationChargingEvent errors

Item	Name	Ref.	Status	Support
67.1	missingParameter	4.2	O	
67.2	parameterOutOfRange	4.2	O	
67.3	systemFailure	4.2	O	
67.4	taskRefused	4.2	O	
67.5	unexpectedComponentSequence	4.2	O	
67.6	unexpectedDataValue	4.2	O	
67.7	unexpectedParameter	4.2	O	

A.5.6.36 RequestReportBCSMEvent

Table A.68: RequestReportBCSMEvent invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
68.1	bcsmEvents	4.1	M			
68.2	. eventTypeBCSM	4.1	M		2-10, 13-21, 24-27, 50-51	
68.3	. monitorMode	4.1	M		0..2	
68.4	. legID	4.1	M			
68.5	.. sendingSideID	4.1	M			
68.6	.. receivingSideID	4.1	n/a			
68.7	. dPSpecificCriteria	4.1	M			
68.8	.. numberOfDigits	4.1	M		1-255	
68.9	.. applicationTimer	4.1	M		0..2047	
68.10	.. midCallControlInfo	4.1	O			
68.11	... midCallInfoType	4.1	c:M			
68.12	... iNServiceControlCodeLow	4.1	c:O			
68.13	... iNServiceControlCodeHigh	4.1	c:O			
68.14	... midCallReportType	4.1	c:O		0, 1	
68.15	bcsmEventCorrelationID	4.1	O			
68.16	extensions	4.1	O			
68.17	. type	4.1	c:M			
68.18	. criticality	4.1	c:M			
68.19	. value	4.1	c:M			

Table A.69: RequestReportBCSMEEvent errors

Item	Name	Ref.	Status	Support
69.1	missingParameter	4.2	O	
69.2	parameterOutOfRange	4.2	O	
69.3	systemFailure	4.2	O	
69.4	taskRefused	4.2	O	
69.5	unexpectedComponentSequence	4.2	O	
69.6	unexpectedDataValue	4.2	O	
69.7	unexpectedParameter	4.2	O	

A.5.6.37 RequestReportUTSI

Table A.70: RequestReportUTSI invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
70.1	requestedUTSIList	4.1	M			
70.2	. uSIServiceIndicator	4.1	M			
70.3	. uSImonitorMode	4.1	M		0, 1	
70.4	. legID (Note)	4.1	n/a			
70.5	.. sendingSideID	4.1	n/a			
70.6	.. receivingSideID	4.1	n/a			
70.7	uSIInformation	4.1	M			
70.8	extensions	4.1	O			
70.9	. type	4.1	c:M			
70.10	. criticality	4.1	c:M			
70.11	. value	4.1	c:M			
70.12	legID	4.1	M			
70.13	. sendingSideID	4.1	M			
70.14	. receivingSideID	4.1	n/a			

NOTE: legID is already defined in the Argument. It is not supported in the requestedUTSIList. LegID in the Argument has as default leg 1.

Table A.71: RequestReportUTSI errors

Item	Name	Ref.	Status	Support
71.1	missingParameter	4.2	O	
71.2	systemFailure	4.2	O	
71.3	taskRefused	4.2	O	
71.4	unexpectedComponentSequence	4.2	O	
71.5	unexpectedDataValue	4.2	O	
71.6	unexpectedParameter	4.2	O	

A.5.6.38 ResetTimer

Table A.72: ResetTimer invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
72.1	timerID	4.1	M		0	
72.2	timervalue	4.1	M		0..2 ³¹ -1	
72.3	extensions	4.1	O			
72.4	. type	4.1	c:M			
72.5	. criticality	4.1	c:M			
72.6	. value	4.1	c:M			
72.7	callSegmentID	4.1	M			

Table A.73: ResetTimer errors

Item	Name	Ref.	Status	Support
73.1	missingParameter	4.2	O	
73.2	parameterOutOfRange	4.2	O	
73.3	taskRefused	4.2	O	
73.4	unexpectedComponentSequence	4.2	O	
73.5	unexpectedDataValue	4.2	O	
73.6	unexpectedParameter	4.2	O	

A.5.6.39 SendChargingInformation

Table A.74: SendChargingInformation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
74.1	sCIBillingChargingCharacteristics	4.1	M			
74.2	partyToCharge	4.1	M			
74.3	. sendingSideID	4.1	M			
74.4	. receivingSideID	4.1	n/a			
74.5	extensions	4.1	O			
74.6	. type	4.1	c:M			
74.7	. criticality	4.1	c:M			
74.8	. value	4.1	c:M			
74.9	tariffMessage (note)		O			

Table A.75: SendChargingInformation errors

Item	Name	Ref.	Status	Support
75.1	missingParameter	4.2	O	
75.2	unexpectedComponentSequence	4.2	O	
75.3	unexpectedParameter	4.2	O	
75.4	parameterOutOfRange	4.2	O	
75.5	systemFailure	4.2	O	
75.6	taskRefused	4.2	O	
75.7	unknownLegID	4.2	O	

A.5.6.40 SendSTUI

Table A.76: SendSTUI arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
76.1	uSIServiceIndicator	4.1	M			
76.2	legID	4.1	M			
76.3	. sendingSideID	4.1	M			
76.4	. receivingSideID	4.1	n/a			
76.5	uSIInformation	4.1	M			
76.6	extensions	4.1	O			
76.7	. type	4.1	c:M			
76.8	. criticality	4.1	c:M			
76.9	. value	4.1	c:M			

Table A.77: SendSTUI errors

Item	Name	Ref.	Status	Support
77.1	missingParameter	4.2	O	
77.2	parameterOutOfRange	4.2	O	
77.3	systemFailure	4.2	O	
77.4	taskRefused	4.2	O	
77.5	unexpectedComponentSequence	4.2	O	
77.6	unexpectedDataValue	4.2	O	
77.7	unexpectedParameter	4.2	O	
77.8	unknownLegID	4.2	O	

A.5.6.41 ServiceFilteringResponse

Table A.78: ServiceFilteringResponse invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
78.1	countersValue	4.1	M		0..100	
78.2	. counterID	4.1	M		0..99	
78.3	. counterValue	4.1	M		0..2 ³¹ -1	
78.4	filteringCriteria	4.1	M			
78.5	. serviceKey	4.1	o.1		0..2 ³¹ -1	
78.6	. addressAndService	4.1	o.1			
78.7	.. calledAddressValue	4.1	c:M			
78.8	.. serviceKey	4.1	c:M		0..2 ³¹ -1	
78.9	.. callingAddressValue	4.1	c:O			
78.10	.. locationNumber	4.1	c:O			
78.11	extensions	4.1	O			
78.12	. type	4.1	c:M			
78.13	. criticality	4.1	c:M			
78.14	. value	4.1	c:M			
78.15	responseCondition	4.1	O			

A.5.6.42 SpecialisedResourceReport

For the operation SpecialisedResourceReport there are is only an NULL invocation argument, there are no results and no errors, and therefore no tables in this standard.

A.5.6.43 SplitLeg

Table A.79: SplitLeg arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
79.1	legIDToBeSplit	4.1	M			
79.2	. sendingSideID	4.1	M			
79.3	. receivingSideID	4.1	n/a			
79.4	newCallSegment	4.1	M			
79.5	extensions	4.1	O			
79.6	. type	4.1	c:M			
79.7	. criticality	4.1	c:M			
79.8	. value	4.1	c:M			

Table A.80: SplitLeg errors

Item	Name	Ref.	Status	Support
80.1	missingParameter	4.2	O	
80.2	systemFailure	4.2	O	
80.3	taskRefused	4.2	O	
80.4	unexpectedComponentSequence	4.2	O	
80.5	unexpectedDataValue	4.2	O	
80.6	unexpectedParameter	4.2	O	
80.7	unknownLegID	4.2	O	

A.5.7 Timers

Table A.81: Operation timers

Item	Operation Timer (opcode)		Ref.	Status	values	
					allowed	supported
81.1	activateServiceFiltering (42)	Tasf	5.1	n/a	1 - 60 s	
81.2	activityTest (55)	Tat	5.1	n/a	1 - 10 s	
81.3	applyCharging (35)	Tac	5.1	n/a	1 - 10 s	
81.4	applyChargingReport (36)	Tacr	5.1	M	1 - 10 s	
81.5	assistRequestInstructions (16)	Tari	5.1	M	1 - 10 s	
81.6	callGap (41)	Tcg	5.1	n/a	1 - 10 s	
81.7	callInformationReport (44)	Tcirp	5.1	M	1 - 10 s	
81.8	callInformationRequest (45)	Tcirq	5.1	n/a	1 - 10 s	
81.9	cancel (53)	Tcan	5.1	n/a	1 - 10 s	
81.10	collectInformation (27)	Tci	5.1	n/a	1 - 60 s	
81.11	connect (20)	Tcon	5.1	n/a	1 - 10 s	
81.12	connectToResource (19)	Tctr	5.1	n/a	1 - 10 s	
81.13	continue (31)	Tcue	5.1	n/a	1 - 10 s	
81.14	continueWithArguments (88)	Tcwa	5.1	n/a	1 - 10 s	
81.15	createCallSegmentAssociation (89)	Tcsa	5.1	n/a	1 - 10 s	
81.16	disconnectForwardConnection (18)	Tdfc	5.1	n/a	1 - 10 s	
81.17	dFCWithArgument (86)	Tdfcwa	5.1	n/a	1 - 10 s	
81.18	disconnectLeg (90)	Tdl	5.1	n/a	1 - 10 s	
81.19	entityReleased (96)	Ter	5.1	M	1 - 10 s	
81.20	establishTemporaryConnection (17)	Tetc	5.1	n/a	1 - 60 s	
81.21	eventNotificationCharging (26)	Tenc	5.1	M	1 - 10 s	
81.22	eventReportBCSM (24)	Terb	5.1	M	1 - 10 s	
81.23	furnishChargingInformation (34)	Tfci	5.1	n/a	1 - 10 s	
81.24	initialDP (0)	Tidp	5.1	M	1 - 10 s	
81.25	initiateCallAttempt (32)	Tica	5.1	n/a	1 - 10 s	
81.26	manageTriggerData (97)	Tmtd	5.1	n/a	1 - 60 s	
81.27	mergeCallSegments (91)	Tmc	5.1	n/a	1 - 10 s	
81.28	moveCallSegments (92)	Tmcs	5.1	n/a	1 - 10 s	
81.29	moveLeg (93)	Tml	5.1	n/a	1 - 10 s	
81.30	releaseCall (22)	Trc	5.1	n/a	1 - 10 s	
81.31	reportUTSI (101)	Tru	5.1	M	1 - 10 s	
81.32	requestNotificationChargingEvent (25)	Trnc	5.1	n/a	1 - 10 s	
81.33	requestReportBCSMEEvent (23)	Trrb	5.1	n/a	1 - 10 s	
81.34	requestReportUTSI (98)	Trru	5.1	n/a	1 - 10 s	
81.35	resetTimer (33)	Trt	5.1	n/a	1 - 10 s	
81.36	sendChargingInformation (46)	Tsci	5.1	n/a	1 - 10 s	
81.37	sendSTUI (100)	Tss	5.1	n/a	1 - 10 s	
81.38	serviceFilteringResponse (43)	Tsfr	5.1	M	1 - 10 s	
81.39	splitLeg (95)	Tsl	5.1	n/a	1 - 10 s	
81.40	playAnnouncement (47)	Tpa	6.1	n/a	1 s - 30 min	
81.41	promptAndCollectUserInfo (48)	Tpc	6.1	n/a	1 s - 30 min	
81.42	promptAndReceiveMessage (107)	Tprm	6.1	n/a	1 s - 30 min	
81.43	scriptClose (111)	Tcl	6.1	n/a	1 - 10 s	
81.44	scriptEvent (109)	Tre	6.1	n/a	1 - 10 s	
81.45	scriptInformation (108)	Tinf	6.1	n/a	1 - 10 s	
81.46	scriptRun (110)	Tru	6.1	n/a	1 s - 30 min	
81.47	specializedResourceReport (49)	Tsrr	6.1	M	1 - 10 s	

Table A.82: Timers

Item	Timer	Ref.	Status	values	
				allowed	supported
82.1	T _{SSF} after sending InitialDP or AssistRequestInstructions	11.5.2, 11.6	M	note	
82.2	T _{SSF} after entering the state c "Waiting for instructions"	11.5.2	M	note	
82.3	T _{SSF} after entering the state d "Waiting for End of User Interaction"	11.5.2	M	note	
82.4	T _{SCF-SSF} after receiving InitialDP or AssistRequestInstructions	11.5.2, 12	n/a		
82.5	T _{SCF-SSF} after entering state 2.2.2 "Queuing FSM"	12	n/a		
82.6	T _{SCF-SSF} after entering state 3.2 "Waiting for Assist Request Instructions"	12	n/a		
82.7	T _{assist/Hand-Off}	11.6	n/a		
82.8	T _{SRF}	11.6	M	note	
82.9	T _{actTest}	11.5.2	n/a		
NOTE: The standard does not indicate the allowed values, so the implementor shall indicate the supported values.					

A.5.8 RANGE CONSTANTS supported

Table A.83: Range constants

Item	Name	Ref.	Status	Support	Supported value
83.1	minAChBillingChargingLength	4.1	c:M		
83.2	maxAChBillingChargingLength	4.1	c:M		
83.3	minAttributesLength	4.1	c:M		
83.4	maxAttributesLength	4.1	c:M		
83.5	minBackwardGVNSLength	4.1	c:M		
83.6	maxBackwardGVNSLength	4.1	c:M		
83.7	maxBearerCapabilityLength	4.1	c:M		
83.8	minCalledPartyNumberLength	4.1	c:M		
83.9	maxCalledPartyNumberLength	4.1	c:M		
83.10	minCallingPartyNumberLength	4.1	c:M		
83.11	maxCallingPartyNumberLength	4.1	c:M		
83.12	minCallResultLength	4.1	c:M		
83.13	maxCallResultLength	4.1	c:M		
83.14	minCauseLength	4.1	c:M		
83.15	maxCauseLength	4.1	c:M		
83.16	minDigitsLength	4.1	c:M		
83.17	maxDigitsLength	4.1	c:M		
83.18	minDisplayInformationLength	4.1	c:M		
83.19	maxDisplayInformationLength	4.1	c:M		
83.20	minEventSpecificInformationChargingLength	4.1	c:M		
83.21	maxEventSpecificInformationChargingLength	4.1	c:M		
83.22	minEventTypeChargingLength	4.1	c:M		
83.23	maxEventTypeChargingLength	4.1	c:M		
83.24	minFCIBillingChargingLength	4.1	c:M		
83.25	maxFCIBillingChargingLength	4.1	c:M		
83.26	minForwarGVNSLength	4.1	c:M		
83.27	maxForwarGVNSLength	4.1	c:M		
83.28	minGenericNameLength	4.1	c:M		
83.29	maxGenericNameLength	4.1	c:M		
83.30	minGenericNumberLength	4.1	c:M		
83.31	maxGenericNumberLength	4.1	c:M		
83.32	minIPAvailableLength	4.1	c:M		
83.33	maxIPAvailableLength	4.1	c:M		
83.34	minIPSSPCapabilitiesLength	4.1	c:M		
83.35	maxIPSSPCapabilitiesLength	4.1	c:M		
83.36	minLocationNumberLength	4.1	c:M		
83.37	maxLocationNumberLength	4.1	c:M		
83.38	minMailBoxIDLength	4.1	c:M		
83.39	maxMailBoxIDLength	4.1	c:M		
83.40	minMessageContentLength	4.1	c:M		
83.41	maxMessageContentLength	4.1	c:M		
83.42	minMidCallControlInfoLength	4.1	c:M		
83.43	maxMidCallControlInfoLength	4.1	c:M		
83.44	minOriginalCalledPartyIDLength	4.1	c:M		
83.45	maxOriginalCalledPartyIDLength	4.1	c:M		
83.46	minReasonLength	4.1	c:M		
83.47	maxReasonLength	4.1	c:M		
83.48	maxRecordedMessageUnitLength	4.1	c:M		
83.49	maxRecordingTime	4.1	c:M		
83.50	minRedirectingPartyIDLength	4.1	c:M		
83.51	maxRedirectingPartyIDLength	4.1	c:M		
83.52	minRequestedUTSINum	4.1	c:M		
83.53	maxRequestedUTSINum	4.1	c:M		
83.54	minRouteListLength	4.1	c:M		
83.55	maxRouteListLength	4.1	c:M		
83.56	minScfiDLength	4.1	c:M		
83.57	maxScfiDLength	4.1	c:M		

(continued)

Table A.83 (concluded): Range constants

Item	Name	Ref.	Status	Support	Supported value
83.58	minSCIBillingChargingLength	4.1	c:M		
83.59	maxSCIBillingChargingLength	4.1	c:M		
83.60	minServiceInteractionIndicatorsLength	4.1	c:M		
83.61	maxServiceInteractionIndicatorsLength	4.1	c:M		
83.62	minSFBillingChargingLength	4.1	c:M		
83.63	maxSFBillingChargingLength	4.1	c:M		
83.64	minUSIInformationLength	4.1	c:M		
83.65	maxUSIInformationLength	4.1	c:M		
83.66	minUSIServiceIndicatorLength	4.1	c:M		
83.67	maxUSIServiceIndicatorLength	4.1	c:M		
83.68	numOfBCSMEEvents	4.1	c:M		
83.69	numOfChargingEvents	4.1	c:M		
83.70	numOfCounters	4.1	c:M		
83.71	numOfCSAs	4.1	c:M		
83.72	numOfCSs	4.1	c:M		
83.73	numOfExtensions	4.1	c:M		
83.74	numOfGenericNumbers	4.1	c:M		
83.75	numOfInfoItems	4.1	c:M		
83.76	numOfLegs	4.1	c:M		
83.77	numOfMessageIDs	4.1	c:M		
83.78	numOfRecordedMessageIDs	4.1	c:M		

History

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