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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

ETSI

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Contents

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Signalling Protocols and Switching (SPS).

NOTE: The present document was originally released on Public Enquiry with the PICS proforma for the SSP only. The present version also contains the CUSF PICS proforma.

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) specification for Service Switching Function (SSF)";

Part 4: "Abstract Test Suite (ATS) specification and Partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for Service Switching Function (SSF)";

Part 5: "Distributed Functional Plane (DFP) [ITU-T Recommendation Q.1224 (1997) modified]".

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).

National transposition dates	
Date of adoption of this EN:	30 July 1999
Date of latest announcement of this EN (doa):	31 October 1999
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 April 2000
Date of withdrawal of any conflicting National Standard (dow):	30 April 2000

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 and the CUSF on the interface SCF-CUSF in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [3].

The supplier of a protocol implementation 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

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies.

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

[1]   EN 301 140-1: "Intelligent Network (IN); Intelligent Network Application Protocol (INAP); Capability Set 2 (CS2); Part 1: Protocol specification".

[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

For the purposes of the present document, the following terms and definitions apply, in addition to those given in EN 301 140-1 [1], ISO/IEC 9646-1 [2] and ISO/IEC 9646-7 [3]:

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

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

Protocol ICS (PICS): ICS for an implementation or system claimed to conform to a given protocol specification

static conformance review: 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

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

AND   Boolean "and"
NOT   Boolean "not"
OR   Boolean "or"

3.3 Abbreviations

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

ASE   Application Service Element
ICS   Implementation Conformance Statement
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

If it claims to conform to the present document, the actual Implementation Conformance Statement (ICS) proforma to be filled in by a supplier shall be technically equivalent to the text of the ICS proforma given in annex A, and shall preserve the numbering/naming and ordering of the proforma items.

An ICS which conforms to the present document shall be a conforming ICS proforma completed in accordance with the guidance for completion given in clause A.1.

Annex A (normative):
PICS proforma for EN 301 140-1

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   Guidance for completing the ICS proforma

A.1.1   Purposes and structure

The purpose of this ICS proforma is to provide a mechanism whereby a supplier of an implementation of the requirements defined in EN 301 140-1 [1] may provide information about the implementation in a standardized manner.

The ICS proforma is subdivided into subclauses for the following categories of information:

- guidance for completing the ICS proforma;

- identification of the implementation;

- identification of the protocol;

- 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.1.2   Abbreviations and conventions

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

Item column

The item column contains a number which identifies the item in the table.

Item description column

The item description column describes in free text each respective item (e.g. parameters, timers, etc.). It implicitly means "is <item description> supported by the implementation?".

Status column

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

m   mandatory - the capability is required to be supported.

o   optional - the capability may be supported or not.

n/a   not applicable - in the given context, it is impossible to use the capability.

x   prohibited (excluded) - there is a requirement not to use this capability in the given context.

o.i   qualified optional - for mutually exclusive or selectable options from a set. "i" is an integer which
             identifies an unique group of related optional items and the logic of their selection which is defined
             immediately following the table.

ci   conditional - the requirement on the capability ("m", "o", "x" or "n/a") depends on the support of
             other optional or conditional items. "i" is an integer identifying an unique conditional status
             expression which is defined immediately following the table.

c:o   optional if the hierarchically preceding option is implemented.

c:o.i   qualified optional if the hierarchically preceding option is implemented.- for mutually exclusive or
             selectable options from a set. "i" is an integer which identifies an unique group of related optional
             items and the logic of their selection which is defined immediately following the table.

c:m   mandatory if the hierarchically preceding option is implemented.

i   irrelevant (out-of-scope) - capability outside the scope of the reference specification. No answer is
             requested from the supplier.

   NOTE 1: This use of "i" status is not to be confused with the suffix "i" to the "o" and "c" statuses above.

Reference column

The reference column makes reference to EN 301 140-1 [1], except where explicitly stated otherwise.

Support column

The support column shall be filled in by the supplier of the implementation. The following common notations, defined in
ISO/IEC 9646-7 [3], are used for the support column:

Y or y   supported by the implementation.

N or n   not supported by the implementation.

N/A, n/a or - no answer required (allowed only if the status is n/a, directly or after evaluation of a conditional
               status).

If this ICS proforma is completed in order to describe a multiple-profile support in a system, it is necessary to be able to
answer that a capability is supported for one profile and not supported for another. In that case, the supplier shall enter
the unique reference to a conditional expression, preceded by "?" (e.g. ?3). This expression shall be given in the space
for comments provided at the bottom of the table. It uses predicates defined in the System Conformance Statement
(SCS), each of which refers to a single profile and which takes the value TRUE if and only if that profile is to be used.

   EXAMPLE 1:   ?3: IF prof1 THEN Y ELSE N

   NOTE 2: As stated in ISO/IEC 9646-7 [3], support for a received PDU requires the ability to parse all valid
            parameters of that PDU. Supporting a PDU while having no ability to parse a valid parameter is non-
            conformant. Support for a parameter on a PDU means that the semantics of that parameter are supported.

Values allowed column

The values allowed column contains the type, the list, the range, or the length of values allowed. The following notations are used:

- range of values: <min value> .. <max value>

  example: 5 .. 20

- list of values: <value1>, <value2>, ..., <valueN>

  example: 2, 4, 6, 8, 9

  example: '1101'B, '1011'B, '1111'B

  example: '0A'H, '34'H, '2F'H

- list of named values: <name1>(<val1>), <name2>(<val2>), ..., <nameN>(<valN>)

  example: reject(1), accept(2)

- length: size (<min size> .. <max size>)

  example: size (1 .. 8)

Values supported column

The values supported column shall be filled in by the supplier of the implementation. In this column, the values or the ranges of values supported by the implementation shall be indicated.

References to items

For each possible item answer (answer in the support column) within the ICS proforma a unique reference exists, used, for example, in the conditional expressions. It is defined as the table identifier, followed by a solidus character "/", followed by the item number in the table. If there is more than one support column in a table, the columns are discriminated by letters (a, b, etc.), respectively.

EXAMPLE 2: A.5/4 is the reference to the answer of item 4 in table 5 of annex A.

EXAMPLE 3: A.6/3b is the reference to the second answer (i.e. in the second support column) of item 3 in table 6 of annex A.

Prerequisite line

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

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

A.1.3 Instructions for completing the ICS proforma

The supplier of the implementation shall complete the ICS proforma in each of the spaces provided. In particular, an explicit answer shall be entered, in each of the support or supported column boxes provided, using the notation described in subclause A.1.2.

If necessary, the supplier may provide additional comments in space at the bottom of the tables or separately.

More detailed instructions are given at the beginning of the different subclauses of the ICS proforma.

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.

If the answer to the statement in clause A.5 is "Yes", all subsequent subclauses should be completed to facilitate selection of test cases for optional functions.

If the answer to the statement in clause A.5 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.1.4   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: "Intelligent Network (IN); Intelligent Network Application Protocol (INAP); Capability Set 2; Part 1: Protocol specification".

A.5   Global statement of conformance

Are all mandatory capabilities implemented? (Yes/No)   ....

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

A.6   PICS proforma tables

A.6.1   SSF

A.6.1.1   Physical entities

Table A.1: Physical entities

Item	Name	Reference	Status	Support
1.1	SCP	4.1.2	n/a	
1.2	SSP	4.1.2	M	
1.3	IP	4.1.2	n/a	
NOTE: 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	14.5.1.	O	
2.2	Assisting-SSP-capability	14.5.1 (note)	O	
NOTE: See cases iii) and v) in figure 14-4 in EN 301 140-1 [1].				

A.6.1.2   External interfaces

Table A.3: External interfaces

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

A.6.1.3   Application contexts supported

Table A.4: Application contexts

Item	Name	Ref.	Initiator Status	Initiator Support	Responder Status	Responder Support
4.1	ETSI-INAP-CS2-SSF-to-SCF-Generic-AC	6.2	M		n/a	
4.2	ETSI-INAP-CS2-assist-handoff-SSF-to-SCF-AC	6.2	M		n/a	
4.3	ETSI-INAP-CS2-SSF-to-SCF-service-management-AC	6.2	M		n/a	
4.4	ETSI-INAP-CS2-SCF-to-SSF-Generic-AC	6.2	n/a		M	
4.5	ETSI-INAP-CS2-SCF-to-SSF-traffic-management-AC	6.2	n/a		M	
4.6	ETSI-INAP-CS2-SCF-to-SSF-service-management-AC	6.2	n/a		M	
4.7	ETSI-INAP-CS2-SCF-to-SSF-trigger-management-AC	6.2	n/a		O	
4.8	ETSI-INAP-CS2-SRF-to-SCF-AC	7.2	n/a		n/a	

A.6.1.4   Operations supported

Table A.5: Application Service Elements (ASEs)

Item	Name (opcode)	Ref.	Invoke-Request		Invoke-Indication	
			Status	Support	Status	Support
5.1	activateServiceFiltering (42)	5,6,18	n/a		M	
5.2	activityTest (55)	5,6,18	n/a		M	
5.3	applyCharging (35)	5,6,18	n/a		O	
5.4	applyChargingReport (36)	5,6,18	O		n/a	
5.5	assistRequestInstructions (16)	5,6,18	M		n/a	
5.6	callGap (41)	5,6,18	n/a		M	
5.7	callInformationReport (44)	5,6,18	M		n/a	
5.8	callInformationRequest (45)	5,6,18	n/a		M	
5.9	cancel (53)	5,6,18	n/a		M	
5.10	collectInformation (27)	5,6,18	n/a		M	
5.11	connect (20)	5,6,18	n/a		M	
5.12	connectToResource (19)	6,6,18	n/a		M	
5.13	continue (31)	5,6,18	n/a		M	
5.14	continueWithArguments (88)	5,6,18	n/a		M	
5.15	createCallSegmentAssociation (89)	5,6,18	n/a		O	
5.16	disconnectForwardConnection (18)	5,6,18	n/a		M	
5.17	dFCWithArgument (86)	5,6,18	n/a		M	
5.18	disconnectLeg (90)	5,6,18	n/a		M	
5.19	entityReleased (96)	5,6,18	M		n/a	
5.20	establishTemporaryConnection (17)	5,6,18	n/a		M	
5.21	eventNotificationCharging (26)	5,6,18	O		n/a	
5.22	eventReportBCSM (24)	5,6,18	M		n/a	
5.23	furnishChargingInformation (34)	5,6,18	n/a		O	
5.24	initialDP (0)	5,6,18	M		n/a	
5.25	initiateCallAttempt (32)	5,6,18	n/a		M	
5.26	manageTriggerData (97)	5,6,18	n/a		M	
5.27	mergeCallSegments (91)	5,6,18	n/a		M	
5.28	moveCallSegments (92)	5,6,18	n/a		M	
5.29	moveLeg (93)	5,6,18	n/a		M	
5.30	releaseCall (22)	5,6,18	n/a		M	
5.31	reportUTSI (101)	5,6,18	O		n/a	
5.32	requestNotificationChargingEvent (25)	5,6,18	n/a		O	
5.33	requestReportBCSMEvent (23)	5,6,18	n/a		M	
5.34	requestReportUTSI (98)	5,6,18	n/a		O	
5.35	resetTimer (33)	5,6,18	n/a		M	
5.36	sendChargingInformation (46)	5,6,18	n/a		O	
5.37	sendSTUI (100)	5,6,18	n/a		O	
5.38	serviceFilteringResponse (43)	5,6,18	M		n/a	
5.39	splitLeg (95)	5,6,18	n/a		M	
5.40	playAnnouncement (47)	5,7,18	n/a		M	
5.41	promptAndCollectUserInformation (48)	5,7,18	n/a		M	
5.42	promtAndReceiveMessage (107)	5,7,18	n/a		O	
5.43	scriptClose (111)	5,7,18	n/a		O	
5.44	scriptEvent (109)	5,7,18	O		n/a	
5.45	scriptInformation (108)	5,7,18	n/a		O	
5.46	scriptRun (110)	5,7,18	n/a		O	
5.47	specializedResourceReport (49)	5,7,18	M		n/a	

A.6.1.5 Supported Arguments, Results and Errors

A.6.1.5.1 ActivateServiceFiltering

Table A.6: ActivateServiceFiltering invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
6.1	filteredCallTreatment	5.1	M			
6.2	. sfBillingChargingCharacteristics	5.1	M			
6.3	. informationToSend	5.1	M			
6.4	.. inbandInfo	5.1	o.1			
6.5	… messageID	5.1	c:M			
6.6	…. ElementaryMessageID	5.1	o.2		$0..2^{31}-1$	
6.7	…. Text	5.1	o.2			
6.8	….. messageContent	5.1	c:M			
6.9	….. attributes	5.1	c:O			
6.10	…. ElementaryMessageIDs	5.1	o.2			
6.11	…. VariableMessage	5.1	o.2			
6.12	….. elementaryMessageID	5.1	c:M		$0..2^{31}-1$	
6.13	….. variableParts	5.1	c:M		1..5	
6.14	…… integer	5.1	o.3		$0..2^{31}-1$	
6.15	…… number	5.1	o.3			
6.16	…… time	5.1	o.3			
6.17	…… date	5.1	o.3			
6.18	…… price	5.1	o.3			
6.19	… numberOfRepetitions	5.1	c:M		1..127	
6.20	… duration	5.1	c:M		$0..2^{15}-1$	
6.21	… interval	5.1	c:M		$0..2^{15}-1$	
6.22	.. tone	5.1	o.1			
6.23	… toneID	5.1	c:M		$0..2^{31}-1$	
6.24	… duration	5.1	c:M		$0..2^{31}-1$	
6.25	.. displayInformation	5.1	o.1			
6.26	. maximumNumberOfCounters	5.1	M		1..100	
6.27	. releaseCause	5.1	M			
6.28	. sFTariffMessage	5.1	O			
6.29	.. chargingTariffInformation	5.1	O			
6.30	filteringCharacteristics	5.1	M			
6.31	. interval	5.1	M		-1..32000	
6.32	. numberOfCalls	5.1	M		$0..2^{31}-1$	
6.33	filteringTimeOut	5.1	M			
6.34	. duration	5.1	M		-2..86400	
6.35	. stopTime	5.1	M			
6.36	filteringCriteria	5.1	M			
6.37	. serviceKey	5.1	o.4		$0..2^{31}-1$	
6.38	. addressAndService	5.1	o.4			
6.39	.. calledAddressValue	5.1	c:M			
6.40	.. serviceKey	5.1	c:M		$0..2^{31}-1$	
6.41	.. callingAddressValue	5.1	c:M			
6.42	.. locationNumber	5.1	c:O			
6.43	startTime	5.1	M			
6.44	extensions	5.1	O			
6.45	. type	5.1	c:M			
6.46	. criticality	5.1	c:M			
6.47	. value	5.1	c:M			

Table A.7: ActivateServiceFiltering errors

Item	Name	Ref.	Status	Support
7.1	missingParameter	5.2	O	
7.2	parameterOutOfRange	5.2	O	
7.3	systemFailure	5.2	O	
7.4	taskRefused	5.2	O	
7.5	unexpectedComponentSequence	5.2	O	
7.6	unexpectedParameter	5.2	O	

A.6.1.5.2 ActivityTest

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

A.6.1.5.3 ApplyCharging

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.8: ApplyCharging invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
8.1	achBillingChargingCharacteristics	5.1	M			
8.2	sendCalcultionToSCPIndication	5.1	O		True	
8.3	partyToCharge	5.1	M			
8.4	. sendingSideID	5.1	M			
8.5	. receivingSideID	5.1	n/a			
8.6	extensions	5.1	O			
8.7	. type	5.1	c:M			
8.8	. criticality	5.1	c:M			
8.9	. value	5.1	c:M			

Table A.9: ApplyCharging errors

Item	Name	Ref.	Status	Support
9.1	missingParameter	5.2	O	
9.2	unexpectedComponentSequence	5.2	O	
9.3	unexpectedParameter	5.2	O	
9.4	unexpectedDataValue	5.2	O	
9.5	parameterOutOfRange	5.2	O	
9.6	systemFailure	5.2	O	
9.7	taskRefused	5.2	O	
9.8	unknownLegID	5.2	O	

A.6.1.5.4 ApplyChargingReport

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.10: ApplyChargingReport invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
10.1	callResult	5.1	M			

Table A.11: ApplyChargingReport errors

Item	Name	Ref.	Status	Support
11.1	missingParameter	5.2	M	
11.2	unexpectedComponentSequence	5.2	M	
11.3	unexpectedParameter	5.2	M	
11.4	unexpectedDataValue	5.2	M	
11.5	parameterOutOfRange	5.2	M	
11.6	systemFailure	5.2	M	
11.7	taskRefused	5.2	M	

A.6.1.5.5   AssistRequestInstructions

Table A.12: AssistRequestInstructions invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
12.1	correlationID	5.1	M			
12.2	iPAvailable	5.1	O			
12.3	iPSSPCapabilities	5.1	O			
12.4	extensions	5.1	O			
12.5	. type	5.1	c:M			
12.6	. criticality	5.1	c:O			
12.7	. value	5.1	c:M			

Table A.13: AssistRequestInstructions errors

Item	Name	Ref.	Status	Support
13.1	missingCustomerRecord	5.2	M	
13.2	missingParameter	5.2	M	
13.3	systemFailure	5.2	M	
13.4	taskRefused	5.2	M	
13.5	unexpectedComponentSequence	5.2	M	
13.6	unexpectedDataValue	5.2	M	
13.7	unexpectedParameter	5.2	M	

A.6.1.5.6 CallGap

Table A.14: CallGap invocation arguments

Item	Name	Ref.	Status	Support	Value Allowed	Value Support
					Allowed	**Support**
14.1	gapCriteria	5.1	M			
14.2	. calledAddressValue	5.1	o.1			
14.3	. gapOnService	5.1	o.1			
14.4	.. serviceKey	5.1	c:M		$0..2^{31} - 1$	
14.5	. gapAllInTraffic	5.1	o.1			
14.6	. calledAddressAndService	5.1	o.1			
14.7	.. calledAddressValue	5.1	c:M			
14.8	.. serviceKey	5.1	c:M		$0..2^{31} - 1$	
14.9	. callingAddressAndService	5.1	o.1			
14.10	.. callingAddressValue	5.1	c:M			
14.11	.. serviceKey	5.1	c:M		$0..2^{31} - 1$	
14.12	.. locationNumber	5.1	c:O			
14.13	gapIndicators	5.1	M			
14.14	. duration	5.1	M		-2..86400	
14.15	. gapInterval	5.1	M		-1..60000	
14.16	controlType	5.1	O		0, 1, 2	
14.17	gapTreatment	5.1	O			
14.18	. informationToSend	5.1	c:M			
14.19	.. inbandInfo	5.1	o.2			
14.20	… messageID	5.1	c:M			
14.21	…. elementaryMessageID	5.1	o.3		$0..2^{31} - 1$	
14.22	…. text	5.1	o.3			
14.23	….. messageContent	5.1	c:M			
14.24	….. attributes	5.1	c:O			
14.25	…. elementaryMessageIDs	5.1	o.3			
14.26	…. variableMessage	5.1	o.3			
14.27	….. elementaryMessageID	5.1	c:M		$0..2^{31} - 1$	
14.28	….. variableParts	5.1	c:M		1..5	
14.29	…… integer	5.1	o.4		$0..2^{31} - 1$	
14.30	…… number	5.1	o.4			
14.31	…… time	5.1	o.4			
14.32	…… date	5.1	o.4			
14.33	…… price	5.1	o.4			
14.34	… numberOfRepetitions	5.1	c:M		1..127	
14.35	… duration	5.1	c:M		$0..2^{15} - 1$	
14.36	… interval	5.1	c:M		$0..2^{15} - 1$	
14.37	.. tone	5.1	o.2			
14.38	… toneID	5.1	c:M		$0..2^{31} - 1$	
14.39	… duration	5.1	c:M		$0..2^{31} - 1$	
14.40	.. displayInformation	5.1	o.2			
14.41	. releaseCause	5.1	c:M			
14.42	. both	5.1	c:M			
14.43	.. informationToSend	5.1	c:M			
14.44	... inbandInfo	5.1	o.5			
14.45	…. messageID	5.1	c:M			
14.46	….. elementaryMessageID	5.1	o.7		$0..2^{31} - 1$	
14.47	….. text	5.1	o.7			
14.48	…… messageContent	5.1	c:M			
14.49	…… attributes	5.1	c:O			
14.50	….. elementaryMessageIDs	5.1	o.7			
14.51	….. variableMessage	5.1	o.7			
14.52	…… elementaryMessageID	5.1	c:M		$0..2^{31} - 1$	
14.53	…… variableParts	5.1	c:M		1..5	
14.54	……. integer	5.1	o.6		$0..2^{31} - 1$	
14.55	……. number	5.1	o.6			
14.56	……. time	5.1	o.6			
14.57	……. date	5.1	o.6			

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
14.58	……. price	5.1	o.6			
14.59	…. numberOfRepetitions	5.1	c:M		1..127	
14.60	…. duration	5.1	c:M		$0..2^{15} - 1$	
14.61	…. interval	5.1	c:M		$0..2^{15} - 1$	
14.62	... tone	5.1	o.5			
14.63	…. toneID	5.1	c:M		$0..2^{31} - 1$	
14.64	…. duration	5.1	c:M		$0..2^{31} - 1$	
14.65	... displayInformation	5.1	o.5			
14.66	.. releaseCause	5.1	c:M			
14.67	extensions	5.1	O			
14.68	. type	5.1	c:M			
14.69	. criticality	5.1	c:M			
14.70	. value	5.1	c:M			

A.6.1.5.7 CallInformationReport

Table A.15: CallInformationReport invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
15.1	requestedInformationList (Note)	5.1	M			
15.2	. requestedInformationType	5.1	M (note)		0..3, 30	
15.3	. requestedInformationValue	5.1	M			
15.4	.. callAttemptElapsedTimeValue	5.1	o.1		0..255	
15.5	.. callStopTimeValue	5.1	o.1			
15.6	.. callConnectedElapsedTimeValue	5.1	o.1		$0..2^{31} - 1$	
15.7	.. calledAddressValue	5.1	o.1			
15.8	.. releaseCauseValue	5.1	o.1			
15.9	extensions	5.1	O			
15.10	. type	5.1	c:M			
15.11	. criticality	5.1	c:O			
15.12	. value	5.1	c:M			
15.13	legID	5.1	O			
15.14	. sendingSideID	5.1	n/a			
15.15	. receivingSideID	5.1	M			
NOTE:	As CallInformationReport is the response to a previous CallInformationRequest, the CallInformationReport shall support all possible values of requestedInformationList.					

A.6.1.5.8 CallInformationRequest

Table A.16: CallInformationRequest invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
16.1	requestedInformationTypeList	5.1	M		0..3, 30	
16.2	extensions	5.1	O			
16.3	. type	5.1	c:M			
16.4	. criticality	5.1	c:M			
16.5	. value	5.1	c:M			
16.6	legID	5.1	O			
16.7	. sendingSideID	5.1	M			
16.8	. receivingSideID	5.1	n/a			

Table A.17: CallInformationRequest errors

Item	Name	Ref.	Status	Support
17.1	missingParameter	5.2	O	
17.2	parameterOutOfRange	5.2	O	
17.3	requestedInfoError	5.2	O	
17.4	systemFailure	5.2	O	
17.5	taskRefused	5.2	O	
17.6	unexpectedComponentSequence	5.2	O	
17.7	unexpectedDataValue	5.2	O	
17.8	unexpectedParameter	5.2	O	
17.9	unknownLegID	5.2	O	

A.6.1.5.9   Cancel

Table A.18: Cancel invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
18.1	invokeID	5.1	M		-128..127	
18.2	allRequests	5.1	M			
18.3	callSegmentToCancel	5.1	M			
18.4	. invokeID	5.1	M		-128..127	
18.5	. callSegmentID	5.1	M			
18.6	extensions	5.1	O			
18.7	. type	5.1	c:M			
18.8	. criticality	5.1	c:M			
18.9	. value	5.1	c:M			

Table A.19: Cancel errors

Item	Name	Ref.	Status	Support
19.1	cancelFailed	5.2	O	
19.2	missingParameter	5.2	O	
19.3	taskRefused	5.2	O	

A.6.1.5.10   CollectInformation

Table A.20: CollectInformation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
20.1	extensions	5.1	O			
20.2	. type	5.1	c:M			
20.3	. criticality	5.1	c:M			
20.4	. value	5.1	c:M			

Table A.21: CollectInformation errors

Item	Name	Ref.	Status	Support
21.1	missingParameter	5.2	O	
21.2	systemFailure	5.2	O	
21.3	taskRefused	5.2	O	
21.4	unexpectedComponentSequence	5.2	O	
21.5	unexpectedDataValue	5.2	O	
21.6	unexpectedParameter	5.2	O	

A.6.1.5.11   Connect

Table A.22: Connect invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
22.1	destinationRoutingAddress	5.1	M			
22.2	alertingPattern	5.1	M			
22.3	correlationID	5.1	M			
22.4	cutAndPaste	5.1	M		0..22	
22.5	iSDNAccessRelatedInformation	5.1	O			
22.6	originalCalledPartyID	5.1	M			
22.7	routeList	5.1	O			
22.8	scfID	5.1	M			
22.9	extensions	5.1	O			
22.10	. type	5.1	c:M			
22.11	. criticality	5.1	c:M			
22.12	. value	5.1	c:M			
22.13	carrier	5.1	O			
22.14	serviceInteractionIndicators	5.1	O			
22.15	callingPartyNumber	5.1	M			
22.16	callingPartysCategory	5.1	M			
22.17	redirectingPartyID	5.1	M			
22.18	redirectionInformation	5.1	M			
22.19	displayInformation	5.1	M			
22.20	forwardCallIndicators	5.1	M			
22.21	genericNumbers	5.1	M			
22.22	serviceInteractionIndicatorsTwo	5.1	M			
22.23	. forwardServiceInteractionInd	5.1	O			
22.24	.. conferenceTreatmentIndicator	5.1	O			
22.25	.. callDiversiontreatmentIndicator	5.1	O			
22.26	.. callOfferingTreatmentIndicator	5.1	O			
22.27	.. callingPartyRestrictionIndicator	5.1	O			
22.28	. backwardServiceInteractionInd	5.1	O			
22.29	.. conferenceTreatmentIndicator	5.1	O			
22.30	.. callCompletionTreatmentIndicator	5.1	O			
22.31	. bothwayThroughConnectionInd	5.1	n/a			
22.32	. suspendTimer	5.1	O		-1..120	
22.33	. connectedNumberTreatmentInd	5.1	O		0, 1, 2, 3	
22.34	. suppressCallDiversionNotification	5.1	O			
22.35	. suppressCallTransferNotification	5.1	O			
22.36	. allowCdINNoPresentationInd	5.1	O			
22.37	. userDialogueDurationInd	5.1	n/a			
22.38	iNServiceCompatibilityResponse	5.1	O			
22.39	. agreements	5.1	c:M			
22.40	. networkSpecific	5.1	c:M			
22.41	forwardGVNS	5.1	O			
22.42	backwardGVNS	5.1	O			
22.43	callSegmentID	5.1	M			
22.44	legToBeCreated	5.1	M			
22.45	locationNumber	5.1	O			
22.46	bearerCapability	5.1	O			
22.47	. bearerCap	5.1	c:M			
22.48	. tmr	5.1	c:O			
22.49	suppressionOfAnnouncement	5.1	O			
22.50	oCSIApplicable	5.1	O			

Table A.23: Connect errors

Item	Name	Ref.	Status	Support
23.1	missingParameter	5.2	O	
23.2	parameterOutOfRange	5.2	O	
23.3	systemFailure	5.2	O	
23.4	taskRefused	5.2	O	
23.5	unexpectedComponentSequence	5.2	O	
23.6	unexpectedDataValue	5.2	O	
23.7	unexpectedParameter	5.2	O	

A.6.1.5.12 ConnectToResource

Table A.24: ConnectToResource invocation arguments

Item	Name	Ref.	Status	Support	Value Allowed	Value Support
24.1	recourceAddress	5.1	M			
24.2	. iPRoutingAddress	5.1	o.1			
24.3	. legID	5.1	M			
24.4	.. sendingSideID	5.1	M			
24.5	.. receivingSideID	5.1	n/a			
24.6	. iPAddressAndLegID	5.1	o.1			
24.7	.. iPRoutingAddress	5.1	c:O			
24.8	.. legID	5.1	c:M			
24.9	... sendingSideID	5.1	M			
24.10	... receivingSideID	5.1	n/a			
24.11	. none	5.1	o.1			
24.12	. callSegmentID	5.1	M			
24.13	. iPAddressAndCallSegment	5.1	o.1			
24.14	.. iPRoutingAddress	5.1	c:O			
24.15	.. callSegmentID	5.1	c:M			
24.16	extensions	5.1	O			
24.17	. type	5.1	c:M			
24.18	. criticality	5.1	c:M			
24.19	. value	5.1	c:M			
24.20	serviceInteractionIndicators	5.1	O			
24.21	serviceInteractionIndicatorsTwo	5.1	M			
24.22	. forwardServiceInteractionInd	5.1	n/a			
24.23	.. conferenceTreatmentIndicator	5.1	n/a			
24.24	.. callDiversiontreatmentIndicator	5.1	n/a			
24.25	.. callOfferingTreatmentIndicator	5.1	n/a			
24.26	.. callingPartyRestrictionIndicator	5.1	n/a			
24.27	. backwardServiceInteractionInd	5.1	O			
24.28	.. conferenceTreatmentIndicator	5.1	O			
24.29	.. callCompletionTreatmentIndicator	5.1	O			
24.30	. bothwayThroughConnectionInd	5.1	M			
24.31	. suspendTimer	5.1	n/a			
24.32	. connectedNumberTreatmentInd	5.1	O		0, 1, 2, 3	
24.33	. suppressCallDiversionNotification	5.1	n/a			
24.34	. suppressCallTransferNotification	5.1	n/a			
24.35	. allowCdINNoPresentationInd	5.1	n/a			
24.36	. userDialogueDurationInd	5.1	O			

Table A.25: ConnectToResource errors

Item	Name	Ref.	Status	Support
25.1	missingParameter	5.2	O	
25.2	systemFailure	5.2	O	
25.3	taskRefused	5.2	O	
25.4	unexpectedComponentSequence	5.2	O	
25.5	unexpectedDataValue	5.2	O	
25.6	unexpectedParameter	5.2	O	
25.7	unknownLegID	5.2	O	

A.6.1.5.13   Continue

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

A.6.1.5.14   ContinueWithArguments

Table A.26: ContinueWithArguments arguments

Item	Name	Ref.	Status	Support	Value Allowed	Value Support
26.1	legorCSID	5.1	M			
26.2	. legID	5.1	M			
26.3	.. sendingSideID	5.1	M			
26.4	.. receivingSideID	5.1	n/a			
26.5	. callSegmentID	5.1	O			
26.6	alertingPattern	5.1	M			
26.7	genericName	5.1	M			
26.8	iNServiceCompatibilityResponse	5.1	O			
26.9	. agreements	5.1	c:M			
26.10	. networkSpecific	5.1	c:M			
26.11	forwardGVNS	5.1	O			
26.12	backwardGVNS	5.1	O			
26.13	extensions	5.1	O			
26.14	. type	5.1	c:M			
26.15	. criticality	5.1	c:M			
26.16	. value	5.1	c:M			
26.17	serviceInteractionIndicatorsTwo	5.1	M			
26.18	. forwardServiceInteractionInd	5.1	O			
26.19	.. conferenceTreatmentIndicator	5.1	O			
26.20	.. callDiversiontreatmentIndicator	5.1	O			
26.21	.. callOfferingTreatmentIndicator	5.1	O			
26.22	.. callingPartyRestrictionIndicator	5.1	O			
26.23	. backwardServiceInteractionInd	5.1	O			
26.24	.. conferenceTreatmentIndicator	5.1	O			
26.25	.. callCompletionTreatmentIndicator	5.1	O			
26.26	. bothwayThroughConnectionInd	5.1	n/a			
26.27	. suspendTimer	5.1	O		-1..120	
26.28	. connectedNumberTreatmentInd	5.1	O		0, 1, 2, 3	
26.29	. suppressCallDiversionNotification	5.1	O			
26.30	. suppressCallTransferNotification	5.1	O			
26.31	. allowCdINNoPresentationInd	5.1	O			
26.32	. userDialogueDurationInd	5.1	n/a			
26.33	locationNumber	5.1	O			

Table A.27: ContinueWithArguments errors

Item	Name	Ref.	Status	Support
27.1	missingParameter	5.2	O	
27.2	unexpectedComponentSequence	5.2	O	
27.3	unexpectedDataValue	5.2	O	
27.4	unexpectedParameter	5.2	O	
27.5	unknownLegID	5.2	O	

A.6.1.5.15 CreateCallSegmentAssociation

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.28: CreateCallSegmentAssociation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
28.1	extensions	5.1	O			
28.2	. type	5.1	c:M			
28.3	. criticality	5.1	c:M			
28.4	. value	5.1	c:M			

Table A.29: CreateCallSegmentAssociation results

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
29.1	newCallSegmentAssociation	5.1	M			
29.1	extensions	5.1	O			
29.2	. type	5.1	c:M			
29.3	. criticality	5.1	c:O			
29.4	. value	5.1	c:M			

Table A.30: CreateCallSegmentAssociation errors

Item	Name	Ref.	Status	Support
30.1	missingParameter	5.2	O	
30.2	systemFailure	5.2	O	
30.3	taskRefused	5.2	O	
30.4	unexpectedComponentSequence	5.2	O	
30.5	unexpectedDataValue	5.2	O	
30.6	unexpectedParameter	5.2	O	

A.6.1.5.16 DisconnectForwardConnection

Table A.31: DisconnectForwardConnection errors

Item	Name	Ref.	Status	Support
31.1	systemFailure	5.2	O	
31.2	taskRefused	5.2	O	
31.3	unexpectedComponentSequence	5.2	O	

A.6.1.5.17   DisconnectForwardConnectionWithArguments

Table A.32: DisconnectForwardConnectionWithArguments invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
32.1	partyToDisconnect	5.1	M			
32.2	. legID	5.1	M			
32.3	.. sendingSideID	5.1	M			
32.4	.. receivingSideID	5.1	n/a			
32.5	. callSegmentID	5.1	M			
32.6	extensions	5.1	O			
32.7	. type	5.1	c:M			
32.8	. criticality	5.1	c:M			
32.9	. value	5.1	c:M			

Table A.33: DisconnectForwardConnectionWithArguments errors

Item	Name	Ref.	Status	Support
33.1	missingParameter	5.2	O	
33.2	systemFailure	5.2	O	
33.3	taskRefused	5.2	O	
33.4	unexpectedComponentSequence	5.2	O	
33.5	unexpectedDataValue	5.2	O	
33.6	unexpectedParameter	5.2	O	
33.7	unknownLegID	5.2	O	

A.6.1.5.18   DisconnectLeg

Table A.34: DisconnectLeg arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
34.1	legToBeReleased	5.1	M			
34.2	. sendingSideID	5.1	M			
34.3	. receivingSideID	5.1	n/a			
34.4	releaseCause	5.1	M			
34.5	extensions	5.1	O			
34.6	. type	5.1	c:M			
34.7	. criticality	5.1	c:M			
34.8	. value	5.1	c:M			

Table A.35: DisconnectLeg errors

Item	Name	Ref.	Status	Support
35.1	missingParameter	5.2	O	
35.2	systemFailure	5.2	O	
35.3	taskRefused	5.2	O	
35.4	unexpectedComponentSequence	5.2	O	
35.5	unexpectedDataValue	5.2	O	
35.6	unexpectedParameter	5.2	O	
35.7	unknownLegID	5.2	O	

A.6.1.5.19 EntityReleased

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.36: EntityReleased arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
36.1	cSFailure	5.1	M			
36.2	. callSegmentID	5.1	M			
36.3	. reason	5.1	O			
36.4	. cause	5.1	O			
36.5	bCSMFailure	5.1	M			
36.6	. legID	5.1	M			
36.7	.. sendingSideID	5.1	n/a			
36.8	.. receivingSideID	5.1	M			
36.9	. reason	5.1	O			
36.10	. cause	5.1	O			

A.6.1.5.20 EstablishTemporaryConnection

Table A.37: EstablishTemporaryConnection invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
37.1	assistingSSPIPRoutingAddress	5.1	M			
37.2	correlationID	5.1	M			
37.3	partyToConnect	5.1	M			
37.4	. legID	5.1	M			
37.5	.. sendingSideID	5.1	M			
37.6	.. receivingSideID	5.1	n/a			
37.7	. callSegmentID	5.1	M			
37.8	scfID	5.1	M			
37.9	extensions	5.1	O			
37.10	. type	5.1	c:M			
37.11	. criticality	5.1	c:M			
37.12	. value	5.1	c:M			
37.13	serviceInteractionIndicators	5.1	O			
37.14	serviceInteractionIndicatorsTwo	5.1	M			
37.15	. forwardServiceInteractionInd	5.1	n/a			
37.16	.. conferenceTreatmentIndicator	5.1	n/a			
37.17	.. callDiversiontreatmentIndicator	5.1	n/a			
37.18	.. callOfferingTreatmentIndicator	5.1	n/a			
37.19	.. callingPartyRestrictionIndicator	5.1	n/a			
37.20	. backwardServiceInteractionInd	5.1	O			
37.21	.. conferenceTreatmentIndicator	5.1	O			
37.22	.. callCompletionTreatmentIndicator	5.1	O			
37.23	. bothwayThroughConnectionInd	5.1	M			
37.24	. suspendTimer	5.1	n/a			
37.25	. connectedNumberTreatmentInd	5.1	O		0, 1, 2, 3	
37.26	. suppressCallDiversionNotification	5.1	n/a			
37.27	. suppressCallTransferNotification	5.1	n/a			
37.28	. allowCdINNoPresentationInd	5.1	n/a			
37.29	. userDialogueDurationInd	5.1	O			

Table A.38: EstablishTemporaryConnection errors

Item	Name	Ref.	Status	Support
38.1	eTCFailed	5.2	O	
38.2	missingParameter	5.2	O	
38.3	systemFailure	5.2	O	
38.4	taskRefused	5.2	O	
38.5	unexpectedComponentSequence	5.2	O	
38.6	unexpectedDataValue	5.2	O	
38.7	unexpectedParameter	5.2	O	
38.8	unknownLegID	5.2	O	

A.6.1.5.21   EventNotificationCharging

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.39: EventNotificationCharging invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
39.1	eventTypeCharging	5.1	M			
39.2	eventSpecificInformationCharging	5.1	O			
39.3	legID	5.1	M			
39.4	. sendingSideID	5.1	n/a			
39.5	. receivingSideID	5.1	M			
39.6	extensions	5.1	O			
39.7	. type	5.1	c:M			
39.8	. criticality	5.1	c:O			
39.9	. value	5.1	c:M			
39.10	monitorMode	5.1	O		0, 1, 2	
39.11	eventTypeTariff	5.1	O		0, 1, 2, 3	
39.12	eventSpecificInformationTariff	5.1	O			

A.6.1.5.22   EventReportBCSM

Table A.40: EventReportBCSM invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
40.1	eventTypeBCSM	5.1	M		1-10, 12-21, 24-27	
40.2	eventSpecificInformationBCSM	5.1	O			
40.3	. collectedInfoSpecificInfo	5.1	c:o.1			
40.4	.. calledPartyNumber	5.1	c:M			
40.5	. analysedInfoSpecificInfo	5.1	c:o.1			
40.6	.. calledPartyNumber	5.1	c:M			
40.7	. routeSelectFailureSpecificInfo	5.1	c:o.1			
40.8	.. failureCause	5.1	c:M			
40.9	. oCalledPartyBusySpecificInfo	5.1	c:o.1			
40.10	.. busyCause	5.1	c:M			
40.11	. oAnswerSpecificInfo	5.1	c:o.1			
40.12	.. backwardGVNS	5.1	c:O			
40.13	. oMidCallSpecificInfo	5.1	c:o.			
40.14	.. connectTime	5.1	c:O			
40.15	.. oMidCallInfo	5.1	c:M			
40.16	... iNServiceControlCode	5.1	c:M			
40.17	. oDisconnectSpecificInfo	5.1	c:o.1			
40.18	.. releaseCause	5.1	c:M			
40.19	.. connectTime	5.1	c:O			
40.20	. tCalledPartyBusySpecificInfo	5.1	c:o.1			
40.21	.. busyCause	5.1	c:M			
40.22	. tMidCallSpecificInfo	5.1	c:o.1			
40.23	.. connectTime	5.1	c:O			
40.24	.. tMidCallInfo	5.1	c:M			
40.25	... iNServiceControlCode	5.1	c:M			
40.26	. tDisconnectSpecificInfo	5.1	c:o.1			
40.27	.. releaseCause	5.1	c:M			
40.28	.. connectTime	5.1	c:O			
40.29	. oAbandon	5.1	c:0.1			
40.30	.. abandonCause	5.1	c:M			
40.31	. tAbandon	5.1	c:o.1			
40.32	.. abandonCause	5.1	c:M			
40.33	legID	5.1	O			
40.34	. sendingSideID	5.1	n/a			
40.35	. receivingSideID	5.1	c:M			
40.36	miscCallInfo	5.1	O			
40.37	. messageType	5.1	c:M		0, 1	
40.38	extensions	5.1	O			
40.39	. type	5.1	c:M			
40.40	. criticality	5.1	c:O			
40.41	. value	5.1	c:M			

A.6.1.5.23   FurnishChargingInformation

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.41: FurnishChargingInformation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
41.1	FCIBillingChargingCharacteristics	5.1	M			
41.2	. fCIBccCs1	5.1	o.1			
41.3	. fCIBccSequenceCc2	5.1	o.1			
41.4	.. fCIBccCs2	5.1	c:O			
41.5	.. tariff	5.1	c:M			
41.6	... chargingTariffInformation	5.1	c:o.2			
41.7	... addOnchargingInformation	5.1	c:o.2			

Table A.42: FurnishChargingInformation errors

Item	Name	Ref.	Status	Support
42.1	missingParameter	5.2	O	
42.2	taskRefused	5.2	O	
42.3	unexpectedComponentSequence	5.2	O	
42.4	unexpectedDataValue	5.2	O	
42.5	unexpectedParameter	5.2	O	

A.6.1.5.24 InitialDP

Table A.43: InitialDP invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
43.1	serviceKey	5.1	M		$0..2^{31} - 1$	
43.2	calledPartyNumber	5.1	O			
43.3	callingPartyNumber	5.1	O			
43.4	callingPartyBusinessGroupID	5.1	O			
43.5	callingPartysCategory	5.1	O			
43.6	cGEncountered	5.1	O		0, 1, 2	
43.7	iPSSPCapabilities	5.1	O			
43.8	iPAvailable	5.1	O			
43.9	locationNumber	5.1	O			
43.10	originalCalledPartyID	5.1	O			
43.11	terminalType	5.1	O			
43.12	extensions	5.1	O			
43.13	. type	5.1	c:M			
43.14	. criticality	5.1	c:O			
43.15	. value	5.1	c:M			
43.16	highLayerCompatibility	5.1	O			
43.17	serviceInteractionIndicators	5.1	O			
43.18	additionalCallingPartyNumber	5.1	O			
43.19	forwardCallIndicators	5.1	O			
43.20	bearerCapability	5.1	O			
43.21	. bearerCap	5.1	c:M			
43.22	. tmr	5.1	c:O			
43.23	eventTypeBCSM	5.1	O		1-10, 12-27	
43.24	redirectingPartyID	5.1	O			
43.25	redirectionInformation	5.1	O			
43.26	cause	5.1	O			
43.27	iSDNAccessRelatedInformation	5.1	O			
43.28	iNServiceCompatibilityIndications	5.1	O			
43.29	. agreements	5.1	c:M			
43.30	. networkSpecific	5.1	c:O			
43.31	genericNumbers	5.1	O			
43.32	serviceInteractionIndicatorsTwo	5.1	O			
43.33	. forwardServiceInteractionInd	5.1	c:O			
43.34	.. conferenceTreatmentIndicator	5.1	c:o.1			
43.35	.. callDiversiontreatmentIndicator	5.1	c:o.1			
43.36	.. callOfferingTreatmentIndicator	5.1	c:o.1			
43.37	.. callingPartyRestrictionIndicator	5.1	c:o.1			
43.38	. backwardServiceInteractionInd	5.1	c:O			
43.39	.. conferenceTreatmentIndicator	5.1	c:o.2			
43.40	.. callCompletionTreatmentIndicator	5.1	c:o.2			
43.41	. bothwayThroughConnectionInd	5.1	n/a			
43.42	. suspendTimer	5.1	n/a			
43.43	. connectedNumberTreatmentInd	5.1	n/a			
43.44	. suppressCallDiversionNotification	5.1	n/a			
43.45	. suppressCallTransferNotification	5.1	n/a			
43.46	. allowCdINNoPresentationInd	5.1	n/a			
43.47	. userDialogueDurationInd	5.1	n/a			
43.48	forwardGVNS	5.1	O			
43.49	createdCallSegmentAssociation	5.1	O			
43.50	uSIServiceIndicator	5.1	O			
43.51	. global	5.1	c:o.3			
43.52	. local	5.1	c:o.3			
43.53	uSIInformation	5.1	O			
43.54	carrier	5.1	O			
43.55	iMSI	5.1	O			
43.56	subscriberState	5.1	O			
43.57	locationInformation	5.1	O			
43.58	ext-basicServiceCode	5.1	O			

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
43.59	callReferenceNumber	5.1	O			
43.60	mscAddress	5.1	O			
43.61	calledPartyBCDNumber	5.1	O			

Table A.44: InitialDP errors

Item	Name	Ref.	Status	Support
44.1	missingCustomerRecord	5.2	M	
44.2	missingParameter	5.2	M	
44.3	parameterOutOfRange	5.2	M	
44.4	systemFailure	5.2	M	
44.5	taskRefused	5.2	M	
44.6	unexpectedComponentSequence	5.2	M	
44.7	unexpectedDataValue	5.2	M	
44.8	unexpectedParameter	5.2	M	

A.6.1.5.25   InitiateCallAttempt

Table A.45: InitiateCallAttempt invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
45.1	destinationRoutingAddress	5.1	M			
45.2	alertingPattern	5.1	M			
45.3	iSDNAccessRelatedInformation	5.1	O			
45.4	extensions	5.1	O			
45.5	. type	5.1	c:M			
45.6	. criticality	5.1	c:M			
45.7	. value	5.1	c:M			
45.8	serviceInteractionIndicators	5.1	O			
45.9	callingPartyNumber	5.1	M			
45.10	legToBeCreated	5.1	M			
45.11	. sendingSideID	5.1	M			
45.12	. receivingSideID	5.1	n/a			
45.13	newCallSegment	5.1	M			
45.14	iNServiceCompatibiltyResponse	5.1	O			
45.15	. agreements	5.1	c:M			
45.16	. networkSpecific	5.1	c:M			
45.17	serviceInteractionIndicatorsTwo	5.1	M			
45.18	. forwardServiceInteractionInd	5.1	M			
45.19	.. conferenceTreatmentIndicator	5.1	O			
45.20	.. callDiversiontreatmentIndicator	5.1	O			
45.21	.. callOfferingTreatmentIndicator	5.1	O			
45.22	.. callingPartyRestrictionIndicator	5.1	O			
45.23	. backwardServiceInteractionInd	5.1	n/a			
45.24	.. conferenceTreatmentIndicator	5.1	n/a			
45.25	.. callCompletionTreatmentIndicator	5.1	n/a			
45.26	. bothwayThroughConnectionInd	5.1	n/a			
45.27	. suspendTimer	5.1	M		-1..120	
45.28	. connectedNumberTreatmentInd	5.1	n/a			
45.29	. suppressCallDiversionNotification	5.1	M			
45.30	. suppressCallTransferNotification	5.1	M			
45.31	. allowCdINNoPresentationInd	5.1	M			
45.32	. userDialogueDurationInd	5.1	n/a			
45.33	carrier	5.1	O			
45.34	locationNumber	5.1	O			
45.35	bearerCapability	5.1	O			
45.36	. bearerCap	5.1	c:M			
45.37	. tmr	5.1	c:O			

Table A.46: InitiateCallAttempt errors

Item	Name	Ref.	Status	Support
46.1	missingParameter	5.2	O	
46.2	parameterOutOfRange	5.2	O	
46.3	systemFailure	5.2	O	
46.4	taskRefused	5.2	O	
46.5	unexpectedComponentSequence	5.2	O	
46.6	unexpectedDataValue	5.2	O	
46.7	unexpectedParameter	5.2	O	

A.6.1.5.26   ManageTriggerData

Table A.47: ManageTriggerData arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
47.1	actionIndicator	5.1	M		1, 2, 3	
47.2	triggerDataIdentifier	5.1	M			
47.3	. triggerID	5.1	M		1-10, 12-27	
47.4	. profileIdentifier	5.1	M			
47.5	.. access	5.1	M			
47.6	.. group	5.1	M			
47.7	... trunkGroupID	5.1	o.1			
47.8	... privateFacilityID	5.1	o.1			
47.9	... huntGroup	5.1	o.1			
47.10	... routeIndex	5.1	o.1			
47.11	registratorIdentifier	5.1	O			
47.12	extensions	5.1	O			
47.13	. type	5.1	c:M			
47.14	. criticality	5.1	c:M			
47.15	. value	5.1	c:M			

Table A.48: ManageTriggerData results

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
48.1	actionPerformed	5.1	M		1, 2, 3, 4, 5, 6	
48.2	extensions	5.1	O			
48.3	. type	5.1	c:M			
48.4	. criticality	5.1	c:O			
48.5	. value	5.1	c:M			

Table A.49: ManageTriggerData errors

Item	Name	Ref.	Status	Support
49.1	missingParameter	5.2	O	
49.2	missingCustomerRecord	5.2	O	
49.3	parameterOutOfRange	5.2	O	
49.4	systemFailure	5.2	O	
49.5	taskRefused	5.2	O	
49.6	unexpectedComponentSequence	5.2	O	
49.7	unexpectedDataValue	5.2	O	
49.8	unexpectedParameter	5.2	O	

A.6.1.5.27 MergeCallSegments

Table A.50: MergeCallSegments arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
50.1	sourceCallSegments	5.1	M			
50.2	targetCallSegments	5.1	M			
50.3	extensions	5.1	O			
50.4	. type	5.1	c:M			
50.5	. criticality	5.1	c:M			
50.6	. value	5.1	c:M			

Table A.51: MergeCallSegments errors

Item	Name	Ref.	Status	Support
51.1	missingParameter	5.2	O	
51.2	systemFailure	5.2	O	
51.3	taskRefused	5.2	O	
51.4	unexpectedComponentSequence	5.2	O	
51.5	unexpectedDataValue	5.2	O	
51.6	unexpectedParameter	5.2	O	

A.6.1.5.28 MoveCallSegments

Table A.52: MoveCallSegments arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
52.1	targetCallSegmentAssociation	5.1	M			
52.2	CallSegments	5.1	M			
52.3	. sourceCallSegment	5.1	M			
52.4	. newCallSegment	5.1	M			
52.5	legs	5.1	M			
52.6	. sourceLeg	5.1	M			
52.7	.. sendingSideID	5.1	M			
52.8	.. receivingSideID	5.1	n/a			
52.9	. newLeg	5.1	M			
52.10	.. sendingSideID	5.1	M			
52.11	.. receivingSideID	5.1	n/a			
52.12	extensions	5.1	O			
52.13	. type	5.1	c:M			
52.14	. criticality	5.1	c:M			
52.15	. value	5.1	c:M			

Table A.53: MoveCallSegments errors

Item	Name	Ref.	Status	Support
53.1	missingParameter	5.2	O	
53.2	systemFailure	5.2	O	
53.3	taskRefused	5.2	O	
53.4	unexpectedComponentSequence	5.2	O	
53.5	unexpectedDataValue	5.2	O	
53.6	unexpectedParameter	5.2	O	
53.7	unknownLegID	5.2	O	

A.6.1.5.29   MoveLeg

Table A.54: MoveLeg arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
54.1	legIDToMove	5.1	M			
54.2	. sendingSideID	5.1	M			
54.3	. receivingSideID	5.1	n/a			
54.4	targetCallSegment	5.1	M			
54.5	extensions	5.1	O			
54.6	. type	5.1	c:M			
54.7	. criticality	5.1	c:M			
54.8	. value	5.1	c:M			

Table A.55: MoveLeg errors

Item	Name	Ref.	Status	Support
55.1	systemFailure	5.2	O	
55.2	taskRefused	5.2	O	
55.3	unexpectedComponentSequence	5.2	O	
55.4	unexpectedDataValue	5.2	O	
55.5	unexpectedParameter	5.2	O	
55.6	unknownLegID	5.2	O	

A.6.1.5.30   PlayAnnouncement

Table A.56: PlayAnnouncement invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
56.1	informationToSend	5.1	M			
56.2	. inbandInfo	5.1	o.1			
56.3	.. messageID	5.1	c:M			
56.4	... elementaryMessageID	5.1	o.2		$0..2^{31} - 1$	
56.5	... text	5.1	o.2			
56.6	.... messageContent	5.1	c:M			
56.7	.... attributes	5.1	c:O			
56.8	... elementaryMessageIDs	5.1	o.2			
56.9	... variableMessage	5.1	o.2			
56.10	.... elementaryMessageID	5.1	c:M		$0..2^{31} - 1$	
56.11	.... variableParts	5.1	c:M		1..5	
56.12	..... integer	5.1	o.3		$0..2^{31} - 1$	
56.13	..... number	5.1	o.3			
56.14	..... time	5.1	o.3			
56.15	..... date	5.1	o.3			
56.16	..... price	5.1	o.3			
56.17	.. numberOfRepetitions	5.1	c:M		1..127	
56.18	.. duration	5.1	c:M		$0..2^{15} - 1$	
56.19	.. interval	5.1	c:M		$0..2^{15} - 1$	
56.20	. tone	5.1	o.1			
56.21	.. toneID	5.1	c:M		$0..2^{31} - 1$	
56.22	.. duration	5.1	c:M		$0..2^{31} - 1$	
56.23	. displayInformation	5.1	o.1			
56.24	disconnectFromIPForbidden	5.1	M		False, True	
56.25	requestAnnouncementComplete	5.1	M		False, True	
56.26	extensions	5.1	O			
56.27	. type	5.1	c:M			
56.28	. criticality	5.1	c:M			
56.29	. value	5.1	c:M			
56.30	connectedParty	5.1	M			
56.31	. LegID	5.1	M			
56.32	.. sendingSideID	5.1	M			
56.33	.. receivingSideID	5.1	n/a			
56.34	. callSegmentID	5.1	M			

Table A.57: PlayAnnouncement errors

Item	Name	Ref.	Status	Support
57.1	cancelled	5.2	O	
57.2	missingParameter	5.2	O	
57.3	parameterOutOfRange	5.2	O	
57.4	systemFailure	5.2	O	
57.5	taskRefused	5.2	O	
57.6	unavailableResource	5.2	O	
57.7	unexpectedComponentSequence	5.2	O	
57.8	unexpectedDataValue	5.2	O	
57.9	unexpectedParameter	5.2	O	
57.10	unknownLegID	5.2	O	

A.6.1.5.31 PromptAndCollectUserInformation

Table A.58: PromptAndCollectUserInformation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
58.1	collectedInfo	5.1	M			
58.2	. collectedDigits	5.1	M			
58.3	.. minumumNbOfDigits	5.1	c:O		1..127	
58.4	.. maximumNbOfDigits	5.1	c:M		1..127	
58.5	.. endOfReplyDigit	5.1	c:O		1..2dig	
58.6	.. cancelDigit	5.1	c:O		1..2dig	
58.7	.. startDigit	5.1	c:O		1..2dig	
58.8	.. firstDigitTimeOut	5.1	c:O		1..127	
58.9	.. interDigitTimeOut	5.1	c:O		1..127	
58.10	.. errorTreatment	5.1	c:O		0..2	
58.11	.. interruptableAnnInd	5.1	c:O		False, True	
58.12	.. voiceInformation	5.1	c:O		False, True	
58.13	.. voiceBack	5.1	c:O		False, True	
58.14	. IA5Information	5.1	M		False, True	
58.15	disconnectFromIPForbidden	5.1	M		False, True	
58.16	informationToSend	5.1	M			
58.17	. inbandInfo	5.1	o.1			
58.18	.. messageID	5.1	c:M			
58.19	... elementaryMessageID	5.1	o.2		$0..2^{31} - 1$	
58.20	... text	5.1	o.2			
58.21	.... messageContent	5.1	c:M			
58.22	.... attributes	5.1	c:O			
58.23	... elementaryMessageIDs	5.1	o.2			
58.24	... variableMessage	5.1	o.2			
58.25	... elementaryMessageID	5.1	c:M		$0..2^{31} - 1$	
58.26	... variablesParts	5.1	c:M		1..5	
58.27	.... integer	5.1	o.3		$0..2^{31} - 1$	
58.28	.... number	5.1	o.3			
58.29	.... time	5.1	o.3			
58.30	.... date	5.1	o.3			
58.31	.... price	5.1	o.3			
58.32	.. numberOfRepetitions	5.1	c:M		1..127	
58.33	.. duration	5.1	c:M		$0..2^{15} - 1$	
58.34	.. interval	5.1	c:M		$0..2^{15} - 1$	
58.35	. tone	5.1	o.1			
58.36	.. toneID	5.1	c:M		$0..2^{31} - 1$	
58.37	.. duration	5.1	c:M		$0..2^{31} - 1$	
58.38	. displayInformation	5.1	o.1			
58.39	extensions	5.1	O			
58.40	. type	5.1	c:M			
58.41	. criticality	5.1	c:M			
58.42	. value	5.1	c:M			
58.43	callSegmentID	5.1	M			

Table A.59: ReceivedInformation invokation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
59.1	digitsRespons	5.1	M		1..127	
59.2	IA5Respons	5.1	M			

Table A.60: PromptAndCollectUserInformation errors

Item	Name	Ref.	Status	Support
60.1	cancelled	5.2	O	
60.2	improperCallerResponse	5.2	O	
60.3	missingParameter	5.2	O	
60.4	parameterOutOfRange	5.2	O	
60.5	systemFailure	5.2	O	
60.6	taskRefused	5.2	O	
60.7	unavailableResource	5.2	O	
60.8	unexpectedComponentSequence	5.2	O	
60.9	unexpectedDataValue	5.2	O	
60.10	unexpectedParameter	5.2	O	

A.6.1.5.32 PromptAndReceiveMessage

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.61: PromptAndReceiveMessage invocation arguments

Item	Name	Ref.	Status	Support	Value Allowed	Support
61.1	disconnectFromIPForbidden	5.1	M		False, True	
61.2	informationToSend	5.1	M			
61.3	. inbandInfo	5.1	o.1			
61.4	.. messageID	5.1	c:M			
61.5	... elementaryMessageID	5.1	o.2		$0..2^{31} - 1$	
61.6	... text	5.1	o.2			
61.7	.... messageContent	5.1	c:M			
61.8	.... attributes	5.1	c:O			
61.9	... elementaryMessageIDs	5.1	o.2			
61.10	... variableMessage	5.1	o.2			
61.11	... elementaryMessageID	5.1	c:M		$0..2^{31} - 1$	
61.12	... variablesParts	5.1	c:M		1..5	
61.13	.... integer	5.1	o.3		$0..2^{31} - 1$	
61.14	.... number	5.1	o.3			
61.15	.... time	5.1	o.3			
61.16	.... date	5.1	o.3			
61.17	.... price	5.1	o.3			
61.18	.. numberOfRepetitions	5.1	c:M		1..127	
61.19	.. duration	5.1	c:M		$0..2^{15} - 1$	
61.20	.. interval	5.1	c:M		$0..2^{15} - 1$	
61.21	. tone	5.1	o.1			
61.22	.. toneID	5.1	c:M		$0..2^{31} - 1$	
61.23	.. duration	5.1	c:M		$0..2^{31} - 1$	
61.24	. displayInformation	5.1	o.1			
61.25	extensions	5.1	O			
61.26	. type	5.1	c:M			
61.27	. criticality	5.1	c:M			
61.28	. value	5.1	c:M			
61.29	subscriberID	5.1	O			
61.30	mailBoxID	5.1	O			
61.31	informationToRecord	5.1	M			
61.32	. elementaryMessageID	5.1	c:M		$0..2^{31} - 1$	
61.33	. messageDeletionTimeOut	5.1	c:O		1..3600	
61.34	. timeToRecord	5.1	c:O			
61.35	. controlDigits	5.1	c:M			
61.36	.. endOfRecordingDigit	5.1	c:O		1..2dig	
61.37	.. cancelDigit	5.1	c:O		1..2dig	
61.38	.. replayDigit	5.1	c:O			
61.39	.. restartRecordingDigit	5.1	c:O			
61.40	.. restartAllowed	5.1	c:O		False, True	

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
61.41	.. replayAllowed	5.1	c:O		False, True	
61.42	media	5.1	O			
61.43	callSegmentID	5.1	M			

Table A.62: MessageReceived arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
62.1	receivedStatus	5.1	M		0, 1, 2	
62.2	recordedMessageID	5.1	O		$0..2^{31} - 1$	
62.3	recordedMessageUnits	5.1	O			
62.4	extensions	5.1	O			
62.5	. type	5.1	c:M			
62.6	. criticality	5.1	c:O			
62.7	. value	5.1	c:M			

Table A.63: PromptAndReceiveMessage errors

Item	Name	Ref.	Status	Support
63.1	cancelled	5.2	O	
63.2	improperCallerResponse	5.2	O	
63.3	missingParameter	5.2	O	
63.4	parameterOutOfRange	5.2	O	
63.5	systemFailure	5.2	O	
63.6	taskRefused	5.2	O	
63.7	unavailableResource	5.2	O	
63.8	unexpectedComponentSequence	5.2	O	
63.9	unexpectedDataValue	5.2	O	
63.10	unexpectedParameter	5.2	O	
63.11	unknownSubscriber	5.2	O	

A.6.1.5.33   ReleaseCall

Table A.64: ReleaseCall arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
64.1	initialCallSegment (release cause)	5.1	M			
64.2	associatedCallSegment	5.1	M			
64.3	. callSegment	5.1	M			
64.4	. releaseCause	5.1	M			
64.5	allCallSegments	5.1	M			
64.6	. releaseCause	5.1	M			

A.6.1.5.34   ReportUTSI

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.65: ReportUTSI invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
65.1	uSIServiceIndicator	5.1	M			
65.2	. global	5.1	c:o.1			
65.3	. local	5.1	c:o.1			
65.4	legID	5.1	O			
65.5	. sendingSideID	5.1	n/a			
65.6	. receivingSideID	5.1	c:M			
65.7	uSIInformation	5.1	O			
65.8	extensions	5.1	O			
65.9	. type	5.1	c:M			
65.10	. criticality	5.1	c:O			
65.11	. value	5.1	c:M			

A.6.1.5.35 RequestNotificationChargingEvent

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.66: RequestNotificationChargingEvent invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
66.1	eventTypeCharging	5.1	O			
66.2	monitorMode	5.1	M		0..2	
66.3	legID	5.1	M			
66.4	. sendingSideID	5.1	M			
66.5	. receivingSideID	5.1	n/a			
66.6	eventTypeTariff	5.1	O		0, 1, 2, 3	

Table A.67: RequestNotificationChargingEvent errors

Item	Name	Ref.	Status	Support
67.1	missingParameter	5.2	O	
67.2	parameterOutOfRange	5.2	O	
67.3	systemFailure	5.2	O	
67.4	taskRefused	5.2	O	
67.5	unexpectedComponentSequence	5.2	O	
67.6	unexpectedDataValue	5.2	O	
67.7	unknownLegID	5.2	O	
67.8	unexpectedParameter	5.2	O	

A.6.1.5.36   RequestReportBCSMEvent

Table A.68: RequestReportBCSMEvent invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
68.1	bcsmEvents	5.1	M			
68.2	. eventTypeBCSM	5.1	M		1-10, 12-21, 24-27	
68.3	. monitorMode	5.1	M		0..2	
68.4	. legID	5.1	M			
68.5	.. sendingSideID	5.1	M			
68.6	.. receivingSideID	5.1	n/a			
68.7	. dPSpecificCriteria	5.1	M			
68.8	.. numberOfDigits	5.1	M		1..255	
68.9	.. applicationTimer	5.1	M		0..2047	
68.10	.. midCallControlInfo	5.1	O			
68.11	... midCallInfoType	5.1	c:M			
68.12	.... iNServiceControlCodeLow	5.1	c:M			
68.13	.... iNServiceControlCodeHigh	5.1	c:M			
68.14	... midCallReportType	5.1	c:O		0, 1	
68.15	extensions	5.1	O			
68.16	. type	5.1	c:M			
68.17	. criticality	5.1	c:M			
68.18	. value	5.1	c:M			

Table A.69: RequestReportBCSMEvent errors

Item	Name	Ref.	Status	Support
69.1	missingParameter	5.2	O	
69.2	parameterOutOfRange	5.2	O	
69.3	systemFailure	5.2	O	
69.4	taskRefused	5.2	O	
69.5	unexpectedComponentSequence	5.2	O	
69.6	unexpectedDataValue	5.2	O	
69.7	unknownLegID	5.2	O	
69.8	unexpectedParameter	5.2	O	

A.6.1.5.37   RequestReportUTSI

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.70: RequestReportUTSI invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
70.1	requestedUTSIList	5.1	M			
70.2	. uSIServiceIndicator	5.1	M			
70.3	.. global	5.1	c:o.1			
70.4	.. local	5.1	c:o.1			
70.5	. uSImonitorMode	5.1	M		0, 1	
70.6	extensions	5.1	O			
70.7	. type	5.1	c:M			
70.8	. criticality	5.1	c:M			
70.9	. value	5.1	c:M			
70.10	legID	5.1	M			
70.11	. sendingSideID	5.1	M			
70.12	. receivingSideID	5.1	n/a			

Table A.71: RequestReportUTSI errors

Item	Name	Ref.	Status	Support
71.1	missingParameter	5.2	O	
71.2	systemFailure	5.2	O	
71.3	taskRefused	5.2	O	
71.4	unexpectedComponentSequence	5.2	O	
71.5	unexpectedDataValue	5.2	O	
71.6	unknownLegID	5.2	O	
71.7	unexpectedParameter	5.2	O	

A.6.1.5.38 ResetTimer

Table A.72: ResetTimer invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
72.1	timerID	5.1	M		0	
72.2	timervalue	5.1	M		$0..2^{31} - 1$	
72.3	extensions	5.1	O			
72.4	. type	5.1	c:M			
72.5	. criticality	5.1	c:M			
72.6	. value	5.1	c:M			
72.7	callSegmentID	5.1	M			

Table A.73: ResetTimer errors

Item	Name	Ref.	Status	Support
73.1	missingParameter	5.2	O	
73.2	parameterOutOfRange	5.2	O	
73.3	taskRefused	5.2	O	
73.4	unexpectedComponentSequence	5.2	O	
73.5	unexpectedDataValue	5.2	O	
73.6	unexpectedParameter	5.2	O	

A.6.1.5.39 SendChargingInformation

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.74: SendChargingInformation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
74.1	sCIBillingChargingCharacteristics	5.1	M			
74.2	partyToCharge	5.1	M			
74.3	. sendingSideID	5.1	M			
74.4	. receivingSideID	5.1	n/a			
74.5	extensions	5.1	O			
74.6	. type	5.1	c:M			
74.7	. criticality	5.1	c:O			
74.8	. value	5.1	c:M			
74.9	tariffMessage	5.1	O			

Table A.75: SendChargingInformation errors

Item	Name	Ref.	Status	Support
75.1	missingParameter	5.2	O	
75.2	unexpectedComponentSequence	5.2	O	
75.3	unexpectedParameter	5.2	O	
75.4	parameterOutOfRange	5.2	O	
75.5	systemFailure	5.2	O	
75.6	taskRefused	5.2	O	
75.7	unknownLegID	5.2	O	

A.6.1.5.40   SendSTUI

Prerequisite: If not supported in table A.5 then the tables for this operation shall be omitted.

Table A.76: SendSTUI arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
76.1	uSIServiceIndicator	5.1	M			
76.2	. global	5.1	c:o.1			
76.3	. local	5.1	c:o.1			
76.4	legID	5.1	M			
76.5	. sendingSideID	5.1	M			
76.6	. receivingSideID	5.1	n/a			
76.7	uSIInformation	5.1	M			
76.8	extensions	5.1	O			
76.9	. type	5.1	c:M			
76.10	. criticality	5.1	c:M			
76.11	. value	5.1	c:M			

Table A.77: SendSTUI errors

Item	Name	Ref.	Status	Support
77.1	missingParameter	5.2	O	
77.2	parameterOutOfRange	5.2	O	
77.3	systemFailure	5.2	O	
77.4	taskRefused	5.2	O	
77.5	unexpectedComponentSequence	5.2	O	
77.6	unexpectedDataValue	5.2	O	
77.7	unexpectedParameter	5.2	O	
77.8	unknownLegID	5.2	O	

A.6.1.5.41 ServiceFilteringResponse

Table A.78: ServiceFilteringResponse invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
78.1	countersValue	5.1	M		0..100	
78.2	. counterID	5.1	M		0..99	
78.3	. counterValue	5.1	M		$0..2^{31} - 1$	
78.4	filteringCriteria	5.1	M			
78.5	. serviceKey	5.1	o.1		$0..2^{31} - 1$	
78.6	. addressAndService	5.1	o.1			
78.7	.. calledAddressValue	5.1	c:M			
78.8	.. serviceKey	5.1	c:M		$0..2^{31} - 1$	
78.9	.. callingAddressValue	5.1	c:O			
78.10	.. locationNumber	5.1	c:O			
78.11	extensions	5.1	O			
78.12	. type	5.1	c:M			
78.13	. criticality	5.1	c:O			
78.14	. value	5.1	c:M			
78.15	responseCondition	5.1	O		0, 1	

A.6.1.5.42 SpecializedResourceReport

For the operation SpecializedResourceReport there are is only an NULL invocation argument, there are no results and no errors, and therefore no tables in the present document.

A.6.1.5.43 SplitLeg

Table A.79: SplitLeg arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
79.1	legIDToBeSplit	5.1	M			
79.2	. sendingSideID	5.1	M			
79.3	. receivingSideID	5.1	n/a			
79.4	newCallSegment	5.1	M			
79.5	extensions	5.1	O			
79.6	. type	5.1	c:M			
79.7	. criticality	5.1	c:M			
79.8	. value	5.1	c:M			

Table A.80: SplitLeg errors

Item	Name	Ref.	Status	Support
80.1	missingParameter	5.2	O	
80.2	systemFailure	5.2	O	
80.3	taskRefused	5.2	O	
80.4	unexpectedComponentSequence	5.2	O	
80.5	unexpectedDataValue	5.2	O	
80.6	unexpectedParameter	5.2	O	
80.7	unknownLegID	5.2	O	

A.6.1.6　Timers

Table A.81: Operation timers

Item	Operation Timer (opcode)		Ref.	Status	values	
					allowed	supported
81.1	activateServiceFiltering (42)	Tasf	6.1	n/a	1 - 60 s	
81.2	activityTest (55)	Tat	6.1	n/a	1 - 10 s	
81.3	applyCharging (35)	Tac	6.1	n/a	1 - 10 s	
81.4	applyChargingReport (36)	Tacr	6.1	M	1 - 10 s	
81.5	assistRequestInstructions (16)	Tari	6.1	M	1 - 10 s	
81.6	callGap (41)	Tcg	6.1	n/a	1 - 10 s	
81.7	callInformationReport (44)	Tcirp	6.1	M	1 - 10 s	
81.8	callInformationRequest (45)	Tcirq	6.1	n/a	1 - 10 s	
81.9	cancel (53)	Tcan	6.1	n/a	1 - 10 s	
81.10	collectInformation (27)	Tci	6.1	n/a	1 - 60 s	
81.11	connect (20)	Tcon	6.1	n/a	1 - 10 s	
81.12	connectToResource (19)	Tctr	6.1	n/a	1 - 10 s	
81.13	continue (31)	Tcue	6.1	n/a	1 - 10 s	
81.14	continueWithArguments (88)	Tcwa	6.1	n/a	1 - 10 s	
81.15	createCallSegmentAssociation (89)	Tcsa	6.1	n/a	1 - 10 s	
81.16	disconnectForwardConnection (18)	Tdfc	6.1	n/a	1 - 10 s	
81.17	dFCWithArgument (86)	Tdfcwa	6.1	n/a	1 - 10 s	
81.18	disconnectLeg (90)	Tdl	6.1	n/a	1 - 10 s	
81.19	entityReleased (96)	Ter	6.1	M	1 - 10 s	
81.20	establishTemporaryConnection (17)	Tetc	6.1	n/a	1 - 60 s	
81.21	eventNotificationCharging (26)	Tenc	6.1	M	1 - 10 s	
81.22	eventReportBCSM (24)	Terb	6.1	M	1 - 10 s	
81.23	furnishChargingInformation (34)	Tfci	6.1	n/a	1 - 10 s	
81.24	initialDP (0)	Tidp	6.1	M	1 - 10 s	
81.25	initiateCallAttempt (32)	Tica	6.1	n/a	1 - 10 s	
81.26	manageTriggerData (97)	Tmtd	6.1	n/a	1 - 60 s	
81.27	mergeCallSegments (91)	Tmc	6.1	n/a	1 - 10 s	
81.28	moveCallSegments (92)	Tmcs	6.1	n/a	1 - 10 s	
81.29	moveLeg (93)	Tml	6.1	n/a	1 - 10 s	
81.30	releaseCall (22)	Trc	6.1	n/a	1 - 10 s	
81.31	reportUTSI (101)	Tru	6.1	M	1 - 10 s	
81.32	requestNotificationChargingEvent (25)	Trnc	6.1	n/a	1 - 10 s	
81.33	requestReportBCSMEvent (23)	Trrb	6.1	n/a	1 - 10 s	
81.34	requestReportUTSI (98)	Trru	6.1	n/a	1 - 10 s	
81.35	resetTimer (33)	Trt	6.1	n/a	1 - 10 s	
81.36	sendChargingInformation (46)	Tsci	6.1	n/a	1 - 10 s	
81.37	sendSTUI (100)	Tss	6.1	n/a	1 - 10 s	
81.38	serviceFilteringResponse (43)	Tsfr	6.1	M	1 - 10 s	
81.39	splitLeg (95)	Tsl	6.1	n/a	1 - 10 s	
81.40	playAnnouncement (47)	Tpa	7.1	n/a	1 s - 30 min	
81.41	promptAndCollectUserInformation (48)	Tpc	7.1	n/a	1 s - 30 min	
81.42	promtAndReceiveMessage (107)	Tprm	7.1	n/a	1 s - 30 min	
81.43	scriptClose (111)	Tcl	7.1	n/a	1 - 10 s	
81.44	scriptEvent (109)	Tre	7.1	n/a	1 - 10 s	
81.45	scriptInformation (108)	Tinf	7.1	n/a	1 - 10 s	
81.46	scriptRun (110)	Tru	7.1	n/a	1 s - 30 min	
81.47	specializedResourceReport (49)	Tsrr	7.1	M	1 - 10 s	

Table A.82: Timers

Item	Timer	Ref.	Status	values allowed	supported
82.1	T_{SSF} after sending InitialDP or AssistRequestInstructions	12.5.2, 12.6	M	note	
82.2	T_{SSF} after entering the state c "Waiting for instructions"	12.5.2	M	note	
82.3	T_{SSF} after entering the state d "Waiting for End of User Interaction"	12.5.2	M	note	
82.4	$T_{SCF-SSF}$ after receiving InitialDP or AssistRequestInstructions	12.5.2, 13	n/a		
82.5	$T_{SCF-SSF}$ after entering state 2.2.2 "Queuing FSM"	13	n/a		
82.6	$T_{SCF-SSF}$ after entering state 3.2 "Waiting for Assist Request Instructions"	13	n/a		
82.7	Tassist/Hand-Off	12.6	n/a		
82.8	TSRF	12.6	M	note	
82.9	TactTest	12.5.2	n/a		
NOTE:	EN 301 140-1 [1] does not indicate the allowed values, so the implementor shall indicate the supported values.				

A.6.1.7   Range Constants supported

Table A.83: Range constants

Item	Name	Ref.	Status	Support	Supported value
83.1	minAChBillingChargingLength	5.1	c:M		
83.2	maxAChBillingChargingLength	5.1	c:M		
83.3	minAttributesLength	5.1	c:M		
83.4	maxAttributesLength	5.1	c:M		
83.5	minBackwardGVNSLength	5.1	c:M		
83.6	maxBackwardGVNSLength	5.1	c:M		
83.7	maxBearerCapabilityLength	5.1	c:M		
83.8	minCalledPartyNumberLength	5.1	c:M		
83.9	maxCalledPartyNumberLength	5.1	c:M		
83.10	minCallingPartyNumberLength	5.1	c:M		
83.11	maxCallingPartyNumberLength	5.1	c:M		
83.12	minCallResultLength	5.1	c:M		
83.13	maxCallResultLength	5.1	c:M		
83.14	minCauseLength	5.1	c:M		
83.15	maxCauseLength	5.1	c:M		
83.16	minDigitsLength	5.1	c:M		
83.17	maxDigitsLength	5.1	c:M		
83.18	minDisplayInformationLength	5.1	c:M		
83.19	maxDisplayInformationLength	5.1	c:M		
83.20	minEventSpecificInformationChargingLength	5.1	c:M		
83.21	maxEventSpecificInformationChargingLength	5.1	c:M		
83.22	minEventTypeChargingLength	5.1	c:M		
83.23	maxEventTypeChargingLength	5.1	c:M		
83.24	minFCIBillingChargingLength	5.1	c:M		
83.25	maxFCIBillingChargingLength	5.1	c:M		
83.26	minForwarGVNSLength	5.1	c:M		
83.27	maxForwarGVNSLength	5.1	c:M		
83.28	minGenericNameLength	5.1	c:M		
83.29	maxGenericNameLength	5.1	c:M		
83.30	minGenericNumberLength	5.1	c:M		
83.31	maxGenericNumberLength	5.1	c:M		
83.32	minIPAvailableLength	5.1	c:M		
83.33	maxIPAvailableLength	5.1	c:M		
83.34	minIPSSPCapabilitiesLength	5.1	c:M		
83.35	maxIPSSPCapabilitiesLength	5.1	c:M		

Item	Name	Ref.	Status	Support	Supported value
83.36	minLocationNumberLength	5.1	c:M		
83.37	maxLocationNumberLength	5.1	c:M		
83.38	minMailBoxIDLength	5.1	c:M		
83.39	maxMailBoxIDLength	5.1	c:M		
83.40	minMessageContentLength	5.1	c:M		
83.41	maxMessageContentLength	5.1	c:M		
83.42	minMidCallControlInfoLength	5.1	c:M		
83.43	maxMidCallControlInfoLength	5.1	c:M		
83.44	minOriginalCalledPartyIDLength	5.1	c:M		
83.45	maxOriginalCalledPartyIDLength	5.1	c:M		
83.46	minReasonLength	5.1	c:M		
83.47	maxReasonLength	5.1	c:M		
83.48	maxRecordedMessageUnitLength	5.1	c:M		
83.49	maxRecordingTime	5.1	c:M		
83.50	minRedirectingPartyIDLength	5.1	c:M		
83.51	maxRedirectingPartyIDLength	5.1	c:M		
83.52	minRequestedUTSINum	5.1	c:M		
83.53	maxRequestedUTSINum	5.1	c:M		
83.54	minRouteListLength	5.1	c:M		
83.55	maxRouteListLength	5.1	c:M		
83.56	minScfIDLength	5.1	c:M		
83.57	maxScfIDLength	5.1	c:M		
83.58	minSCIBillingChargingLength	5.1	c:M		
83.59	maxSCIBillingChargingLength	5.1	c:M		
83.60	minServiceInteractionIndicatorsLength	5.1	c:M		
83.61	maxServiceInteractionIndicatorsLength	5.1	c:M		
83.62	minSFBillingChargingLength	5.1	c:M		
83.63	maxSFBillingChargingLength	5.1	c:M		
83.64	minUSIInformationLength	5.1	c:M		
83.65	maxUSIInformationLength	5.1	c:M		
83.66	minUSIServiceIndicatorLength	5.1	c:M		
83.67	maxUSIServiceIndicatorLength	5.1	c:M		
83.68	numOfBCSMEvents	5.1	c:M		
83.69	numOfChargingEvents	5.1	c:M		
83.70	numOfCounters	5.1	c:M		
83.71	numOfCSAs	5.1	c:M		
83.72	numOfCSs	5.1	c:M		
83.73	numOfExtensions	5.1	c:M		
83.74	numOfGenericNumbers	5.1	c:M		
83.75	numOfInfoItems	5.1	c:M		
83.76	numOfLegs	5.1	c:M		
83.77	numOfMessageIDs	5.1	c:M		
83.78	numOfRecordedMessageIDs	5.1	c:M		

A.6.2   CUSF

A.6.2.1   Physical entities

Table A.84: Physical entities

Item	Name	Reference	Status	Support
84.1	SCP	4.1.2	n/a	
84.2	SSP	4.1.2	o.1	
84.3	CUSP	4.1.2	o.1	
NOTE: o.1: only one of these items shall be supported per completed PICS response.				

Table A.85: Capabilities

Item	Name	Reference	Status	Support
85.1	Service ASE located in the CUSF - Relay between Service ASE and SCF	18.57.1 (case 1)	o.1	
85.2	Service ASE located in the SCF - Relay between user and SCF	18.57.1 (case 2)	o.1	
NOTE:	o.1: at least one of these items shall be supported.			

A.6.2.2 External interfaces

Table A.86: External interfaces

Item	Name	Reference	Status	Support
86.1	SCF - CUSF	(note)	m	
NOTE:	The table assumes that the indicated external interfaces are between physical entities.			

A.6.2.3 Application contexts supported

Table A.87: Application contexts

Item	Name	Ref.	Initiator Status	Initiator Support	Responder Status	Responder Support
87.1	ETSI-INAP-CS2-CUSF-to-SCF-AC	11.2	m		n/a	
87.2	ETSI-INAP-CS2-SCF-to-CUSF-AC	11.2	n/a		m	

A.6.2.4 Operations supported

Table A.88: Application Service Elements (ASEs)

Item	Name (opcode)	Ref.	Invoke-Request Status	Invoke-Request Support	Invoke-Indication Status	Invoke-Indication Support
88.1	activityTest (55)	5,6,18	n/a		m	
88.2	connectAssociation (132)	5,11,18	n/a		o	
88.3	continueAssociation (133)	5,11,18	n/a		m	
88.4	eventReportBCUSM (134)	5,11,18	m		n/a	
88.5	initialAssociationDP (131)	5,11,18	m		n/a	
88.6	initiateAssociation (123)	5,11,18	n/a		m	
88.7	releaseAssociation (126)	5,11,18	n/a		m	
88.8	reportUTSI (101)	5,6,18	o		n/a	
88.9	requestReportBCUSMEvent (127)	5,11,18	n/a		m	
88.10	requestReportUTSI (98)	5,6,18	n/a		o	
88.11	resetTimer (33)	5,6,18	n/a		m	
88.12	sendSTUI (100)	5,6,18	n/a		o	

A.6.2.5 Supported Arguments, Results and Errors

A.6.2.5.1 ActivityTest

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

A.6.2.5.2 ConnectAssociation

Prerequisite: A5/2

Table A.89: ConnectAssociation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
89.1	address		m			
89.2	extensions	5.1	o			
89.3	. type	5.1	c:m			
89.4	. criticality	5.1	c:m			
89.5	. value	5.1	c:m			

Table A.90: ConnectAssociation errors

Item	Name	Ref.	Status	Support
90.1	missingParameter	5.2	o	
90.2	parameterOutOfRange	5.2	o	
90.3	systemFailure	5.2	o	
90.4	taskRefused	5.2	o	
90.5	unexpectedComponentSequence	5.2	o	
90.6	unexpectedDataValue	5.2	o	
90.7	unexpectedParameter	5.2	o	

A.6.2.5.3 ContinueAssociation

Table A.91: ContinueAssociation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
91.1	extensions	5.1	o			
91.2	. type	5.1	c:m			
91.3	. criticality	5.1	c:m			
91.4	. value	5.1	c:m			

Table A.92: ContinueAssociation errors

Item	Name	Ref.	Status	Support
92.1	missingParameter	5.2	o	
92.2	parameterOutOfRange	5.2	o	
92.3	systemFailure	5.2	o	
92.4	taskRefused	5.2	o	
92.5	unexpectedComponentSequence	5.2	o	
92.6	unexpectedDataValue	5.2	o	
92.7	unexpectedParameter	5.2	o	

A.6.2.5.4 EventReportBCUSM

Table A.93: EventReportBCUSM invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
93.1	eventTypeBCUSM	5.1	m		126, 127	
93.2	eventSpecificInformationBCUSM	5.1	m			
93.3	. associationReleaseRequestedSpecific Info	5.1	m			
93.4	.. associationReleaseInfo	5.1	o			
93.5	.. releaseCause	5.1	m			
93.6	miscCallInfo	5.1	o			
93.7	. messageType	5.1	c:m		0,1	
93.8	cUApplicationInd	5.1	c:o			
93.9	legID	5.1	o			
93.10	. sendingSideID	5.1	n/a			
93.11	. receivingSideID	5.1	c:m		'01'H, '02'H	
93.12	extensions	5.1	o			
93.13	. type	5.1	c:m			
93.14	. criticality	5.1	c:o			
93.15	. value	5.1	c:m			

A.6.2.5.5 InitialAssociationDP

Table A.94: InitialAssociationDP invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
94.1	serviceKey	5.1	m		$0..2^{31} - 1$	
94.2	cUApplicationInd	5.1	c.1101			
94.3	miscCallInfo	5.1	o			
94.4	eventtypeBCUSM	5.1	o		125, 126, 127	
94.5	calledPartyNumber	5.1	o			
94.6	callingPartyNumber	5.1	o			
94.7	callingPartySubaddress	5.1	o			
94.8	highLayerCompatibility	5.1	o			
94.9	bearerCapability	5.1	o			
94.10	. bearerCap	5.1	c:m			
94.11	. tmr	5.1	n/a			
94.12	uSIServiceIndicator	5.1	o			
94.13	. global	5.1	c:o.1			
94.14	. local	5.1	c:o.1			
94.15	uSIInformation	5.1	o			
94.16	extensions	5.1	o			
94.17	. type	5.1	c:m			
94.18	. criticality	5.1	c:o			
94.19	. value	5.1	c:m			
NOTE1: c.1101: IF A2/1 THEN o ELSE n/a.						
NOTE2: o.1: At least one of the items shall be supported.						

Table A.95: InitialAssociationDP errors

Item	Name	Ref.	Status	Support
95.1	missingCustomerRecord	5.2	m	
95.2	missingParameter	5.2	m	
95.3	parameterOutOfRange	5.2	m	
95.4	systemFailure	5.2	m	
95.5	taskRefused	5.2	m	
95.6	unexpectedComponentSequence	5.2	m	
95.7	unexpectedDataValue	5.2	m	
95.8	unexpectedParameter	5.2	m	

A.6.2.5.6   InitiateAssociation

Table A.96: InitiateAssociation invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
96.1	calledPartyNumber	5.1	m			
96.2	extensions	5.1	o			
96.3	. type	5.1	c:m			
96.4	. criticality	5.1	c:m			
96.5	. value	5.1	c:m			
96.6	uSIServiceIndicator	5.1	o			
96.7	. global	5.1	c:o.1			
96.8	. local	5.1	c:o.1			
96.9	uSIInformation	5.1	o			
NOTE:	o.1: At least one of the items shall be supported.					

Table A.97: InitiateAssociation errors

Item	Name	Ref.	Status	Support
97.1	missingParameter	5.2	o	
97.2	parameterOutOfRange	5.2	o	
97.3	systemFailure	5.2	o	
97.4	taskRefused	5.2	o	
97.5	unexpectedComponentSequence	5.2	o	
97.6	unexpectedDataValue	5.2	o	
97.7	unexpectedParameter	5.2	o	

A.6.2.5.7   ReleaseAssociation

Table A.98: ReleaseAssociation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
98.1	Cause	5.1	m			

A.6.2.5.8   ReportUTSI

Prerequisite: A5/8

Table A.99: ReportUTSI invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
99.1	uSIServiceIndicator	5.1	m			
99.2	. global	5.1	c:o.1			
99.3	. local	5.1	c:o.1			
99.4	legID	5.1	m			
99.5	. sendingSideID	5.1	n/a			
99.6	. receivingSideID	5.1	m		'01'H, '02'H	
99.7	uSIInformation	5.1	m			
99.8	extensions	5.1	o			
99.9	. type	5.1	c:m			
99.10	. criticality	5.1	c:o			
99.11	. value	5.1	c:m			
NOTE: o.1: At least one of the items shall be supported.						

A.6.2.5.9 RequestReportBCUSMEvent

Table A.100: RequestReportBCUSMEvent invocation arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	Support
100.1	bcusmEvents	5.1	m			
100.2	. eventTypeBCUSM	5.1	m		126, 127	
100.3	. monitorMode	5.1	m		0-2	
100.4	monitorDuration	5.1	o		1-86400	
100.5	extensions	5.1	o			
100.6	. type	5.1	c:m			
100.7	. criticality	5.1	c:m			
100.8	. value	5.1	c:m			
100.9	cUDPCriteria	5.1	c.1701			
100.10	legID	5.1	m			
100.11	. sendingSideID	5.1	m		'01'H, '02'H	
100.12	. receivingSideID	5.1	n/a			
NOTE: c.1701: IF A2/1 HEN o ELSE n/a.						

Table A.101: RequestReportBCUSMEvent errors

Item	Name	Ref.	Status	Support
101.1	missingParameter	5.2	o	
101.2	parameterOutOfRange	5.2	o	
101.3	systemFailure	5.2	o	
101.4	taskRefused	5.2	o	
101.5	unknownLegID	5.2	o	
101.6	unexpectedComponentSequence	5.2	o	
101.7	unexpectedDataValue	5.2	o	
101.8	unexpectedParameter	5.2	o	

A.6.2.5.10 RequestReportUTSI

Prerequisite: A5/10

Table A.102: RequestReportUTSI invocation arguments

Item	Name	Ref.	Status	Support	Value Allowed	Value Support
102.1	requestedUTSIList	5.1	m			
102.2	. uSIServiceIndicator	5.1	m			
102.3	.. global	5.1	o.1			
102.4	.. local	5.1	o.1			
102.5	. uSImonitorMode	5.1	m		0,1	
102.6	extensions	5.1	o			
102.7	. type	5.1	c:m			
102.8	. criticality	5.1	c:m			
102.9	. value	5.1	c:m			
102.10	legID	5.1	m			
102.11	. sendingSideID	5.1	m		'01'H, '02'H	
102.12	. receivingSideID	5.1	n/a			
NOTE: o.1: At least one of the items shall be supported.						

Table A.103: RequestReportUTSI errors

Item	Name	Ref.	Status	Support
103.1	missingParameter	5.2	o	
103.2	systemFailure	5.2	o	
103.3	taskRefused	5.2	o	
103.4	unexpectedComponentSequence	5.2	o	
103.5	unexpectedDataValue	5.2	o	
103.6	unexpectedParameter	5.2	o	

A.6.2.5.11 ResetTimer

Table A.104: ResetTimer invocation arguments

Item	Name	Ref.	Status	Support	Value Allowed	Value Support
104.1	timerID	5.1	m		1	
104.2	timervalue	5.1	m		$0..2^{31} - 1$	
104.3	extensions	5.1	o			
104.4	. type	5.1	c:m			
104.5	. criticality	5.1	c:m			
104.6	. value	5.1	c:m			
104.7	callSegmentID	5.1	n/a			

Table A.105: ResetTimer errors

Item	Name	Ref.	Status	Support
105.1	missingParameter	5.2	o	
105.2	parameterOutOfRange	5.2	o	
105.3	taskRefused	5.2	o	
105.4	unexpectedComponentSequence	5.2	o	
105.5	unexpectedDataValue	5.2	o	
105.6	unexpectedParameter	5.2	o	

A.6.2.5.12 SendSTUI

Prerequisite: A5/12

Table A.106: SendSTUI arguments

Item	Name	Ref.	Status	Support	Value	
					Allowed	**Support**
106.1	uSIServiceIndicator	5.1	m			
106.2	. global	5.1	o.1			
106.3	. local	5.1	o.1			
106.4	legID	5.1	m			
106.5	. sendingSideID	5.1	m		'01'H, '02'H	
106.6	. receivingSideID	5.1	n/a			
106.7	uSIInformation	5.1	m			
106.8	extensions	5.1	o			
106.9	. type	5.1	c:m			
106.10	. criticality	5.1	c:m			
106.11	. value	5.1	c:m			
NOTE:	o.1: At least one of the items shall be supported.					

Table A.107: SendSTUI errors

Item	Name	Ref.	Status	Support
107.1	missingParameter	5.2	o	
107.2	parameterOutOfRange	5.2	o	
107.3	systemFailure	5.2	o	
107.4	taskRefused	5.2	o	
107.5	unexpectedComponentSequence	5.2	o	
107.6	unexpectedDataValue	5.2	o	
107.7	unexpectedParameter	5.2	o	
107.8	unknownLegID	5.2	o	

A.6.2.6   Timers

Table A.108: Operation timers

Item	Timer for Operation (opcode)		Ref.	Status	values	
					allowed (note)	**supported**
108.1	activityTest (55)	Tat	6.1	n/a	1 - 10 s	
108.2	connectAssociation (132)	Tcoa	11.1	n/a	1 - 10 s	
108.3	continueAssociation (133)	Tcona	11.1	n/a	1 - 10 s	
108.4	eventReportBCUSM (134)	Terbce	11.1	m	1 - 10 s	
108.5	initialAssociationDP (131)	Tiadp	11.1	m	1 - 10 s	
108.6	initiateAssociation (123)	Tia	11.1	n/a	1 - 10 s	
108.7	releaseAssociation (126)	Trel	11.1	n/a	1 - 10 s	
108.8	reportUTSI (101)	Tru	6.1	m	1 - 10 s	
108.9	requestReportBCUSMEvent (127)	Trrbce	11.1	n/a	1 - 10 s	
108.10	requestReportUTSI (98)	Trru	6.1	n/a	1 - 10 s	
108.11	resetTimer (33)	Trt	6.1	n/a	1 - 10 s	
108.12	sendSTUI (100)	Tss	6.1	n/a	1 - 10 s	
NOTE:	For the timers with status n/a the value is included to give an indication of the max. processing time of the operations in the SSP / CUSP.					

Table A.109: Timers

Item	Timer	Ref.	Status	values	
				allowed	supported
109.1	T_{CUSF}	16.5 16.5.2	m	note	
NOTE:	EN 301 140-1 [1] does not indicate the allowed values, so the implementor shall indicate the supported values.				

A.6.2.7   Range Constants supported

Table A.110: Range Constants

Item	Name	Ref.	Status	Support	Supported value
110.1	highLayerCompatibilityLength	5.5	c:m		
110.1	minAssReleaseInfoLength	5.5	c:m		
110.1	maxAssReleaseInfoLength	5.5	c:m		
110.1	maxBearerCapabilityLength	5.5	c:m		
110.2	minCalledPartyNumberLength	5.5	c:m		
110.3	maxCalledPartyNumberLength	5.5	c:m		
110.4	minCallingPartyNumberLength	5.5	c:m		
110.5	maxCallingPartyNumberLength	5.5	c:m		
110.6	maxCauseLength	5.5	c:m		
110.7	minRequestedUTSINum	5.5	c:m		
110.8	maxRequestedUTSINum	5.5	c:m		
110.9	minUSIInformationLength	5.5	c:m		
110.10	maxUSIInformationLength	5.5	c:m		
110.11	minUSIServiceIndicatorLength	5.5	c:m		
110.12	maxUSIServiceIndicatorLength	5.5	c:m		
110.13	numOfBCUSMEvents	5.5	c:m		
110.14	numOfExtensions	5.5	c:m		

Bibliography

The following material, though not specifically referenced in the body of the present document (or not publicly available), gives supporting information.

- ETS 300 406: "Methods for testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".

History

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V1.1.1	March 1998	Public Enquiry	PE 9829:	1998-03-20 to 1998-07-17
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