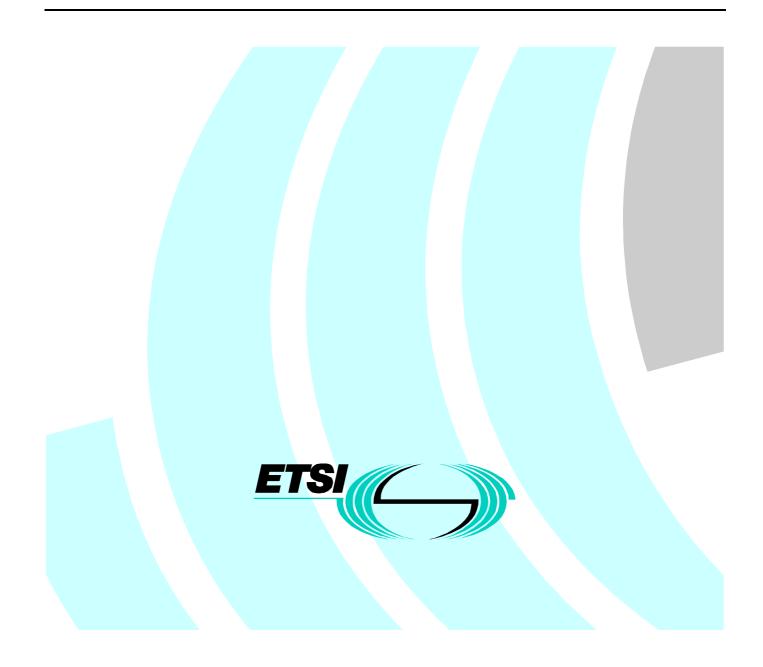
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European Standard (Telecommunications series)

Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user



Reference REN/SPS-05165-3 (100r0j00.PDF)

Keywords

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Services and Protocol for Advanced Networks (SPAN), and is now submitted for the Public Enquiry phase of the ETSI standards Two-step Approval Procedure.

The present document is part 3 of a multi-part EN covering the Digital Subscriber Signalling System No. one (DSS1) protocol specification for the Integrated Services Digital Network (ISDN) Advice of Charge (AOC) supplementary service, 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 the user";
- Part 4: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user";
- Part 5: "Test Suite Structure and Test Purposes (TSS&TP) specification for the network";
- Part 6: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network".

The present version updates the references to the basic call specifications.

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

The present document specifies the Test Suite Structure and Test Purposes (TSS&TP) for the User side of the T reference point or coincident S and T reference point (as defined in ITU-T Recommendation I.411 [7]) of implementations conforming to the stage three standard for the Advice of Charge (AOC) supplementary service for the pan-European Integrated Services Digital Network (ISDN) by means of the Digital Subscriber Signalling System No. one (DSS1) protocol, EN 300 182-1 [1].

A further part of the present document specifies the Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma based on the present document. Other parts specify the TSS&TP and the ATS and partial PIXIT proforma for the Network side of the T reference point or coincident S and T reference point of implementations conforming to EN 300 182-1 [1].

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 300 182-1 (V1.2): "Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
[2]	EN 300 182-2 (V1.2): "Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
[3]	ISO/IEC 9646-1 (1994): "Information technology; Open Systems Interconnection; Conformance testing methodology and framework; Part 1: General concepts".
[4]	ISO/IEC 9646-2 (1994): "Information technology; Open Systems Interconnection; Conformance testing methodology and framework; Part 2: Abstract Test Suite specification".
[5]	ISO/IEC 9646-3 (1998): "Information technology; Open Systems Interconnection; Conformance testing methodology and framework; Part 3: The Tree and Tabular Combined Notation (TTCN)".
[6]	EN 300 196-1: "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
[7]	ITU-T Recommendation I.411 (1993): "ISDN user-network interfaces - Reference configurations".
[8]	EN 300 403-1: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 1: Protocol specification [ITU-T Recommendation Q.931 (1993), modified]".
[9]	ITU-T Recommendation I.112 (1993): "Vocabulary and terms for ISDNs".
[10]	ITU-T Recommendation E.164 (1997): "The international public telecommunication numbering plan".

[11] ITU-T Recommendation I.210 (1993): "Principles of the telecommunication services supported by an ISDN and the means to describe them".

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[12] ETS 300 196-2: "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply.

3.1.1 Definitions related to conformance testing

abstract test case: refer to ISO/IEC 9646-1 [3].

Abstract Test Suite (ATS): refer to ISO/IEC 9646-1 [3]

Implementation Under Test (IUT): refer to ISO/IEC 9646-1 [3].

implicit send event: refer to ISO/IEC 9646-3 [5].

lower tester: refer to ISO/IEC 9646-1 [3].

point of control and observation: refer to ISO/IEC 9646-1 [3].

Protocol Implementation Conformance Statement (PICS): refer to ISO/IEC 9646-1 [3].

PICS proforma: refer to ISO/IEC 9646-1 [3].

Protocol Implementation eXtra Information for Testing (PIXIT): refer to ISO/IEC 9646-1 [3].

PIXIT proforma: refer to ISO/IEC 9646-1 [3].

system under test: refer to ISO/IEC 9646-1 [3].

Test Purpose (TP): refer to ISO/IEC 9646-1 [3].

3.1.2 Definitions related to EN 300 182-1

call reference: see EN 300 403-1 [8], subclause 4.3.

component: see EN 300 196-1 [6], subclause 11.2.2.1.

Integrated Services Digital Network (ISDN): see ITU-T Recommendation I.112 [9], definition 308.

invoke component: see EN 300 196-1 [6], subclause 11.2.2.1.

ISDN number: a number conforming to the numbering and structure specified in ITU-T Recommendation E.164 [10].

return error component: see EN 300 196-1 [6], subclause 11.2.2.1.

return result component: see EN 300 196-1 [6], subclause 11.2.2.1.

served user: served user is the user who invokes the AOC supplementary service.

service; telecommunication service: see ITU-T Recommendation I.112 [9], definition 201.

supplementary service: see ITU-T Recommendation I.210 [11], subclause 2.4.

user: DSS1 protocol entity at the User side of the user-network interface where a T reference point or coincident S and T reference point applies.

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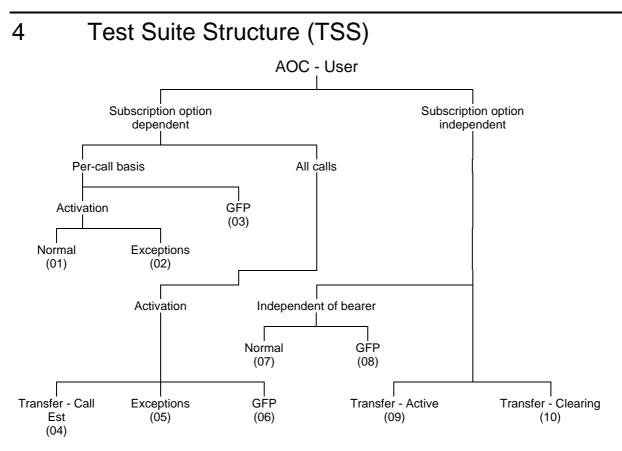
user (S/T): DSS1 protocol entity at the User side of the user-network interface where a coincident S and T reference point applies.

user (T): DSS1 protocol entity at the User side of the user-network interface where a T reference point applies (User is a Private ISDN).

3.2 Abbreviations

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

AOC	Advice of Charge
ATM	Abstract Test Method
ATS	Abstract Test Suite
DSS1	Digital Subscriber Signalling System No. one
GFP	Generic Functional Protocol
ISDN	Integrated Services Digital Network
IUT	Implementation Under Test
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
TP	Test Purpose
TSS	Test Suite Structure
U00	Null call state
U02	Overlap Sending call state
U03	Outgoing Call Proceeding call state
U04	Call Delivered call state
U06	Call Present call state
U07	Call Received call state
U08	Connect Request call state
U09	Incoming Call Proceeding call state
U10	Active call state
U19	Release Request call state



NOTE: Numbers in brackets represent group numbers and are used in TP identifiers.

Figure 1: Test suite structure

5 Test Purposes (TP)

5.1 Introduction

For each test requirement a TP is defined.

5.1.1 TP naming convention

TPs are numbered, starting at 001, within each group. Groups are organized according to the TSS. Additional references are added to identify the actual test suite and whether it applies to the network or the user (see table 1).

Identifier: <ss>_<iut><group>_<nnn></nnn></group></iut></ss>				
<\$\$>	=	supplementary service:	e.g. "AOC"	
<iut></iut>	=	type of IUT:	U N	User Network
<group></group>	=	group	2 digit field	representing group reference according to TSS
<nnn></nnn>	=	sequential number	(001-999)	

Table 1: TP identifier naming convention scheme

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5.1.2 Source of TP definition

The TPs are based on EN 300 182-1 [1].

5.1.3 TP structure

Each TP has been written in a manner which is consistent with all other TPs. The intention of this is to make the TPs more readable and checkable. A particular structure has been used and this is illustrated in table 2. This table should be read in conjunction with any TP, i.e. use a TP as an example to fully understand the table.

TP part	Text	Example
Header	<identifier> tab</identifier>	see table 1
	<paragraph base="" ets="" in="" number=""> tab</paragraph>	subclause 0.0.0
	<type of="" test=""> tab</type>	valid, invalid, inopportune
	<condition> CR</condition>	mandatory, optional, conditional
Stimulus	Ensure that the IUT in the	
	<basic call="" state=""></basic>	U10 etc.
	<pre>/ <supplementary service="" state=""></supplementary></pre>	/AOC-S Idle,
	<trigger> see below for message structure</trigger>	receiving a XXXX message
	or <goal></goal>	to request a
Reaction	<action></action>	sends, saves, does, etc.
	<conditions></conditions>	using en bloc sending,
	if the action is sending	
	see below for message structure	
	<next action="">, etc.</next>	
	and remains in the same state	
	or and enters state <state></state>	
Message	<message type=""></message>	SETUP, FACILITY, CONNECT,
structure	message containing a	
	a) <info element=""></info>	Bearer capability, Facility,
	information element with	
	<i>b)</i> a <field name=""></field>	
	encoded as <i>or</i> including	
	<coding field="" of="" the=""> and back to a or b,</coding>	
NOTE: T	ext in italics will not appear in TPs and text between <	is filled in for each TP and may differ from one
TI TI	P to the next.	

Table 2: Structure of a single TP

5.1.4 Test strategy

As the base standard EN 300 182-1 [1] contains no explicit requirements for testing, the TPs were generated as a result of an analysis of the base standard and the PICS specification EN 300 182-2 [2]. The criteria applied include the following:

- only the requirements from the point of view of the T or coincident S and T reference point are considered;
- whether or not a test case can be built from the TP is not considered.

5.2 User TPs for AOC

All PICS items referred to in this subclause are as specified in EN 300 182-2 [2] unless indicated otherwise by another numbered reference.

5.2.1 Subscription option dependent

5.2.1.1 Per-call basis

Selection: IUT supports procedures related to the subscription option "AOC requested on a per-call basis" (this applies to whole group). PICS: SC 1 or SC 2 or SC 3.

5.2.1.1.1	Activation

5.2.1.1.1.1 Normal

AOC_U01_001 subclause 9.1.1 valid optional

Ensure that the IUT in U00/AOC Idle state in order to activate the AOC-S supplementary service, sends a SETUP message including a Facility information element coded as chargingRequest invoke component indicating AOC-S and enters the U01/AOC Request state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U01_002 subclause 9.1.1 valid optional

Ensure that the IUT in U00/AOC Idle state in order to activate the AOC-D supplementary service, sends a SETUP message including a Facility information element coded as chargingRequest invoke component indicating AOC-D and enters the U01/AOC Request state.

Selection: AOC-D supported. PICS: MC 2.

AOC_U01_003 subclause 9.1.1 valid optional

Ensure that the IUT in U00/AOC Idle state in order to activate the AOC-E supplementary service, sends a SETUP message including a Facility information element coded as chargingRequest invoke component indicating AOC-E and enters the U01/AOC Request state.

Selection: AOC-E supported. PICS: MC 3.

AOC_U01_004 subclause 9.2.1.1 valid optional

Ensure that the IUT in U01/AOC Request state, on receipt of a SETUP ACKNOWLEDGE message including a Facility information element coded as chargingRequest return result component indicating "AOCSCurrencyInfoList", enters the U02/AOC Active state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U01_005	subclause 9.2.1.1	valid	optional
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Ensure that the IUT in U01/AOC Request state, on receipt of a CALL PROCEEDING message including a Facility information element coded as chargingRequest return result component indicating "AOCSCurrencyInfoList", enters the U03/AOC Active state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U01_006	subclause 9.2.1.1	valid	optional

Ensure that the IUT in U03/AOC Request state, on receipt of a PROGRESS message including a Facility information element coded as chargingRequest return result component indicating "AOCSCurrencyInfoList", enters the U03/AOC Active state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U01_007	subclause 9.2.1.1	valid	optional
element coded as cha	in U03/AOC Request state, on receipt of an ALEI argingRequest return result component indicating ne U04/AOC Active state and sends no message.		
Selection: AOC-S su	apported. PICS: MC 1.		
AOC_U01_008	subclause 9.2.1.1	valid	optional
element coded as cha	in U03/AOC Request state, on receipt of a CONN argingRequest return result component indicating ACKNOWLEDGE containing no component rela- te.	"AOCSCurrencyInfoList", se	ends no message or
Selection: AOC-S su	apported. PICS: MC 1.		
AOC_U01_009	subclause 9.2.1.1	valid	optional
	in U01/AOC Request state, on receipt of a FACIL argingRequest return result component indicating		
Selection: AOC-S su	apported. PICS: MC 1.		
AOC_U01_010	subclause 9.2.1.1	valid	optional
	in U01/AOC Request state, on receipt of a SETU coded as chargingRequest return result componen- te.		
Selection: AOC-S su	apported. PICS: MC 1.		
AOC_U01_011	subclause 9.2.1.1	valid	optional
	in U01/AOC Request state, on receipt of a CALL coded as chargingRequest return result componente.		
Selection: AOC-S su	apported. PICS: MC 1.		
AOC_U01_012	subclause 9.2.1.1	valid	optional
	in U03/AOC Request state, on receipt of a PROG argingRequest return result component indicating		
Selection: AOC-S su	upported. PICS: MC 1.		
AOC_U01_013	subclause 9.2.1.1	valid	optional
	in U03/AOC Request state, on receipt of an ALEI argingRequest return result component indicating		
Selection: AOC-S su	apported. PICS: MC 1.		
AOC_U01_014	subclause 9.2.1.1	valid	optional
element coded as cha	in U03/AOC Request state, on receipt of a CONN argingRequest return result component indicating ACKNOWLEDGE containing no component rela te.	"AOCSSpecialArrInfo", sen	ds no message or

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Selection: AOC-S supported. PICS: MC 1.

		ceipt of a FACILITY message inclu- onent indicating "AOCSSpecialArrI	
Selection: AOC-S	supported. PICS: MC 1.		
AOC_U01_016	subclause 9.1.1	valid	optional
	nt coded as chargingRequest return	ceipt of a SETUP ACKNOWLEDG result component indicating "chargi	
Selection: AOC-D	supported OR AOC-E supported.	PICS: MC 2 or MC 3.	
AOC_U01_017	subclause 9.1.1	valid	optional
	nt coded as chargingRequest return	ceipt of a CALL PROCEEDING me result component indicating "chargi	
Selection: AOC-D	supported OR AOC-E supported.	PICS: MC 2 or MC 3.	
AOC_U01_018	subclause 9.1.1	valid	optional
		ceipt of a PROGRESS message inclu- onent indicating "chargingInfoFollo	
Selection: AOC-D	supported OR AOC-E supported.	PICS: MC 2 or MC 3.	
AOC_U01_019	subclause 9.1.1	valid	optional
		ceipt of an ALERTING message incontent indicating "chargingInfoFollo	
Selection: AOC-D	supported OR AOC-E supported.	PICS: MC 2 or MC 3.	
AOC_U01_020	subclause 9.1.1	valid	optional
element coded as c	hargingRequest return result compo GACKNOWLEDGE containing no	ceipt of a CONNECT message inclu onent indicating "chargingInfoFollo component related to the received of	ws", sends no message or
Selection: AOC-D	supported OR AOC-E supported.	PICS: MC 2 or MC 3.	
AOC_U01_021	subclause 9.1.1	valid	optional
		ceipt of a FACILITY message inclu- onent indicating "chargingInfoFollo	
Selection: AOC-D	supported OR AOC-E supported.	PICS: MC 2 or MC 3.	
5.2.1.1.1.2	Exceptions		
AOC_U02_001	subclause 9.1.2 c), d), e)	inopportune	mandatory
		ceipt of a SETUP ACKNOWLEDG error component, continues normal	

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valid

AOC_U01_015

U02/AOC Idle state.

subclause 9.2.1.1

ETSI

mandatory

Ensure that the IUT in U01/AOC Request state, on receipt of a CALL PROCEEDING message including a Facility information element coded as chargingRequest return error component, continues normal call handling and enters U03/AOC Idle state. AOC_U02_003 subclause 9.1.2 c), d), e) inopportune mandatory Ensure that the IUT in U03/AOC Request state, on receipt of a PROGRESS message including a Facility information element coded as chargingRequest return error component, continues normal call handling and enters U03/AOC Idle state. AOC_U02_004 subclause 9.1.2 c), d), e) inopportune mandatory Ensure that the IUT in U03/AOC Request state, on receipt of an ALERTING message including a Facility information element coded as chargingRequest return error component, continues normal call handling and enters U04/AOC Idle state. AOC U02 005 subclause 9.1.2 c), d), e) inopportune mandatory Ensure that the IUT in U03/AOC Request state, on receipt of a CONNECT message including a Facility information element coded as chargingRequest return error component, continues normal call handling and enters U10/AOC Idle subclause 9.1.2 c), d), e) inopportune mandatory Ensure that the IUT in U01/AOC Request state, on receipt of a FACILITY message including a Facility information Ensure that the IUT in U01/AOC Request state, on receipt of a SETUP ACKNOWLEDGE message including a Facility subclause 9.1.2 f) inopportune mandatory Ensure that the IUT in U01/AOC Request state, on receipt of a CALL PROCEEDING message including a Facility subclause 9.1.2 f) inopportune mandatory element with a chargingRequest reject component, takes no protocol actions and enters U03/AOC Idle state. subclause 9.1.2 f) inopportune mandatory subclause 9.1.2 f) inopportune mandatory Ensure that the IUT in U03/AOC Request state, on receipt of a CONNECT message including a Facility information subclause 9.1.2 f) inopportune mandatory Ensure that the IUT in U01/AOC Request state, on receipt of a FACILITY message including a Facility information element with a chargingRequest reject component, takes no protocol actions and enters U01/AOC Idle state.

AOC_U02_002

state.

AOC U02 006

element coded as chargingRequest return error component, continues normal call handling and enters U01/AOC Idle state.

mopportance mandatory	AOC_U02_007	subclause 9.1.2 f)	inopportune	mandatory
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information element with a chargingRequest reject component, takes no protocol actions and enters U02/AOC Idle state.

AOC U02 008

subclause 9.1.2 c), d), e)

information element with a chargingRequest reject component, takes no protocol actions and enters U03/AOC Idle state.

AOC U02 009

Ensure that the IUT in U03/AOC Request state, on receipt of a PROGRESS message including a Facility information

AOC_U02_010

Ensure that the IUT in U03/AOC Request state, on receipt of an ALERTING message including a Facility information element with a chargingRequest reject component, takes no protocol actions and enters U04/AOC Idle state.

AOC U02 011

element with a chargingRequest reject component, takes no protocol actions and enters U10/AOC Idle state.

AOC_U02_012

inopportune

optional

optional

optional

AOC_U02_013 subclause 9.1.2 g) inopportune

Ensure that the IUT in U01/AOC Request state, after no response to a chargingRequest invoke component, on receipt of a CALL PROCEEDING with an AOCSCurrency invoke component, continues normal call handling and enters U03/AOC Request state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U02_014 subclause 9.1.2 g)

Ensure that the IUT in U01/AOC Request state, after no response to a chargingRequest invoke component, on receipt of a CALL PROCEEDING with an AOCSSpecialArr invoke component, continues normal call handling and enters U03/AOC Request state.

inopportune

Selection: AOC-S supported. PICS: MC 1.

AOC U02 015 subclause 9.1.2 g) inopportune optional

Ensure that the IUT in U01/AOC Request state, after no response to a chargingRequest invoke component, on receipt of a CALL PROCEEDING with an AOCDCurrency invoke component, continues normal call handling and enters U03/AOC Request state.

Selection: AOC-D supported. PICS: MC 2.

AOC_U02_016 subclause 9.1.2 g) inopportune

Ensure that the IUT in U01/AOC Request state, after no response to a chargingRequest invoke component, on receipt of a CALL PROCEEDING with an AOCDChargingUnit invoke component, continues normal call handling and enters U03/AOC Request state.

Selection: AOC-D supported. PICS: MC 2.

AOC_U02_017 subclause 9.1.2 g) inopportune

Ensure that the IUT in U01/AOC Request state, after no response to a chargingRequest invoke component, on receipt of a CALL PROCEEDING with an AOCECurrency invoke component, continues normal call handling and enters U03/AOC Request state.

Selection: AOC-E supported. PICS: MC 3.

AOC_U02_018 subclause 9.1.2 g)

Ensure that the IUT in U01/AOC Request state, after no response to a chargingRequest invoke component, on receipt of a CALL PROCEEDING with AOCEChargingUnit invoke component, continues normal call handling and enters U03/AOC Request state.

Selection: AOC-E supported. PICS: MC 3.

AOC U02 019 subclause 9.1.2 h) inopportune optional

Ensure that the IUT in U03/AOC Idle state, having received a chargingRequest return error component, on receipt of an ALERTING with an AOCSCurrency invoke component, accepts the information, sends no message and enters U04/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U02_020 subclause 9.1.2 h)

Ensure that the IUT in U03/AOC Idle state, having received a chargingRequest return error component, on receipt of an ALERTING with an AOCSSpecialArr invoke component, accepts the information, sends no message and enters U04/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

optional

optional

inopportune

inopportune

optional

AOC_U02_021 subclause 9.1.2 h) inopportune

Ensure that the IUT in U03/AOC Idle state, having received a chargingRequest reject component, on receipt of an ALERTING with an AOCSCurrency invoke component, accepts the information, sends no message and enters U04/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

AOC U02 022 subclause 9.1.2 h)

Ensure that the IUT in U03/AOC Idle state, having received a chargingRequest reject component, on receipt of an ALERTING with an AOCSSpecialArr invoke component, accepts the information, sends no message and enters U04/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

AOC U02 023 subclause 9.1.2 h) inopportune optional

Ensure that the IUT in U10/AOC Idle state, having received a chargingRequest return error component, on receipt of a FACILITY message containing a Facility information element with an AOCDCurrency invoke component, accepts the information, sends no message and remains in U10/AOC Idle state.

Selection: AOC-D supported. PICS: MC 2.

AOC_U02_024 subclause 9.1.2 h) inopportune

Ensure that the IUT in U10/AOC Idle state, having received a chargingRequest return error component, on receipt of a FACILITY message containing a Facility information element with an AOCDChargingUnit invoke component, accepts the information, sends no message and remains in U10/AOC Idle state.

Selection: AOC-D supported. PICS: MC 2.

AOC_U02_025 subclause 9.1.2 h)

Ensure that the IUT in U10/AOC Idle state, having received a chargingRequest reject component, on receipt of a FACILITY message containing a Facility information element with an AOCDCurrency invoke component, accepts the information, sends no message and remains in U10/AOC Idle state.

Selection: AOC-D supported. PICS: MC 2.

AOC_U02_026 subclause 9.1.2 h)

Ensure that the IUT in U10/AOC Idle state, having received a chargingRequest reject component, on receipt of a FACILITY message containing a Facility information element with an AOCDChargingUnit invoke component, accepts the information, sends no message and remains in U10/AOC Idle state.

Selection: AOC-D supported. PICS: MC 2.

AOC_U02_027	subclause 9.1.2 h)	inopportune	optional
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Ensure that the IUT in U10/AOC Idle state, having received a chargingRequest return error component, on receipt of a DISCONNECT message containing a Facility information element with an AOCECurrency invoke component, accepts the information, returns a RELEASE message and enters U19/AOC Idle state.

Selection: AOC-E supported. PICS: MC 3.

AOC_U02_028 subclause 9.1.2 h)

Ensure that the IUT in U10/AOC Idle state, having received a chargingRequest return error component, on receipt of a DISCONNECT message containing a Facility information element with an AOCEChargingUnit invoke component, accepts the information, returns a RELEASE message and enters U19/AOC Idle state.

Selection: AOC-E supported. PICS: MC 3.

inopportune

inopportune

inopportune

inopportune

optional

optional

optional

optional

AOC_U02_029	subclause 9.1.2 h)	inopportune	optional
DISCONNECT me	Γ in U10/AOC Idle state, having received a charg essage containing a Facility information element turns a RELEASE message and enters U19/AOC	with an AOCECurrency	
Selection: AOC	C-E supported. PICS: MC 3.		
AOC_U02_030	subclause 9.1.2 h)	inopportune	optional
DISCONNECT me	Γ in U10/AOC Idle state, having received a chargessage containing a Facility information element ation, returns a RELEASE message and enters U	with an AOCECharging	
Selection: AOC	C-E supported. PICS: MC 3.		
AOC_U02_031	subclause 9.1.2 h)	inopportune	optional
RELEASE messag	Γ in U11/AOC Idle state, having received a charg e containing a Facility information element with as a RELEASE COMPLETE message and enters	an AOCECurrency invo	
Selection: AOC	C-E supported. PICS: MC 3.		
AOC_U02_032	subclause 9.1.2 h)	inopportune	optional
RELEASE messag	Γ in U11/AOC Idle state, having received a charg e containing a Facility information element with turns a RELEASE COMPLETE message and ent	an AOCEChargingUnit	invoke component, accepts
Selection: AOC-E	supported. PICS: MC 3.		
AOC_U02_033	subclause 9.1.2 h)	inopportune	optional
Ensure that the IUT RELEASE messag	subclause 9.1.2 h) Γ in U11/AOC Idle state, having received a charg the containing a Facility information element with as a RELEASE COMPLETE message and enters	gingRequest reject comp an AOCECurrency invo	onent, on receipt of a
Ensure that the IU RELEASE messag information, return	Γ in U11/AOC Idle state, having received a charg e containing a Facility information element with	gingRequest reject comp an AOCECurrency invo	onent, on receipt of a
Ensure that the IU RELEASE messag information, return	Γ in U11/AOC Idle state, having received a charg e containing a Facility information element with is a RELEASE COMPLETE message and enters	gingRequest reject comp an AOCECurrency invo	onent, on receipt of a
Ensure that the IUT RELEASE messag information, return Selection: AOC AOC_U02_034 Ensure that the IUT RELEASE messag	Γ in U11/AOC Idle state, having received a charg the containing a Facility information element with as a RELEASE COMPLETE message and enters C-E supported. PICS: MC 3.	gingRequest reject comp an AOCECurrency invo U00/AOC Idle state. inopportune gingRequest reject comp an AOCEChargingUnit	onent, on receipt of a ke component, accepts the optional onent, on receipt of a invoke component, accepts
Ensure that the IUT RELEASE messag information, return Selection: AOC AOC_U02_034 Ensure that the IUT RELEASE messag the information, ret	 Γ in U11/AOC Idle state, having received a charge containing a Facility information element with as a RELEASE COMPLETE message and enters C-E supported. PICS: MC 3. subclause 9.1.2 h) Γ in U11/AOC Idle state, having received a charge containing a Facility information element with 	gingRequest reject comp an AOCECurrency invo U00/AOC Idle state. inopportune gingRequest reject comp an AOCEChargingUnit	onent, on receipt of a ke component, accepts the optional onent, on receipt of a invoke component, accepts
Ensure that the IUT RELEASE messag information, return Selection: AOC AOC_U02_034 Ensure that the IUT RELEASE messag the information, ret	 T in U11/AOC Idle state, having received a charge containing a Facility information element with as a RELEASE COMPLETE message and enters C-E supported. PICS: MC 3. subclause 9.1.2 h) T in U11/AOC Idle state, having received a charge containing a Facility information element with turns a RELEASE COMPLETE message and enters 	gingRequest reject comp an AOCECurrency invo U00/AOC Idle state. inopportune gingRequest reject comp an AOCEChargingUnit	onent, on receipt of a ke component, accepts the optional onent, on receipt of a invoke component, accepts
Ensure that the IUT RELEASE messag information, return Selection: AOC AOC_U02_034 Ensure that the IUT RELEASE messag the information, ret Selection: AOC AOC_U02_035 Ensure that the IUT RELEASE COMP	 T in U11/AOC Idle state, having received a charge containing a Facility information element with is a RELEASE COMPLETE message and enters C-E supported. PICS: MC 3. subclause 9.1.2 h) T in U11/AOC Idle state, having received a charge containing a Facility information element with turns a RELEASE COMPLETE message and enters C-E supported. PICS: MC 3. 	gingRequest reject comp an AOCECurrency invo U00/AOC Idle state. inopportune gingRequest reject comp an AOCEChargingUnit ters U00/AOC Idle state. inopportune gingRequest return error	onent, on receipt of a ke component, accepts the optional onent, on receipt of a invoke component, accepts optional component, on receipt of a
Ensure that the IUT RELEASE messag information, return Selection: AOC AOC_U02_034 Ensure that the IUT RELEASE messag the information, ret Selection: AOC AOC_U02_035 Ensure that the IUT RELEASE COMPL accepts the information	 T in U11/AOC Idle state, having received a charge containing a Facility information element with is a RELEASE COMPLETE message and enters C-E supported. PICS: MC 3. subclause 9.1.2 h) T in U11/AOC Idle state, having received a charge containing a Facility information element with turns a RELEASE COMPLETE message and enters C-E supported. PICS: MC 3. subclause 9.1.2 h) T in U10/AOC Idle state, having received a charge LETE message containing a Facility information 	gingRequest reject comp an AOCECurrency invo U00/AOC Idle state. inopportune gingRequest reject comp an AOCEChargingUnit ters U00/AOC Idle state. inopportune gingRequest return error	onent, on receipt of a ke component, accepts the optional onent, on receipt of a invoke component, accepts optional component, on receipt of a
Ensure that the IUT RELEASE messag information, return Selection: AOC AOC_U02_034 Ensure that the IUT RELEASE messag the information, ret Selection: AOC AOC_U02_035 Ensure that the IUT RELEASE COMPL accepts the information	 T in U11/AOC Idle state, having received a charge containing a Facility information element with is a RELEASE COMPLETE message and enters C-E supported. PICS: MC 3. subclause 9.1.2 h) T in U11/AOC Idle state, having received a charge containing a Facility information element with turns a RELEASE COMPLETE message and enter C-E supported. PICS: MC 3. subclause 9.1.2 h) T in U10/AOC Idle state, having received a charge LETE message containing a Facility information ation and enters U00/AOC Idle state. 	gingRequest reject comp an AOCECurrency invo U00/AOC Idle state. inopportune gingRequest reject comp an AOCEChargingUnit ters U00/AOC Idle state. inopportune gingRequest return error	onent, on receipt of a ke component, accepts the optional onent, on receipt of a invoke component, accepts optional component, on receipt of a
Ensure that the IUT RELEASE messag information, return Selection: AOC AOC_U02_034 Ensure that the IUT RELEASE messag the information, ret Selection: AOC AOC_U02_035 Ensure that the IUT RELEASE COMPL accepts the informa Selection: AOC AOC_U02_036 Ensure that the IUT RELEASE COMPL	 T in U11/AOC Idle state, having received a charge containing a Facility information element with is a RELEASE COMPLETE message and enters C-E supported. PICS: MC 3. subclause 9.1.2 h) T in U11/AOC Idle state, having received a charge containing a Facility information element with turns a RELEASE COMPLETE message and enter C-E supported. PICS: MC 3. subclause 9.1.2 h) T in U10/AOC Idle state, having received a charge LETE message containing a Facility information ation and enters U00/AOC Idle state. C-E supported. PICS: MC 3. 	gingRequest reject comp an AOCECurrency invo U00/AOC Idle state. inopportune gingRequest reject comp an AOCEChargingUnit ters U00/AOC Idle state. inopportune gingRequest return error element with an AOCEC inopportune gingRequest return error element with an AOCEC	onent, on receipt of a ke component, accepts the optional onent, on receipt of a invoke component, accepts optional component, on receipt of a Currency invoke component, optional component, on receipt of a

optional

AOC_U02_037 subclause 9.1.2 h)

Ensure that the IUT in U10/AOC Idle state, having received a chargingRequest reject component, on receipt of a RELEASE COMPLETE message containing a Facility information element with an AOCECurrency invoke component, accepts the information and enters U00/AOC Idle state.

inopportune

inopportune

Selection: AOC-E supported. PICS: MC 3.

AOC_U02_038 subclause 9.1.2 h)

Ensure that the IUT in U10/AOC Idle state, having received a chargingRequest reject component, on receipt of a RELEASE COMPLETE message containing a Facility information element with an AOCEChargingUnit invoke component, accepts the information and enters U00/AOC Idle state.

Selection: AOC-E supported. PICS: MC 3.

5.2.1.1.2 GFP

Selection: IUT supports procedures related to the subscription option "AOC requested on a per-call basis" (this applies to whole group). PICS: SC 1 or SC 2 or SC 3.

AOC_U03_001 subclause 9.2.1.1 & [6] subclauses 8.2.2.4, 8.4.1 invalid

Ensure that the IUT in U03/AOC Request state, on receipt of a CONNECT message including a Facility information element with an invalid chargingRequest return result component, sends a FACILITY message containing a Facility information element with a reject component, enters the U10 state and remains in the AOC Request state, or sends a CONNECT ACKNOWLEDGE message containing a Facility information element with a reject component, enters the U10 state and remains in the AOC Request state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U03_002 subclause 9.2.1.1 & [6] subclauses 8.2.2.4, 8.4.1 invalid

Ensure that the IUT in U10/AOC Request state, on receipt of a FACILITY message including a Facility information element with an invalid chargingRequest return result component, sends a FACILITY message containing a Facility information element with a reject component and remains in the U10/AOC Request state.

Selection: AOC-S supported. PICS: MC 1.

- 5.2.1.2 All calls
- 5.2.1.2.1 Activation

5.2.1.2.1.1 Transfer - call establishment phase

AOC_U04_001 subclause 9.2.1.1 valid optional

Ensure that the IUT in U01/AOC Idle state, on receipt of a SETUP ACKNOWLEDGE message including a Facility information element with a correctly coded AOCSCurrency invoke component indicating "AOCSCurrencyInfoList", accepts the provided information, sends no message and enters U02/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U04_002 subclause 9.2.1.1 valid optional

Ensure that the IUT in U01/AOC Idle state, on receipt of a SETUP ACKNOWLEDGE message including a Facility information element with a correctly coded AOCSSpecialArr invoke component indicating "AOCSSpecialArrInfo", accepts the provided information, sends no message and enters U02/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

optional

optional

AOC_U04_003	subclause 9.2.1.1	valid	optional	
Ensure that the IUT in U01/AOC Idle state, on receipt of a CALL PROCEEDING message including a Facility information element with a correctly coded AOCSCurrency invoke component indicating "AOCSCurrencyInfoList", accepts the provided information, sends no message and enters U03/AOC Idle state.				
Selection: AOC-S supported. PICS: MC 1.				
AOC_U04_004	subclause 9.2.1.1	valid	optional	
Ensure that the IUT in U01/AOC Idle state, on receipt of a CALL PROCEEDING message including a Facility information element with a correctly coded AOCSSpecialArr invoke component indicating "AOCSSpecialArrInfo", accepts the provided information, sends no message and enters U03/AOC Idle state.				
Selection: AOC	C-S supported. PICS: MC 1.			
AOC_U04_005	subclause 9.2.1.1	valid	optional	
element with a corr	f in U03/AOC Idle state, on receipt of a PROG rectly coded AOCSCurrency invoke componen on, sends no message and enters U03/AOC Idle	t indicating "AOCS		
Selection: AOC	C-S supported. PICS: MC 1.			
AOC_U04_006	subclause 9.2.1.1	valid	optional	
element with a corr	F in U03/AOC Idle state, on receipt of a PROG rectly coded AOCSSpecialArr invoke compone on, sends no message and enters U03/AOC Idle	nt indicating "AOC		
Selection: AOC	C-S supported. PICS: MC 1.			
AOC_U04_007	subclause 9.2.1.1	valid	optional	
element with a corr	F in U03/AOC Idle state, on receipt of an ALEI rectly coded AOCSCurrency invoke componen on, sends no message and enters U04/AOC Idle	t indicating "AOCS		
Selection: AOC	C-S supported. PICS: MC 1.			
AOC_U04_008	subclause 9.2.1.1	valid	optional	
element with a corr	F in U03/AOC Idle state, on receipt of an ALEI rectly coded AOCSSpecialArr invoke compone on, sends no message and enters U04/AOC Idle	nt indicating "AOC		
Selection: AOC	C-S supported. PICS: MC 1.			
AOC_U04_009	subclause 9.2.1.1	valid	optional	
element with a corr provided information	F in U03/AOC Idle state, on receipt of a CONN rectly coded AOCSCurrency invoke componen on, sends no message or sends a CONNECT A onent and enters U10/AOC Idle state.	t indicating "AOCS	CurrencyInfoList", accepts the	
Selection: AOC	C-S supported. PICS: MC 1.			
AOC_U04_010	subclause 9.2.1.1	valid	optional	
	Γ in U03/AOC Idle state, on receipt of a CONN rectly coded AOCSSpecialArr invoke compone			

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element with a correctly coded AOCSSpecialArr invoke component indicating "AOCSSpecialArrInfo", accepts the provided information, sends no message or sends a CONNECT ACKNOWLEDGE containing no component related to the received component and enters U10/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

Selection: AOC-	-S supported. PICS: MC 1.		
AOC_U04_012	subclause 9.2.1.1	valid	optional
with a correctly code	in U01/AOC Idle state, on receipt of a FACILIT ed AOCSSpecialArr invoke component indicati o message and enters U01/AOC Idle state.		
Selection: AOC-	-S supported. PICS: MC 1.		
5.2.1.2.1.2	Exceptions		
AOC_U05_001	subclause 9.1.2 a)	inopportune	optional
information element	in U01/AOC Idle state, on receipt of a SETUP A with a correctly coded AOCSCurrency invoke ation, sends no message and enters U02/AOC Id	component indicating "charge	
Selection: AOC-	S supported. PICS: MC 1.		
AOC_U05_002	subclause 9.1.2 a)	inopportune	optional
information element	in U01/AOC Idle state, on receipt of a SETUP with a correctly coded AOCSSpecialArr invoke information, sends no message and enters U02.	e component indicating "charg	
Selection: AOC-	S supported. PICS: MC 1.		
AOC_U05_003	subclause 9.1.2 a)	inopportune	optional
information element	in U01/AOC Idle state, on receipt of a CALL P with a correctly coded AOCSCurrency invoke ation, sends no message and enters U03/AOC Id	component indicating "charge	
Selection: AOC-	-S supported. PICS: MC 1.		
AOC_U05_004	subclause 9.1.2 a)	inopportune	optional
information element	in U01/AOC Idle state, on receipt of a CALL P with a correctly coded AOCSSpecialArr invoke information, sends no message and enters U03.	e component indicating "charg	
Selection: AOC-	S supported. PICS: MC 1.		
AOC_U05_005	subclause 9.1.2 a)	inopportune	optional
element with a corre	in U03/AOC Idle state, on receipt of a PROGRI ctly coded AOCSCurrency invoke component i n, sends no message and enters U03/AOC Idle s	ndicating "chargeNotAvailabl	
Selection: AOC-	S supported. PICS: MC 1.		
AOC_U05_006	subclause 9.1.2 a)	inopportune	optional
element with a corre	in U03/AOC Idle state, on receipt of a PROGRI ctly coded AOCSSpecialArr invoke component n, sends no message and enters U03/AOC Idle s	indicating "chargeNotAvailal	
Selection: AOC-	S supported. PICS: MC 1.		

ETSI

Ensure that the IUT in U01/AOC Idle state, on receipt of a FACILITY message including a Facility information element with a correctly coded AOCSCurrency invoke component indicating "AOCSCurrencyInfoList", accepts the provided

valid

AOC_U04_011

subclause 9.2.1.1

information, sends no message and enters U01/AOC Idle state.

AOC_U05_007 subclause 9.1.2 a) inopportune optional

Ensure that the IUT in U03/AOC Idle state, on receipt of an ALERTING message including a Facility information element with a correctly coded AOCSCurrency invoke component indicating "chargeNotAvailable", accepts the provided information, sends no message and enters U04/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U05_008 subclause 9.1.2 a)

Ensure that the IUT in U03/AOC Idle state, on receipt of an ALERTING message including a Facility information element with a correctly coded AOCSSpecialArr invoke component indicating "chargeNotAvailable", accepts the provided information, sends no message and enters U04/AOC Idle state.

inopportune

inopportune

inopportune

inopportune

inopportune

Selection: AOC-S supported. PICS: MC 1.

AOC_U05_009 subclause 9.1.2 a) inopportune optional

Ensure that the IUT in U03/AOC Idle state, on receipt of a CONNECT message including a Facility information element with a correctly coded AOCSCurrency invoke component indicating "chargeNotAvailable", accepts the provided information, sends no message or sends a CONNECT ACKNOWLEDGE containing no component related to the received component and enters U10/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U05_010 subclause 9.1.2 a) inopportune optional

Ensure that the IUT in U03/AOC Idle state, on receipt of a CONNECT message including a Facility information element with a correctly coded AOCSSpecialArr invoke component indicating "chargeNotAvailable", accepts the provided information, sends no message or sends a CONNECT ACKNOWLEDGE containing no component related to the received component and enters U10/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U05_011 subclause 9.1.2 a)

Ensure that the IUT in U01/AOC Idle state, on receipt of a FACILITY message including a Facility information element with a correctly coded AOCSCurrency invoke component indicating "chargeNotAvailable", accepts the provided information, sends no message and enters U01/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U05_012 subclause 9.1.2 a)

Ensure that the IUT in U01/AOC Idle state, on receipt of a FACILITY message including a Facility information element with a correctly coded AOCSSpecialArr invoke component indicating "chargeNotAvailable", accepts the provided information, sends no message and enters U01/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U05_013 subclause 9.1.2 a)

Ensure that the IUT in U10/AOC Idle state, on receipt of a FACILITY message including a Facility information element with a correctly coded AOCDCurrency invoke component indicating "chargeNotAvailable", accepts the provided information, sends no message and remains in the same state.

Selection: AOC-D supported. PICS: MC 2.

AOC_U05_014 subclause 9.1.2 a)

Ensure that the IUT in U10/AOC Idle state, on receipt of a FACILITY message including a Facility information element with a correctly coded AOCDChargingUnit invoke component indicating "chargeNotAvailable", accepts the provided information, sends no message and remains in the same state.

Selection: AOC-D supported. PICS: MC 2.

optional

optional

optional

optional

AOC_U05_015 subclause 9.1.2 a)

Ensure that the IUT in U10/AOC Idle state, on receipt of a FACILITY message including a Facility information element with a correctly coded AOCECurrency invoke component indicating "chargeNotAvailable", accepts the provided information, sends no message and remains in the same state.

Selection: AOC-E supported. PICS: MC 3.

AOC U05 016 subclause 9.1.2 a)

Ensure that the IUT in U10/AOC Idle state, on receipt of a FACILITY message including a Facility information element with a correctly coded AOCEChargingUnit invoke component indicating "chargeNotAvailable", accepts the provided information, sends no message and remains in the same state.

Selection: AOC-E supported. PICS: MC 3.

5.2.1.2.1.3 GFP

AOC U06 001 subclause 9.1.2 & [6] subclause 8.2.2.4, 8.4.1 valid

Ensure that the IUT in U01/AOC Idle state, having received a FACILITY message including a Facility information element with a correctly coded AOCSCurrency invoke component, on receipt of a FACILITY message including a Facility information element with a reject component, sends no message and remains in U01/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

AOC_U06_002 subclause 9.1.2 & [6] subclause 8.2.2.4, 8.4.1 valid optional

Ensure that the IUT in U01/AOC Idle state, having received a FACILITY message including a Facility information element with a correctly coded AOCSSpecialArr invoke component, on receipt of a FACILITY message including a Facility information element with a reject component, sends no message and remains in U01/AOC Idle state.

Selection: AOC-S supported. PICS: MC 1.

AOC U06 003 subclause 9.1.2 & [6] subclause 8.2.2.4, 8.4.1 valid

Ensure that the IUT in U10/AOC Idle state, having received a FACILITY message including a Facility information element with a correctly coded AOCDCurrency invoke component, on receipt of a FACILITY message including a Facility information element with a reject component, sends no message and remains in U10/AOC Idle state.

Selection: AOC-D supported. PICS: MC 2.

AOC U06 004 subclause 9.1.2 & [6] subclause 8.2.2.4, 8.4.1 valid optional

Ensure that the IUT in U10/AOC Idle state, having received a FACILITY message including a Facility information element with a correctly coded AOCDChargingUnit invoke component, on receipt of a FACILITY message including a Facility information element with a reject component, sends no message and remains in U10/AOC Idle state.

Selection: AOC-D supported. PICS: MC 2.

5.2.2 Subscription option independent

NOTE: In the remaining TPs it is assumed that the initial AOC state is: a) "Idle" if AOC subscribed for all calls; or, b) "Active" if AOC subscribed on a per-call basis.

5.2.2.1 Independent of bearer

Selection: "Transfer of AOC-E charging information independent of a bearer" supported. PICS: MC 7.

inopportune

inopportune

optional

optional

optional

ETSI

5.2.2.1.1	Normal				
AOC_U07_001	subclause 9.2.4.1	valid	optional		
Ensure that the IUT on receipt of a FACILITY message using the dummy call reference via broadcast datalink and including a Facility information element with a correctly coded AOCECurrency invoke component indicating "AOCECurrencyInfo", accepts the provided information and sends no message.					
Selection: Bearer independent broadcast connectionless transport mechanism supported. PICS: ETS 300 196-2 [12] MCu 2.7.					
AOC_U07_002	subclause 9.2.4.1	valid	optional		
including a Facility	on receipt of a FACILITY message using the durinformation element with a correctly coded AOC attInfo", accepts the provided information and sen	EChargingUnit invoke com			
	Selection: Bearer independent broadcast connectionless transport mechanism supported. PICS: ETS 300 196-2 [12] MCu 2.7.				
AOC_U07_003	subclause 9.2.4.1	valid	optional		
including a Facility	Ensure that the IUT on receipt of a FACILITY message using the dummy call reference via point-to-point datalink and including a Facility information element with a correctly coded AOCECurrency invoke component indicating "AOCECurrencyInfo", accepts the provided information and sends no message.				
	er independent point to point connectionless trans 300 196-2 [12] MCu 2.6.	port mechanism supported.	PICS:		
AOC_U07_004	subclause 9.2.4.1	valid	optional		
including a Facility	on receipt of a FACILITY message using the durinformation element with a correctly coded AOC at high second second and second and second and second at the provided information and second seco	EChargingUnit invoke com			
including a Facility "AOCEChargingUn Selection: Beare	information element with a correctly coded AOC	EChargingUnit invoke con ds no message.	ponent indicating		
including a Facility "AOCEChargingUn Selection: Beare	information element with a correctly coded AOC itInfo", accepts the provided information and sen er independent point to point connectionless transp	EChargingUnit invoke con ds no message.	ponent indicating		
including a Facility "AOCEChargingUn Selection: Beare ETS 3 AOC_U07_005 Ensure that the IUT including a Facility	information element with a correctly coded AOC attached and a correctly coded AOC attached information and sen ar independent point to point connectionless transpage 300 196-2 [12] MCu 2.6.	EChargingUnit invoke con ds no message. port mechanism supported. inopportune mmy call reference via broa DCECurrency invoke comp	PICS: optional adcast data link and		
including a Facility "AOCEChargingUn Selection: Beare ETS 3 AOC_U07_005 Ensure that the IUT including a Facility "chargeNotAvailabl	information element with a correctly coded AOC aitInfo", accepts the provided information and sen er independent point to point connectionless transp 300 196-2 [12] MCu 2.6. subclause 9.2.4.2 on receipt of a FACILITY message using the duri information element with a correctly encoded AC	EChargingUnit invoke con ds no message. port mechanism supported. inopportune mmy call reference via broa DCECurrency invoke comp- o message.	PICS: optional adcast data link and onent indicating		
including a Facility "AOCEChargingUn Selection: Beare ETS 3 AOC_U07_005 Ensure that the IUT including a Facility "chargeNotAvailabl	information element with a correctly coded AOC aitInfo", accepts the provided information and sen er independent point to point connectionless transp 300 196-2 [12] MCu 2.6. subclause 9.2.4.2 on receipt of a FACILITY message using the duri information element with a correctly encoded AC le", accepts the provided information and sends no	EChargingUnit invoke con ds no message. port mechanism supported. inopportune mmy call reference via broa DCECurrency invoke comp- o message.	PICS: optional adcast data link and onent indicating		
including a Facility "AOCEChargingUn Selection: Beare ETS 3 AOC_U07_005 Ensure that the IUT including a Facility "chargeNotAvailabl Selection: Beare AOC_U07_006 Ensure that the IUT including a Facility	information element with a correctly coded AOC aitInfo", accepts the provided information and sen er independent point to point connectionless transp 300 196-2 [12] MCu 2.6. subclause 9.2.4.2 on receipt of a FACILITY message using the duri information element with a correctly encoded AC le", accepts the provided information and sends no er independent broadcast connectionless transport	EChargingUnit invoke com ds no message. port mechanism supported. inopportune mmy call reference via broa OCECurrency invoke compo o message. mechanism. PICS: ETS 30 inopportune mmy call reference via broa OCEChargingUnit invoke com	PICS: optional adcast data link and onent indicating 00 196-2 [12] MCu 2.7. optional adcast data link and		
including a Facility "AOCEChargingUn Selection: Beare ETS 3 AOC_U07_005 Ensure that the IUT including a Facility "chargeNotAvailabl Selection: Beare AOC_U07_006 Ensure that the IUT including a Facility "chargeNotAvailabl	information element with a correctly coded AOC aitInfo", accepts the provided information and sen er independent point to point connectionless transp 300 196-2 [12] MCu 2.6. subclause 9.2.4.2 on receipt of a FACILITY message using the dur information element with a correctly encoded AC e", accepts the provided information and sends ne er independent broadcast connectionless transport subclause 9.2.4.2 on receipt of a FACILITY message using the dur information element with a correctly encoded AC	EChargingUnit invoke com ds no message. port mechanism supported. inopportune mmy call reference via broa OCECurrency invoke compo o message. mechanism. PICS: ETS 30 inopportune mmy call reference via broa OCEChargingUnit invoke co o message.	PICS: optional adcast data link and onent indicating 00 196-2 [12] MCu 2.7. optional adcast data link and omponent indicating		
including a Facility "AOCEChargingUn Selection: Beare ETS 3 AOC_U07_005 Ensure that the IUT including a Facility "chargeNotAvailabl Selection: Beare AOC_U07_006 Ensure that the IUT including a Facility "chargeNotAvailabl	information element with a correctly coded AOC aitInfo", accepts the provided information and sen er independent point to point connectionless transp 300 196-2 [12] MCu 2.6. subclause 9.2.4.2 on receipt of a FACILITY message using the dur information element with a correctly encoded AC le", accepts the provided information and sends no er independent broadcast connectionless transport subclause 9.2.4.2 on receipt of a FACILITY message using the dur information element with a correctly encoded AC le", accepts the provided information and sends no er independent broadcast connectionless transport subclause 9.2.4.2	EChargingUnit invoke com ds no message. port mechanism supported. inopportune mmy call reference via broa OCECurrency invoke compo o message. mechanism. PICS: ETS 30 inopportune mmy call reference via broa OCEChargingUnit invoke co o message.	PICS: optional adcast data link and onent indicating 00 196-2 [12] MCu 2.7. optional adcast data link and omponent indicating		
including a Facility "AOCEChargingUn Selection: Beare ETS 3 AOC_U07_005 Ensure that the IUT including a Facility "chargeNotAvailabl Selection: Beare AOC_U07_006 Ensure that the IUT including a Facility "chargeNotAvailabl Selection: Beare AOC_U07_007 Ensure that the IUT message using the d correctly encoded A	information element with a correctly coded AOC aitInfo", accepts the provided information and sen er independent point to point connectionless transp 300 196-2 [12] MCu 2.6. subclause 9.2.4.2 on receipt of a FACILITY message using the dur information element with a correctly encoded AC le", accepts the provided information and sends ne er independent broadcast connectionless transport subclause 9.2.4.2 on receipt of a FACILITY message using the dur information element with a correctly encoded AC e", accepts the provided information and sends ne er independent broadcast connectionless transport subclause 9.2.4.2	EChargingUnit invoke com ds no message. port mechanism supported. inopportune mmy call reference via brow OCECurrency invoke comp- o message. mechanism. PICS: ETS 30 inopportune mmy call reference via brow OCEChargingUnit invoke co o message. mechanism. PICS: ETS 30 inopportune mechanism. PICS: ETS 30 inopportune mechanism. PICS: ETS 30 inopportune	PICS: optional adcast data link and onent indicating 00 196-2 [12] MCu 2.7. optional adcast data link and omponent indicating 00 196-2 [12] MCu 2.7. optional ceipt of a FACILITY ation element with a rmation and		

AOC_U07_008	subclause 9.2.4.2	inopportune	optional	
Ensure that the IUT on receipt of a FACILITY message using the dummy call reference via point-to-point data link and including a Facility information element with a correctly encoded AOCECurrency invoke component indicating "chargeNotAvailable", accepts the provided information and sends no message.				
Selection: Bearer independent point to point connectionless transport mechanism supported. PICS: ETS 300 196-2 [12] MCu 2.6.				
AOC_U07_009	subclause 9.2.4.2	inopportune	optional	
Ensure that the IUT on receipt of a FACILITY message using the dummy call reference via point-to-point data link and including a Facility information element with a correctly encoded AOCEChargingUnit invoke component indicating "chargeNotAvailable", accepts the provided information and sends no message.				
	er independent point to point connectionless trar 300 196-2 [12] MCu 2.6.	nsport mechanism suppo	rted. PICS:	
AOC_U07_010	subclause 9.2.4.2	inopportune	optional	
message using the of correctly encoded A	Γ, if more than one charging unit is used and not dummy call reference via point-to-point data link AOCEChargingUnit invoke component indicatin the remaining charging unit types, accepts the pr	k and including a Facility og the available charging	y information element with a information and	
	er independent point to point connectionless tran 300 196-2 [12] MCu 2.6.	nsport mechanism suppo	rted. PICS:	
5.2.2.1.2	GFP			
012121112				
AOC_U08_001	[6] subclauses 8.3.2.2.2 & 8.3.2.4.2	invalid	optional	
AOC_U08_001 Ensure that the IUT		age, using the dummy ca	all reference via broadcast	
AOC_U08_001 Ensure that the IUT datalink, containing	[6] subclauses 8.3.2.2.2 & 8.3.2.4.2 Γ in AOC Idle state receiving a FACILITY mess	age, using the dummy ca protocol profile, ignores	all reference via broadcast the message.	
AOC_U08_001 Ensure that the IUT datalink, containing	[6] subclauses 8.3.2.2.2 & 8.3.2.4.2 Γ in AOC Idle state receiving a FACILITY mess g a Facility information element with an invalid	age, using the dummy ca protocol profile, ignores	all reference via broadcast the message.	
AOC_U08_001 Ensure that the IUT datalink, containing Selection: Bear AOC_U08_002 Ensure that the IUT	[6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving a FACILITY mess g a Facility information element with an invalid p er independent broadcast connectionless transpo	age, using the dummy ca protocol profile, ignores ort mechanism. PICS: ET invalid ge, using the dummy call	all reference via broadcast the message. TS 300 196-2 [12] MCu 2.7. optional	
AOC_U08_001 Ensure that the IUT datalink, containing Selection: Bear AOC_U08_002 Ensure that the IUT datalink, without a	 [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 Γ in AOC Idle state receiving a FACILITY mess g a Facility information element with an invalid per independent broadcast connectionless transpor [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 Γ in AOC Idle state receiving FACILITY message 	age, using the dummy ca protocol profile, ignores ort mechanism. PICS: ET invalid ge, using the dummy call ge.	all reference via broadcast the message. TS 300 196-2 [12] MCu 2.7. optional I reference via broadcast	
AOC_U08_001 Ensure that the IUT datalink, containing Selection: Bear AOC_U08_002 Ensure that the IUT datalink, without a	 [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 Γ in AOC Idle state receiving a FACILITY mess g a Facility information element with an invalid per independent broadcast connectionless transpor [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 Γ in AOC Idle state receiving FACILITY messag Facility information element, ignores the message 	age, using the dummy ca protocol profile, ignores ort mechanism. PICS: ET invalid ge, using the dummy call ge.	all reference via broadcast the message. TS 300 196-2 [12] MCu 2.7. optional I reference via broadcast	
AOC_U08_001 Ensure that the IUT datalink, containing Selection: Bear AOC_U08_002 Ensure that the IUT datalink, without a Selection: Bear AOC_U08_003 Ensure that the IUT	 [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving a FACILITY mess g a Facility information element with an invalid per independent broadcast connectionless transpor [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving FACILITY message Facility information element, ignores the message rer independent broadcast connectionless transportion element, ignores the message rer independent broadcast connectionless transportion element, ignores the message rer independent broadcast connectionless transportion element, ignores the message reference of the state receiving transportion element, ignores the message reference of the state receiving transportion element. 	age, using the dummy ca protocol profile, ignores ort mechanism. PICS: ET invalid ge, using the dummy call ge. ort mechanism. PICS: ET invalid age, using the dummy ca	all reference via broadcast the message. TS 300 196-2 [12] MCu 2.7. optional I reference via broadcast TS 300 196-2 [12] MCu 2.7. optional all reference via point-to-	
AOC_U08_001 Ensure that the IUT datalink, containing Selection: Bear AOC_U08_002 Ensure that the IUT datalink, without a Selection: Bear AOC_U08_003 Ensure that the IUT point datalink, cont	 [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving a FACILITY mess g a Facility information element with an invalid per independent broadcast connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving FACILITY messages are independent broadcast connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving a FACILITY messages are independent broadcast connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 	age, using the dummy ca protocol profile, ignores ort mechanism. PICS: ET invalid ge, using the dummy call ge. ort mechanism. PICS: ET invalid age, using the dummy ca valid protocol profile, ig	all reference via broadcast the message. TS 300 196-2 [12] MCu 2.7. optional I reference via broadcast TS 300 196-2 [12] MCu 2.7. optional all reference via point-to- nores the message.	
AOC_U08_001 Ensure that the IUT datalink, containing Selection: Bear AOC_U08_002 Ensure that the IUT datalink, without a Selection: Bear AOC_U08_003 Ensure that the IUT point datalink, cont	 [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 Γ in AOC Idle state receiving a FACILITY mess g a Facility information element with an invalid per independent broadcast connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 Γ in AOC Idle state receiving FACILITY message Facility information element, ignores the message for independent broadcast connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 Γ in AOC Idle state receiving FACILITY message for independent broadcast connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 Γ in AOC Idle state receiving a FACILITY message for independent broadcast connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 	age, using the dummy ca protocol profile, ignores ort mechanism. PICS: ET invalid ge, using the dummy call ge. ort mechanism. PICS: ET invalid age, using the dummy ca valid protocol profile, ig	all reference via broadcast the message. TS 300 196-2 [12] MCu 2.7. optional I reference via broadcast TS 300 196-2 [12] MCu 2.7. optional all reference via point-to- nores the message.	
AOC_U08_001 Ensure that the IUT datalink, containing Selection: Bear AOC_U08_002 Ensure that the IUT datalink, without a Selection: Bear AOC_U08_003 Ensure that the IUT point datalink, cont Selection: Bear ETS AOC_U08_004 Ensure that the IUT	 [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving a FACILITY mess g a Facility information element with an invalid per independent broadcast connectionless transpore [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving FACILITY message Facility information element, ignores the message er independent broadcast connectionless transpore [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving a FACILITY message for independent broadcast connectionless transpore [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving a FACILITY message for independent broadcast connectionless transpore [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 	age, using the dummy ca protocol profile, ignores ort mechanism. PICS: ET invalid ge, using the dummy call ge. ort mechanism. PICS: ET invalid age, using the dummy ca valid protocol profile, ig nsport mechanism suppo invalid ge, using the dummy call	all reference via broadcast the message. TS 300 196-2 [12] MCu 2.7. optional I reference via broadcast TS 300 196-2 [12] MCu 2.7. optional all reference via point-to- nores the message. rted. PICS: optional	
AOC_U08_001 Ensure that the IUT datalink, containing Selection: Bear AOC_U08_002 Ensure that the IUT datalink, without a Selection: Bear AOC_U08_003 Ensure that the IUT point datalink, cont Selection: Bear ETS AOC_U08_004 Ensure that the IUT datalink, without a Selection: Bear	 [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving a FACILITY mess g a Facility information element with an invalid per independent broadcast connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving FACILITY message Facility information element, ignores the message for independent broadcast connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving a FACILITY message for independent broadcast connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving a FACILITY message transpote independent point to point connectionless transpote and provide the point to point connectionless transpote independent point to point connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving FACILITY message transpote independent point to point connectionless transpote independent point to point connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving FACILITY message for independent point to point connectionless transpote independent point to point connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 F in AOC Idle state receiving FACILITY message for point to point connectionless transpote independent point to point connectionless transpote [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 	age, using the dummy ca protocol profile, ignores ort mechanism. PICS: ET invalid ge, using the dummy call ge. ort mechanism. PICS: ET invalid age, using the dummy ca valid protocol profile, ig nsport mechanism suppo invalid ge, using the dummy call ge, using the dummy call ge, using the dummy call	all reference via broadcast the message. TS 300 196-2 [12] MCu 2.7. optional I reference via broadcast TS 300 196-2 [12] MCu 2.7. optional all reference via point-to- nores the message. rted. PICS: optional I reference via point-to-point	

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AOC_U08_005 [6] subclauses 8.3.2.2.2 & 8.3.2.4.2 inopportune mandatory

Ensure that the IUT in AOC Idle state receiving a message other than FACILITY with a dummy call reference and this message does not apply to some other application of the dummy call reference, ignores the message.

The TPs in this subclause represent the case when there is a change in the charging rate and this change is

element coded as AOCDChargingUnit invoke component indicating "AOCDChargingUnitInfo", accepts the provided

Ensure that the IUT in Active Call (U10) state, on receipt of a DISCONNECT message including a Facility information

Ensure that the IUT in Active Call (U10) state, on receipt of a DISCONNECT message including a Facility information

Selection: AOC-S supported. PICS: MC 1.

5.2.2.2

NOTE:

Transfer - active phase

reported by the network to the user.

AOC_U10_004	subclause 9.2.3.1	valid	optional
element coded as AG	in Active Call (U10) state, on receipt of a OCSSpecialArr invoke component indica tinues normal call handling.		
Selection: AOC-	S supported. PICS: MC 1.		
AOC_U10_005	subclause 9.2.3.1	valid	optional
Facility information	in Release Request (U19) state, on receip element coded as AOCSCurrency invoke ation and enters state U00.		
Selection: AOC-	S supported. PICS: MC 1.		
AOC_U10_006	subclause 9.2.3.1	valid	optional
Facility information	in Release Request (U19) state, on receip element coded as AOCSSpecialArr invo ation and enters state U00.		
Selection: AOC-	S supported. PICS: MC 1.		
AOC_U10_007	subclause 9.2.3.1	valid	optional
element coded as AG	in Active Call (U10) state, on receipt of a OCDCurrency invoke component indicate tinues normal call handling.		
Selection: AOC-	D supported. PICS: MC 2.		
AOC_U10_008	subclause 9.2.3.1	valid	optional
element coded as AG	in Active Call (U10) state, on receipt of a OCDChargingUnit invoke component inc tinues normal call handling.		
Selection: AOC-	D supported. PICS: MC 2.		
AOC_U10_009	subclause 9.2.3.1	valid	optional
element coded as AG	in Active Call (U10) state, on receipt of a OCDCurrency invoke component indicate tinues normal call handling.	e	e .
Selection: AOC-	D supported. PICS: MC 2.		
AOC_U10_010	subclause 9.2.3.1	valid	optional
element coded as AG	in Active Call (U10) state, on receipt of a OCDChargingUnit invoke component inc tinues normal call handling.		
Selection: AOC-	D supported. PICS: MC 2.		
AOC_U10_011	subclause 9.2.3.1	valid	optional
Facility information	in Release Request (U19) state, on receip element coded as AOCDCurrency invok n and enters state U00.		

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Selection: AOC-D supported. PICS: MC 2.

AOC_U10_012	subclause 9.2.3.1	valid	optional
Facility information	- · · · ·	on receipt of a RELEASE COMPLETI gUnit invoke component indicating "A).	• •
Selection: AOC	-D supported. PICS: MC 2.		
AOC_U10_013	subclause 9.2.3.1	valid	optional
element with a corre		eipt of a DISCONNECT message incl e component indicating "AOCECurre ling.	
Selection: AOC	-E supported. PICS: MC 3.		
AOC_U10_014	subclause 9.2.3.1	valid	optional
element with a corre		eipt of a DISCONNECT message incl nvoke component indicating "AOCEC andling.	
Selection: AOC	-E supported. PICS: MC 3.		
AOC_U10_015	subclause 9.2.3.1	valid	optional
element with a corre		eipt of a RELEASE message including te component indicating "AOCECurre ling.	
Selection: AOC	-E supported. PICS: MC 3.		
AOC_U10_016	subclause 9.2.3.1	valid	optional
element with a corre		eipt of a RELEASE message includin nvoke component indicating "AOCEC andling.	
Selection: AOC	-E supported. PICS: MC 3.		
AOC_U10_017	subclause 9.2.3.1	valid	optional
Facility information	1 • • • • •	on receipt of a RELEASE COMPLETH OCECurrency invoke component indition and enters state U00.	5
Selection: AOC	-E supported. PICS: MC 3.		
AOC_U10_018	subclause 9.2.3.1	valid	optional
Facility information		on receipt of a RELEASE COMPLET OCEChargingUnit invoke component rmation and enters state U00.	
Selection: AOC	-E supported. PICS: MC 3.		
AOC_U10_019	subclause 9.2.3.2	inopportune	optional
element with a corre		eipt of a DISCONNECT message incl e component indicating "chargeNotAv ling.	

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Selection: AOC-S supported. PICS: MC 1.

AOC_U10_020 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a DISCONNECT message including a Facility information element with a correctly coded AOCSSpecialArr invoke component indicating "chargeNotAvailable", accepts the provided information and continues normal call handling. Selection: AOC-S supported. PICS: MC 1. AOC U10 021 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE message including a Facility information element with a correctly coded AOCSCurrency invoke component indicating "chargeNotAvailable", accepts the provided information and continues normal call handling. Selection: AOC-S supported. PICS: MC 1. AOC U10 022 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE message including a Facility information element with a correctly coded AOCSSpecialArr invoke component indicating "chargeNotAvailable", accepts the provided information and continues normal call handling. Selection: AOC-S supported. PICS: MC 1. subclause 9.2.3.2 AOC_U10_023 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE COMPLETE message including a Facility information element with a correctly coded AOCSCurrency invoke component indicating "chargeNotAvailable", accepts the provided information and enters state U00. Selection: AOC-S supported. PICS: MC 1. AOC_U10_024 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE COMPLETE message including a Facility information element with a correctly coded AOCSSpecialArr invoke component indicating "chargeNotAvailable", accepts the provided information and enters state U00. Selection: AOC-S supported. PICS: MC 1. AOC_U10_025 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a DISCONNECT message including a Facility information element with a correctly coded AOCDCurrency invoke component indicating "chargeNotAvailable", accepts the provided information and continues normal call handling. Selection: AOC-D supported. PICS: MC 2. AOC U10 026 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a DISCONNECT message including a Facility information element with a correctly coded AOCDChargingUnit invoke component indicating "chargeNotAvailable", accepts the provided information and continues normal call handling. Selection: AOC-D supported. PICS: MC 2. AOC_U10_027 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, if more than one charging unit is available, on receipt of a DISCONNECT message including a Facility information element with a correctly coded AOCDChargingUnit invoke component indicating the available charging information and "notAvailable" for the remaining charging unit types, accepts the provided information and continues normal call handling.

Selection: AOC-D supported. PICS: MC 2.

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AOC_U10_028 subclause 9.2.3.2 inopportune Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE message including a Facility information element with a correctly coded AOCDCurrency invoke component indicating "chargeNotAvailable", accepts the provided information and continues normal call handling. Selection: AOC-D supported. PICS: MC 2. AOC U10 029 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE message including a Facility information element with a correctly coded AOCDChargingUnit invoke component indicating "chargeNotAvailable", accepts the provided information and continues normal call handling. Selection: AOC-D supported. PICS: MC 2. AOC U10 030 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) State, if more than one charging unit is available, on receipt of a RELEASE message including a Facility information element with a correctly coded AOCDChargingUnit invoke component indicating the available charging information and "notAvailable" for the remaining charging unit types, accepts the provided information and continues normal call handling. Selection: AOC-D supported. PICS: MC 2. AOC U10 031 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE COMPLETE message including a Facility information element with a correctly coded AOCDCurrency invoke component indicating "chargeNotAvailable", accepts the provided information and enters state U00. Selection: AOC-D supported. PICS: MC 2. AOC_U10_032 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE COMPLETE message including a Facility information element with a correctly coded AOCDChargingUnit invoke component indicating "chargeNotAvailable", accepts the provided information and enters state U00. Selection: AOC-D supported. PICS: MC 2. AOC_U10_033 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, if more than one charging unit is used and not all are available, on receipt of a RELEASE COMPLETE message including a Facility information element with a correctly coded AOCDChargingUnit invoke component indicating the available charging information and "notAvailable" for the remaining charging unit types, accepts the provided information and enters state U00. Selection: AOC-D supported. PICS: MC 2. AOC U10 034 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a DISCONNECT message including a Facility information element with a correctly coded AOCECurrency invoke component indicating "chargeNotAvailable", accepts the provided information and continues normal call handling. Selection: AOC-E supported. PICS: MC 3. AOC_U10_035 subclause 9.2.3.2 inopportune optional Ensure that the IUT in Active Call (U10) state, on receipt of a DISCONNECT message including a Facility information element with a correctly coded AOCEChargingUnit invoke component indicating "chargeNotAvailable", accepts the

Selection: AOC-E supported. PICS: MC 3.

provided information and continues normal call handling.

optional

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optional

optional

optional

optional

Ensure that the IUT in Active Call (U10) State, if more than one charging unit is available, on receipt of a DISCONNECT message including a Facility information element with a correctly coded AOCEChargingUnit invoke component indicating the available charging information and "notAvailable" for the remaining charging unit types, accepts the provided information and continues normal call handling.

Selection: AOC-E supported. PICS: MC 3.

subclause 9.2.3.2

AOC_U10_037 subclause 9.2.3.2

AOC_U10_036

Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE message including a Facility information element with a correctly coded AOCECurrency invoke component indicating "chargeNotAvailable", accepts the provided information and continues normal call handling.

Selection: AOC-E supported. PICS: MC 3.

AOC U10 038 subclause 9.2.3.2 inopportune

Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE message including a Facility information element with a correctly coded AOCEChargingUnit invoke component indicating "chargeNotAvailable", accepts the provided information and continues normal call handling.

Selection: AOC-E supported. PICS: MC 3.

AOC U10 039 subclause 9.2.3.2

Ensure that the IUT in Active Call (U10) State, if more than one charging unit is available, on receipt of a RELEASE message including a Facility information element with a correctly coded AOCEChargingUnit invoke component indicating the available charging information and "notAvailable" for the remaining charging unit types, accepts the provided information and continues normal call handling.

Selection: AOC-E supported. PICS: MC 3.

subclause 9.2.3.2 AOC U10 040

Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE COMPLETE message including a Facility information element with a correctly coded AOCECurrency invoke component indicating "chargeNotAvailable", accepts the provided information and enters state U00.

Selection: AOC-E supported. PICS: MC 3.

AOC U10 041 subclause 9.2.3.2

Ensure that the IUT in Active Call (U10) state, on receipt of a RELEASE COMPLETE message including a Facility information element with a correctly coded AOCEChargingUnit invoke component indicating "chargeNotAvailable", accepts the provided information and enters state U00.

Selection: AOC-E supported. PICS: MC 3.

AOC U10 042 subclause 9.2.3.2

Ensure that the IUT in Active Call (U10) State, if more than one charging unit is used and not all types are available, on receipt of a RELEASE COMPLETE message including a Facility information element with a correctly coded AOCEChargingUnit invoke component indicating the available charging information and "notAvailable" for the remaining charging unit types, accepts the provided information and enters state U00.

Selection: AOC-E supported. PICS: MC 3.

inopportune

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optional

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optional

6 Compliance

An ATS which complies with this TSS&TP specification shall:

- a) consist of a set of test cases corresponding to the set or to a subset of the TPs specified in clause 5;
- b) use a TSS which is an appropriate subset of the whole of the TSS specified in clause 4;
- c) use the same naming conventions for the test groups and test cases;
- d) maintain the relationship specified in clause 5 between the test groups and TPs and the entries in the PICS proforma to be used for test case deselection;

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e) comply with ISO/IEC 9646-2 [4].

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In the case of a) or b) above, a subset shall be used only where a particular Abstract Test Method (ATM) makes some TPs untestable. All testable TPs from clause 5 shall be included in a compliant ATS.

Requirements for a comprehensive testing service

As a minimum the Remote test method, as specified in ISO/IEC 9646-2 [4], shall be used by any organization claiming to provide a comprehensive testing service for user equipment claiming conformance to EN 300 182-1 [1].

Annex A (informative): Changes with respect to the previous ETS 300 182-3

The following changes have been done:

- conversion to EN layout;
- substitution of non-specific references to basic standards where the intention is to refer to the latest version.

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History

Document history					
V1.3.1	July 1999	Public Enquiry	PE 9949:	1999-07-07 to 1999-11-05	

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