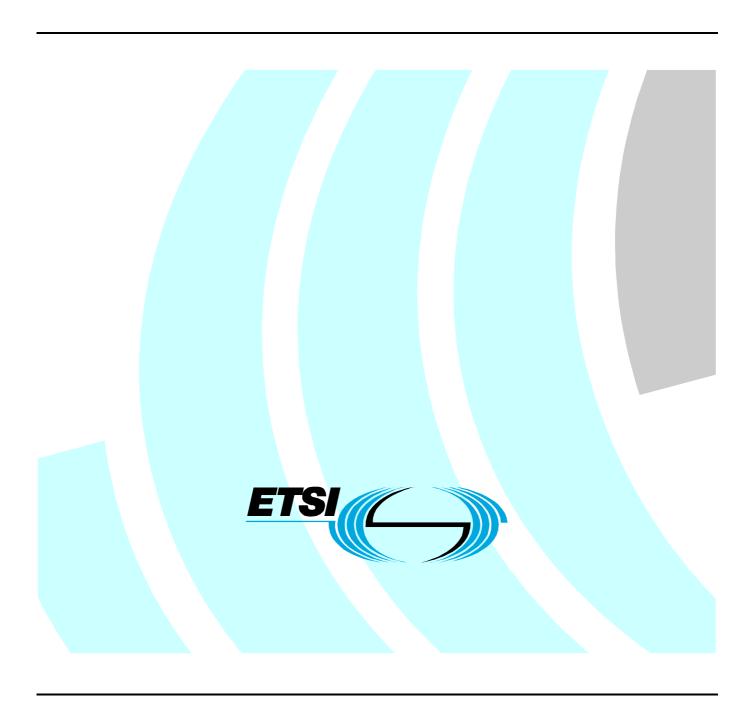# ETSI TS 186 006-2 V1.1.1 (2006-07)

Technical Specification

Telecommunications and Internet Converged Services and Protocols for Advanced Networking (TISPAN); Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) Part 2: Test Suite Structure and Test Purposes (TSS&TP)

ETSI

Reference

DTS/TISPAN-06020-2-NGN

Keywords

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Contents

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN).

The present document is part 2 of a multi-part deliverable covering Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) as identified below:

Part 1: "PICS";

Part 2: "Test Suite Structure and Test Purposes (TSS&TP)".

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

NOTE: Some new parts will be developed in the future.

1 Scope

The present document specifies the Test Suite Structure and Test Purposes (TSS&TP) for the Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) NGN Basic Service, TS 183 007 [6].

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.

Within the TISPAN NGN Release 1 Next Generation Network (NGN) the stage 3 description is specified using the IP Multimedia Call Control Protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP).

The OIP service provides the terminating party with the possibility to receive a trusted (network-provided) identity of the originating party, and is applicable to all session-based services of the NGN.

The OIR service enables the originating party to prevent presentation of any network-provided identity to the terminating party, and is applicable to all session-based services of the NGN.

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 and/or edition number or version number) or non-specific.

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

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

Referenced documents which are not found to be publicly available in the expected location might be found at http://docbox.etsi.org/Reference.

[1]   ETSI TS 181 002: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Multimedia Telephony with PSTN/ISDN simulation services".

[2]   ETSI ES 283 003: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); IP Multimedia Call Control Protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) Stage 3 [3GPP TS 24.229 (Release 7), modified]".

[3]   IETF RFC 3323: "A Privacy Mechanism for the Session Initiation Protocol (SIP)".

[4]   IETF RFC 2396: "Uniform Resource Identifiers (URI): Generic Syntax".

[5]   IETF RFC 3261: "SIP: Session Initiation Protocol".

[6]   ETSI TS 183 007: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); PSTN/ISDN simulation services; Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR); Protocol specification".

[7]   ETSI ES 283 027: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Endorsement of the SIP-ISUP Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks [3GPP TS 29.163 (Release 7), modified]".

[8]   ITU-T Recommendation E.164: "The international public telecommunication numbering plan".

[9]   IETF RFC 2806: "URLs for Telephone Calls".

[10]   ISO/IEC 9646-1: "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".

[11] ISO/IEC 9646-3: "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 3: The Tree and Tabular Combined Notation (TTCN)".

3 Definitions and abbreviations

3.1 Definitions

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

abstract test case: Refer to ISO/IEC 9646-1 [10].

Abstract Test Suite (ATS): Refer to ISO/IEC 9646-1 [10].

address identity: See ITU Recommendation E.164 [8]or/and RFC 2806 [9].

dialog: Refer to RFC 3261 [5].

final response: Refer to RFC 3261 [5].

header: Refer to RFC 3261 [5].

header field: Refer to RFC 3261 [5].

identity information: includes all the information (RFC 2806 [9]/RFC 2396 [4]/E.164 [8]) identfying a user, including trusted (network generated) and/or untrusted (user generated) addresses

Implementation Under Test (IUT): Refer to ISO/IEC 9646-1 [10].

implicit send event: Refer to ISO/IEC 9646-3 [11].

lower tester: Refer to ISO/IEC 9646-1 [10].

method: Refer to RFC 3261 [5].

option-tag: Refer to RFC 3261 [5].

originating user: the sender of a SIP request intended to initiate either a dialog (e.g. INVITE, SUBSCRIBE), or a standalone transaction (e.g. OPTIONS, MESSAGE)

outgoing (call): call outgoing from the user side of the interface

PICS proforma: Refer to ISO/IEC 9646-1 [10].

PIXIT proforma: Refer to ISO/IEC 9646-1 [10].

point of control and observation: Refer to ISO/IEC 9646-1 [10].

Protocol Implementation Conformance Statement (PICS): Refer to ISO/IEC 9646-1 [10].

Protocol Implementation eXtra Information for Testing (PIXIT): Refer to ISO/IEC 9646-1 [10].

provisional response: Refer to RFC 3261 [5].

proxy, proxy server: Refer to RFC 3261 [5].

request: Refer to RFC 3261 [5].

response: Refer to RFC 3261 [5].

session: Refer to RFC 3261 [5].

(SIP) transaction: Refer to RFC 3261 [5].

standalone transaction: SIP transaction that is not part of a dialog and does not initiate a dialog

NOTE: An OPTIONS or a MESSAGE request sent outside of a SIP dialog would be considered to be part of a standalone transaction.

supplementary service: See ITU-T Recommendation I.210 , clause 2.4

system under test: Refer to ISO/IEC 9646-1 [10].

tag: Refer to RFC 3261 [5].

Test Purpose (TP): Refer to ISO/IEC 9646-1 [10].

Terminating user: recipient of a SIP request intended either to initiate a dialog or to initiate either a dialog or a standalone transaction

trusted identity: network generated user address information

untrusted identity: user generated user address information

voice session: existing voice connection between two terminal equipments

EXAMPLE: Via RTP.

3.2   Abbreviations

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

AS   Application Server
CLIP   Calling Line Identification Presentation
CLIR   Calling Line Identification Restriction
CN   Core Network
CS   Circuit Switched
CSCF   Call Session Control Function
IM   IP Multimedia
IP   Internet Protocol
ISDN   Integrated Service Data Network
MGCF   Media Gateway Control Function
n/a   not applicable
NGN   Next Generation Network
OIP   Originating Identification Presentation
OIR   Originating Identification Restriction
P-CSCF   Proxy - CSCF
PSTN   Public Switch Telephone Network
S-CSCF   Serving CSCF
SDP   Session Description Protocol
SIP   Session Initiation Protocol
TP   Test Purpose
TSS   Test Suite Structure
UA   User Agent
UE   User Equipment
URI   Universal Resource Identifier

4 Test Suite Structure (TSS)

OriginatingUser			
	CallingUser	SyntaxReq	OIP_U01_xxx
		OrigUser	OIP_U02_xxx
		DestUser	OIP_U03_xxx

Originating_Netw		
	OrigP-CSCF	OIP_N01_xxx
	OrigS-CSCF	OIP_N02_xxx
	AS_OrigUser	OIP_N03_xxx
	NotTrusNetw	OIP_N04_xxx
	AS_TermUser	OIP_N05_xxx
	TermS-CSCF	OIP_N06_xxx

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).

Table 1: TP identifier naming convention scheme

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

5.1.2 Test strategy

As the base standard TS 183 007 [6] contains no explicit requirements for testing, the TPs were generated as a result of an analysis of the base standard and the PICS specification TS 106 006-1. 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 OIP

All PICS items referred to in this clause are as specified in TS 106 006-1 unless indicated otherwise by another numbered reference.

5.2.1   Calling user

5.2.1.1   Valid behaviour

5.2.1.1.1   Syntax requirements at the originating user

TSS Originating_user/Calling_user/SyntaxReq	TP OIP_U01_001	OIP reference clause 4.4	Selection expression PICS 1/1
Test purpose: *The originating UE sends a Tel URI in local number format* Ensure that the IUT in order to present a complete calling user identity contained in the **P-Preferred Identity** header, sends an INVITE message containing a valid 'tel' URI in the local number format e.g. tel: local number			
Comments:			

```
UA C                              SUT              UA S
INVITE                    →               →        INVITE
100 Trying                ←
```

TSS Originating_user/Calling_user/SyntaxReq	TP OIP_U01_002	OIP reference clause 4.4	Selection expression PICS 1/1
Test purpose: *The originating UE sends a Tel URI in international number format: global number* Ensure that the IUT in order to present a complete calling user identity contained in the **P-Preferred Identity** header, sends an INVITE message containing a valid 'tel' URI in the international number format e.g. tel: global number.			
Comments:			

```
UA C                              SUT              UA S
INVITE                    →               →        INVITE
100 Trying                ←
```

TSS Originating_user/Calling_user/SyntaxReq	TP OIP_U01_003	OIP reference clause 4.4	Selection expression PICS 1/1
Test purpose: *The originating UE sends a Tel URI in local number format: phone-context=particular phone prefix* Ensure that the IUT in order to present a complete calling user identity contained in the **P-Preferred Identity** header, sends an INVITE message containing a valid 'tel' URI in the format: tel: local number ; phone-context= particular phone prefix.			
Comments:			

```
UA C                              SUT              UA S
INVITE                    →               →        INVITE
100 Trying                ←
```

TSS Originating_user/Calling_user/SyntaxReq	TP OIP_U01_004	OIP reference clause 4.4	Selection expression PICS 1/1
Test purpose: *The originating UE sends a Tel URI in local number format: phone-context=domain name* Ensure that the IUT in order to present a complete calling user identity contained in the **P-Preferred Identity** header sends an INVITE message containing a valid 'tel' URI in the format: tel: local number ; phone-context=domain name e.g. tel: 4711; phone-context=example.com			
Comments:			

```
UA C                              SUT              UA S
INVITE                    →               →        INVITE
100 Trying                ←
```

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_005	clause 4.4	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the global number format: isup=isdn sub address
Ensure that the IUT in order to present a complete calling user identity contained in the **P-Preferred Identity** header, sends an INVITE message containing a valid 'tel' URI in the format:
tel: global number; isub= ISDN Subadress

Comments:			
UA C		**SUT**	**UA S**
INVITE	→	→	INVITE
100 Trying	←		

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_006	clause 4.4	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the locall number format: isup=isdn sub address
Ensure that the IUT in order to present a complete calling user identity contained in the **P-Preferred Identity** header, sends an INVITE message containing a valid 'tel' URI in the format tel: local number ; isub= ISDN Subadress

Comments:			
UA C		**SUT**	**UA S**
INVITE	→	→	INVITE
100 Trying	←		

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_007	clause 4.4	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the local number format: isup=isdn sub address, phone-context=particular phone prefix
Ensure that the IUT in order to present a complete calling user identity contained in the **P-Preferred Identity** header, sends an INVITE message containing a valid 'tel' URI in the format tel: local number; isub= ISDN Subadress ; phone-context= particular phone prefix.

Comments:			
UA C		**SUT**	**UA S**
INVITE	→	→	INVITE
100 Trying	←		

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_008	clause 4.4	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the local number format: phone context=domain name, isub=isdn sub address
Ensure that the IUT in order to present a complete calling user identity contained in the **P-Preferred Identity** header, sends an INVITE message containing a valid 'tel' URI in the format: tel: local number ; phone-context= domaniname
e.g. tel: 4711 isub= ISDN Subadress; phone-context=example.com

Comments:			
UA C		**SUT**	**UA S**
INVITE	→	→	INVITE
100 Trying	←		

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_009	clause 4.4	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the From header in the local number format
Ensure that the IUT in order to present a complete calling user identity contained in the **From** header field,
sends an INVITE message containing a valid 'tel' URI in the local number format e.g. tel: local number

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_010	clause 4.4	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the From header in the international number format
Ensure that the IUT in order to present a complete calling user identity contained in the **From** header field,
sends an INVITE message containing a valid 'tel' URI in the international number format e.g. tel: global number.

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_011	clause 4.4	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the From header in the local number format; phone-context=particular phone prefix
Ensure that the IUT in order to present a complete calling user identity contained in the **From** header field,
sends an INVITE message containing a valid 'tel' URI in the format: tel: local number ; phone-context= particular phone prefix.

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_012	clause 4.4	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the From header field; local number format, phone-context=domain name
Ensure that the IUT in order to present a complete calling user identity contained in the **From** header field,
sends an INVITE message containing a valid 'tel' URI in the format: tel: local number; phone-context= domain name
e.g. tel: 4711; phone-context=example.com

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_013	clause 4.5	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the From header field; global number format, isub=isdn sub address
Ensure that the IUT in order to present a complete calling user identity contained in the **From** header field,
sends an INVITE message containing a valid 'tel' URI in the format: tel: global number ; isub= ISDN Subadress.

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_014	clause 4.4	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the From header field; local number format, isub=isdn sub address
Ensure that the IUT in order to present a complete calling user identity contained in the **From** header field,
sends an INVITE message containing a valid 'tel' URI in the format: tel: local number; isub= ISDN Subadress

Comments:
UA C   SUT   UA S
INVITE   →   →   INVITE
100 Trying   ←

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_015	clause 4.4	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the From header field ;local number format, isub=isdn sub address,
phone-context=particular phone context
Ensure that the IUT in order to present a complete calling user identity contained in the **From** header field,
sends an INVITE message containing a valid 'tel' URI in the format: tel: local number; isub= ISDN Subadress;
phone-context= particular phone prefix.

Comments:
UA C   SUT   UA S
INVITE   →   →   INVITE
100 Trying   ←

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_016	clause 4.4	PICS 1/1

Test purpose:
The originating UE sends a Tel URI in the From header field ;local number format, isub=isdn sub address,
phone-context=domain name
Ensure that the IUT in order to present a complete calling user identity contained in the **From** header field,
sends an INVITE message containing a valid 'tel' URI in the format: tel: local number; phone-context= domaniname
e.g. tel: 4711 isub= ISDN Subadress; phone-context=example.com.

Comments:
UA C   SUT   UA S
INVITE   →   →   INVITE
100 Trying   ←

5.2.1.1.2 Actions at the originating user

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/OrigUser	OIP_U02_001	clause 4.5.2.1	PICS 1/1

Test purpose:
Originating user sends a P-Preferred Identity without Privacy
Ensure that the IUT in order to present a complete calling user identity contained in the **P-Preferred Identity** Header
with which has been registered, but not indicating the privacy with a priv-value,
sends an INVITE message containing a valid 'tel' or 'SIP' URI defined as USER_URI without a Privacy header

Preconditions: The user registers the public user identity

Comments:
UA C   SUT   UA S
INVITE   →   →   INVITE
100 Trying   ←

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/OrigUser	OIP_U02_002	clause 4.5.2.1	PICS 1/1

Test purpose:
Originating user sends a P-Preferred Identity and wishes to override the default setting 'Presentation restricted'
Ensure that the IUT in order to present a complete calling user identity contained in the **P-Preferred Identity** Header
with which has been registered and the user wishes override the default settings of 'presentation restricted',
sends an INVITE message containing a valid 'tel' or 'SIP' URI defined as USER_URI with the **priv-value** component
set to "**none**"

Preconditions: The user registers the public user identity

Comments:
UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/OrigUser	OIP_U02_003	clause 4.5.2.1	PICS 1/1

Test purpose:
Originating user sends a P-Preferred Identity and an 'anonymous' From header
Verify that the IUT sends a INVITE message **without P-Preferred Identity** Header and includes "anonymous" in the
From header. The convention for configuring a anonymous From header described in RFC 3323 [3] and ITU Q.1912.5
should be followed; i.e.From: "Anonymous" <sip:anonymous@anonymous.invalid>;tag= xxxxxx

Preconditions:
- The IUT subscribes to OIR in temporary mode
- The user overrides the default setting of "presentation not restricted":

Comments:
UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

Table 2

	URI_USER
	Values for test purposes OIP_U02_001 to OIP_U02_004
VA_1	tel: local number
VA_2	tel: global number
VA_3	tel: local number ; phone-context= particular phone prefix.
VA_4	tel: local number ; phone-context= domaniname
VA_5	tel: local number; isub= ISDN Subadress
VA_6	SIP URI sip:user:password@host:port;uri-parameters?headers
VA_7	sip URI: local number @host:port;uri-parameters?headers
VA_8	sip URI: global number @host:port;uri-parameters?headers
VA_9	sip URI: local number ; phone-context= particular phone prefix @host:port;uri-parameters?headers

5.2.1.1.3   Actions at the destination user

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/DestUser	OIP_U03_001		PICS 1/2

Test purpose:
Terminating user receives a P-Asserted identity header field
Ensure that the terminating UE, receiving a valid and compatible INVITE message containing any in the
P-Asserted-Identity header public user identity defined as URI_USER accepts the call following the basic call
procedures.

Comments:
UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

Table 3

	Values for test purposes OIP_U03_001
	USER_URI
VA_1	tel: local number
VA_2	tel: global number
VA_3	tel: local number ; phone-context= particular phone prefix.
VA_4	tel: local number ; phone-context= domaniname
VA_5	tel: local number; isub= ISDN Subadress
VA_6	SIP URI sip:user:password@host:port;uri-parameters?headers
VA_7	sip URI: local number @host:port;uri-parameters?headers
VA_8	sip URI: global number @host:port;uri-parameters?headers
VA_9	Sip URI: local number ; phone-context= particular phone prefix @host:port;uri-parameters?headers

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/DestUser	OIP_U03_002		PICS 1/2
Test purpose: *Terminating user receives the From header as tel URI* Ensure that the terminating UE, receiving a valid and compatible INVITE message containing any in the **From header** defined USER_URI accepts the call following the basic call procedures.			
Comments: **UA C** **SUT** **UA S** INVITE → → INVITE 100 Trying ←			

Table 4

	Values for test purposes OIP_U03_002
	USER_URI
VA_1	tel: local number
VA_2	tel: global number
VA_3	tel: local number ; phone-context= particular phone prefix.
VA_4	tel: local number ; phone-context= domaniname
VA_5	tel: local number; isub= ISDN Subadress
VA_6	SIP URI sip:user:password@host:port;uri-parameters?headers
VA_7	sip URI: local number @host:port;uri-parameters?headers
VA_8	sip URI: global number @host:port;uri-parameters?headers
VA_9	Sip URI: local number ; phone-context= particular phone prefix @host:port;uri-parameters?headers

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/DestUser	OIP_U03_003		PICS 1/2
Test purpose: *Terminating user receives a From header field set to 'anonymous'* Ensure that the terminating UE, receiving a valid and compatible INVITE message **without P-Asserted Identity Header** and includes "**anonymous**" in the **From header**. The convention for configuring a anonymous From header described in RFC 3323 [3] and ITU Q.1912.5 should be followed; i.e. From: "Anonymous" <sip:anonymous@anonymous.invalid>;tag= xxxxxxx accepts the call following the basic call procedures.			
Comments: **UA C** **SUT** **UA S** INVITE → → INVITE 100 Trying ←			

5.2.2 Requirements on the originating network side

5.2.2.1 Actions at the originating P-CSCF

TSS Originating_Netw/OrigP-CSCF	TP OIP_N01_001	OIP reference clauses 4.3.2; 4.5.2.2	Selection expression
Test purpose: *The P-CSCF includes the P-Asserted Identity if the P-Preferred Identity was received* Ensure that the IUT, receiving a valid and compatible INVITE message with valid URI defined as URI_USER and **P-Preferred Identity** Header the SUT shall include URI defined as URI_NETWORK with a P-Asserted-Identity header field in the INVITE message set to that public user identity.			
Preconditions: The P-CSCF receives an initial request for a dialog or a request for a standalone transaction, and the request contains a P-Preferred-Identity header field that matches one of the registered public user identities			
Comments: UA C SUT UA S INVITE → → INVITE 100 Trying ←			

Table 5

Values for test purposes OIP_N01_001	
	URI_USER
VA_1	tel: local number
VA_2	tel: global number
VA_3	tel: local number ; phone-context= particular phone prefix.
VA_4	tel: local number ; phone-context= domaniname
VA_5	tel: local number; isub= ISDN Subadress
VA_6	SIP URI sip:user:password@host:port;uri-parameters?headers
VA_7	sip URI: local number @host:port;uri-parameters?headers
VA_8	sip URI: global number @host:port;uri-parameters?headers
VA_9	Sip URI: local number ; phone-context= particular phone prefix @host:port;uri-parameters?headers

Values for test purposes OIP_N01_001	
	URI_NETWORK
VA_1	tel: local number
VA_2	tel: global number
VA_3	tel: local number ; phone-context= particular phone prefix.
VA_4	tel: local number ; phone-context= domaniname
VA_5	tel: local number; isub= ISDN Subadress
VA_6	SIP URI sip:user:password@host:port;uri-parameters?headers
VA_7	sip URI: local number @host:port;uri-parameters?headers
VA_8	sip URI: global number @host:port;uri-parameters?headers
VA_9	sip URI: local number ; phone-context= particular phone prefix @host:port;uri-parameters?headers

TSS Originating_Netw/OrigP-CSCF	TP OIP_N01_002	OIP reference clauses 4.3.2; 4.5.2.2	Selection expression

Test purpose:
The P-CSCF receives a P-Preferred Identity that not match to the registered public user identities
Ensure that the IUT, receiving a valid and compatible INVITE message with a **P-Preferred Identity** Header and the request contains as P-Preferred-Identity header field that does not match one of the registered public user identities the P-CSCF shall identify the initiator of the request by a default public user identity. In particular, the P-CSCF shall include shall include URI defined as **URI_NETWORK** with a P-Asserted-Identity header field set to the default public user identity. If there is more then one default public user identity available, the P-CSCF shall randomly select one of them.

Preconditions: The P-CSCF receives an initial request for a dialog or a request for a standalone transaction, and the request contains as P-Preferred-Identity header field that does not match one of the registered public user identities

Comments:

UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	⬅			

Table 6

Values for test purposes OIP_N01_002	
	URI_NETWORK
VA_1	tel: local number
VA_2	tel: global number
VA_3	tel: local number ; phone-context= particular phone prefix.
VA_4	tel: local number ; phone-context= domaniname
VA_5	tel: local number; isub= ISDN Subadress
VA_6	SIP URI sip:user:password@host:port;uri-parameters?headers
VA_7	sip URI: local number @host:port;uri-parameters?headers
VA_8	sip URI: global number @host:port;uri-parameters?headers
VA_9	sip URI: local number ; phone-context= particular phone prefix @host:port;uri-parameters?headers

TSS Originating_Netw/OrigP-CSCF	TP OIP_N01_003	OIP reference clauses 4.3.2; 4.5.2.2	Selection expression

Test purpose:
The P-CSCF does not receives a P-Preferred Identity header field
Ensure that the IUT, receiving a valid and compatible INVITE message and does not contain a **P-Preferred-Identity** header field the P-CSCF shall identify the initiator of the request by a default public user identity. In particular, the P-CSCF shall include a P-Asserted-Identity header field set to the default public user identity. If there is more then one default public user identity available, the P-CSCF shall randomly select one of them.

Preconditions: The P-CSCF receives an initial request for a dialog or a request for a standalone transaction, and the request contains as P-Preferred-Identity header field that does not match one of the registered public user identities

Comments:

UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	⬅			

5.2.2.2 Actions at the S-CSCF serving the originating UE

TSS Originating_Netw/OrigS-CSCF	TP OIP_N02_001	OIP reference clauses 4.3.2; 4.5.2.3	Selection expression PICS 1/9
Test purpose: *The S-CSCF add a second P-Asserted Identity Header in the INVITE* Ensure that the IUT, receiving a valid and compatible INVITE message with a SIP URI in the **P-Preferred**-Identity header. In the case where the S-CSCF has knowledge of an associated tel-URI for a SIP URI contained in the P-Asserted-Identity header received in the request, transmits an INVITE message where the S-CSCF shall add a second P-Asserted-Identity header containing this tel-URI.			
Preconditions: S-CSCF has knowledge of an associated tel-URI for a SIP URI			
Comments: UA C SUT UA S INVITE ➔ ➔ INVITE 100 Trying ←			

5.2.2.3 Actions at the AS serving the originating user

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_001	OIP reference clauses 4.3.2; 4.5.2.4	Selection expression PICS 2/2
Test purpose: *The AS includes a Privacy header field in **permanent mode*** Ensure that the IUT in order to present a complete calling user identity , but **not indicating the privacy** with a priv-value, transmits an INVITE message with the received P-Asserted–Identity header and includes a Privacy "id".			
Preconditions: The originating user has subscribed to the OIR service in the **permanent mode** The another SIP based network is trusted network			
Comments: UA C SUT UA S INVITE ➔ ➔ INVITE 100 Trying ←			

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_002	OIP reference clauses 4.3.2; 4.5.2.4	Selection expression PICS 2/4
Test purpose: *The AS includes a Privacy header field in **temporary mode, restricted*** Ensure that the IUT in order to present a complete calling user identity, but **not indicating the privacy** with a priv-value, transmits an INVITE message with the received P-Asserted–Identity header and includes a Privacy "id".			
Preconditions: The originating user has subscribed to the OIR service in the **temporary mode** with default **presentation restricted** The another SIP based network is trusted network			
Comments: UA C SUT UA S INVITE ➔ ➔ INVITE 100 Trying ←			

TSS	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_003	clauses 4.3.2; 4.5.2.4	PICS 2/2

Test purpose:
*The AS does not add a privacy value if the Privacy id was received in **permanent mode***
Ensure that the IUT in order to present a complete calling user identity, **indicating the privacy** with a priv-value **"id"**, transmits an INVITE message with the received P-Asserted –Identity header without **adding** a Privacy value. The received Privacy value is sent.

Preconditions:
The originating user has subscribed to the OIR service in the **permanent mode**
The another SIP based network is trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_004	clauses 4.3.2; 4.5.2.4	PICS 2/4

Test purpose:
*The AS does not add a privacy value if the Privacy id was received in **temporary mode, restricted***
Ensure that the IUT in order to present a complete calling user identity, **indicating the privacy** with a priv-value **"id"**, transmits an INVITE message with the received P-Asserted –Identity header without **adding** a Privacy value. The received Privacy value is sent.

Preconditions:
The originating user has subscribed to the OIR service in the **temporary mode** with default **presentation restricted**
The another SIP based network is trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_005	clauses 4.3.2; 4.5.2.4	PICS 2/2

Test purpose:
*The AS does not add a privacy value if the Privacy "none" was received in **permanent mode.***
Ensure that the IUT in order to present a complete calling user identity, **indicating the privacy** with a priv-value "**none**", transmits an INVITE message with the received P-Asserted Identity header without **adding** a Privacy value. The received Privacy value is sent.

Preconditions:
The originating user has subscribed to the OIR service in the **permanent mode**
The another SIP based network is trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_006	OIP reference clauses 4.3.2; 4.5.2.4	Selection expression PICS 2/4

Test purpose:
*No Privacy received. The AS includes a Privacy header "id" in the sent INVITE in **temporary mode restricted***.
Ensure that the IUT in order to present a complete calling user identity, but **not indicating the privacy** with a
priv-value, transmits an INVITE message with the received P-Asserted Identity header and includes a Privacy **"id"**.

Preconditions:
originating user has subscribed to the OIR service in the **temporary mode** with default value "**presentation restricted**"
The another SIP based network is trusted network

Comments:
UA C   SUT   UA S
INVITE   →   →   INVITE
100 Trying   ←

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_007	OIP reference clauses 4.3.2; 4.5.2.4	Selection expression PICS 2/4

Test purpose:
*Privacy "none" received. The AS does not include a Privacy value in the sent INVITE in **temporary mode restricted***.
Ensure that the IUT in order to present a complete calling user identity, **indicating the privacy** with a priv-value
"none", transmits an INVITE message with the received P-Asserted –Identity header without **adding** a Privacy value.
The received Privacy value is sent.

Preconditions:
originating user has subscribed to the OIR service in **the temporary mode** with default value "**presentation
restricted**"
The another SIP based network is trusted network

Comments:
UA C   SUT   UA S
INVITE   →   →   INVITE
100 Trying   ←

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_008	OIP reference clauses 4.3.2; 4.5.2.4	Selection expression PICS 2/4

Test purpose:
Privacy "id" received. The AS does not include a Privacy value in the sent INVITE in temporary mode restricted.
Ensure that the IUT in order to present a complete calling user identity, indicating the privacy with a priv-value "id",
transmits an INVITE message with the received P-Asserted –Identity header without adding a Privacy value. The
received Privacy value is sent.

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation restricted"
P-Preferred-Identity header matches one of the registered public user identities
The another SIP based network is trusted network

Comments:
UA C   SUT   UA S
INVITE   →   →   INVITE
100 Trying   ←

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_009	OIP reference clauses 4.3.2; 4.5.2.4	Selection expression PICS 2/3

Test purpose:
*No privacy received. The AS does not include a Privacy value in the sent INVITE in the **temporary mode not restricted**.*
Ensure that the IUT in order to present a complete calling user identity, but **not indicating the privacy** with a priv-value, transmits an INVITE message with the received P-Asserted –Identity header. No Privacy value is sent.

Preconditions:
The originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted"
P-Preferred-Identity header matches one of the registered public user identities
The IUT sends a priv-value in case of presentation allowed

Comments:
UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	←			

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_010	OIP reference clause 4.3.2	Selection expression PICS 2/3

Test purpose:
*Privacy "none" received. The AS does not include a Privacy value in the sent INVITE in the **temporary mode not restricted**.*
Ensure that the IUT in order to present a complete calling user identity, **indicating the privacy** with a priv-value **"none"**, transmits an INVITE message with the received P-Asserted –Identity header. The received Privacy value is sent.

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted"

Comments:
UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	←			

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_011	OIP reference clause 4.3.2	Selection expression PICS 2/3

Test purpose:
*Privacy "id" received. The AS does not include a Privacy value in the sent INVITE in the **temporary mode not restricted**.*
Ensure that the IUT in order to present a complete calling user identity, **indicating the privacy** with a priv-value "**id**", transmits an INVITE message with the received P-Asserted–Identity header. The received Privacy value is sent.

Preconditions:
originating user has subscribed to the OIR service in the **temporary mode** with default value "**presentation not restricted**"

Comments:
UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	←			

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_012	OIP reference clause 4.3.2	Selection expression PICS 2/3 AND PICS 1/5
Test purpose: *The AS modifies the From header field to remove the identification information.* Ensure that the IUT in order to present a complete calling user identity, **indicating the privacy** with a priv-value "id", the AS modifies the From header field to remove the identification information. transmits an INVITE message and modifies the From header field to remove the identification information			
Preconditions: originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted" The AS modifies the From header field to remove the identification information			
Comments:			

```
UA C                                    SUT              UA S
INVITE                    →                      →       INVITE
100 Trying                ←
```

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_013	OIP reference clause 4.3.2	Selection expression NOT PICS 2/2 OR NOT PICS 2/3 OR NOT PICS 2/4
Test purpose: *OIR not invoked. No privacy received. The AS does not include a Privacy value in the sent INVITE.* Ensure that the IUT in order to present a complete calling user identity, but **not indicating the privacy** with a priv-value, transmits an INVITE message with the received identity with the consideration to be presentation allowed			
Preconditions: The OIR service is **not invoked**, the network-provided identity shall be considered to be presentation allowed.			
Comments:			

```
UA C                                    SUT              UA S
INVITE                    →                      →       INVITE
100 Trying                ←
```

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_014	OIP reference clause 4.3.2 RFC 3323 [**3**]	Selection expression NOT PICS 2/2 OR NOT PICS 2/3 OR NOT PICS 2/4
Test purpose: *The Privacy value is sent as received.* Ensure that the IUT in order to present a complete calling user identity and the P-Preferred-Identity header does not match one of the registered public user identities, **indicating the privacy** with a priv-value **PRIV_TYPE**, transmits an INVITE message with P-Asserted –Identity header which includes an identity based on the default public user identity associated with the originating user with privacy type **PRIV_TYPE**.			
Preconditions: the OIR service is **not invoked** P-Preferred-Identity header does not match one of the registered public user identities			
Comments:			

```
UA C                                    SUT              UA S
INVITE                    →                      →       INVITE
100 Trying                ←
```

Table 7

Values for test purposes OIP_N03_0024	
	PRIV_TYPE
VA_1	Id
VA_2	User
VA_3	Header

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_015	OIP reference clauses 4.3.2; 4.5.2.4	Selection expression NOT PICS 2/6 AND PICS 1/7
Test purpose: *Special arrangement does not exist. The AS sets the From header with the default public identitiy* Ensure that the IUT, receiving a valid and compatible INVITE message the information in the From header does not match with any of the registered public identities. The IUT replaces the user-provided identity in the From header fields with one that includes the default public user identity and transmits an INVITE message with From header with the default public user identity			
Preconditions: "**no screening**" special arrangement does **not exist** with the originating user the information in the From header does not match with any of the registered public identities			
Comments: UA C SUT → UA S INVITE → → INVITE 100 Trying ←			

TSS Originating_Netw/AS_OrigUser	TP OIP_N03_016	OIP reference clauses 4.3.2; 4.5.2.4	Selection expression NOT PICS 2/6 AND PICS 1/7
Test purpose: *Special arrangement does not exist. The AS pass on the From header.* Ensure that the IUT, receiving a valid and compatible INVITE message the information in the From header matches one of the registered public user identities. The IUT does not replace the user-provided identity in the From header and transmits an INVITE message with From header with the received value			
Preconditions: "**no screening**" special arrangement does **not exist** with the originating user the information in the From header one of the registered public user identities			
Comments: UA C SUT → UA S INVITE → → INVITE 100 Trying ←			

5.2.2.4   Interactions with not trusted network SIP based networks

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_001	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4
Test purpose: *Originating user in permanent mode. No Privacy value received. The IBCF removes the P-Asserted-Identity header field set to the public user identity. OIR in permanent mode.* Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header which includes an identity set to that public user identity, but not indicating the privacy with a priv-value, transmits an INVITE message with privacy type "id" The P-Asserted-Identity header fields shall be removed from the SIP requests and SIP responses			
Preconditions: The originating user has subscribed to the OIR service in the permanent mode P-Preferred-Identity header matches one of the registered public user identities The another SIP based network is not trusted network			
Comments: UA C SUT → UA S INVITE → → INVITE 100 Trying ←			

TSS	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_002	clauses 4.3.2; 4.5.2.4, 4.7.3	PICS 1/4

Test purpose:
Originating user in permanent mode. No Privacy value received. The IBCF removes the P-Asserted-Identity header field does not mach to one of the registered public identities. OIR in permanent mode.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header does not match one of the registered public user identities, but not indicating the privacy with a priv-value, transmits an INVITE message with privacy type "id".
The P-Asserted-Identity header field(s) shall be removed from the SIP requests and SIP responses

Preconditions:
The originating user has subscribed to the OIR service in the permanent mode
P-Preferred-Identity header does not match one of the registered public user identities
The another SIP based network is not trusted network

Comments:
UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_003	clauses 4.3.2; 4.5.2.4, 4.7.3	PICS 1/4

Test purpose:
Originating user in permanent mode. Privacy value "id" received. The IBCF removes the P-Asserted-Identity header field set to one of the public user identities. OIR in permanent mode.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header matches one of the registered public user identities, indicating the privacy with a priv-value "id", transmits an INVITE message with privacy type "id".
The P-Asserted-Identity header field(s) shall be removed from the SIP requests and SIP responses.

Preconditions:
The originating user has subscribed to the OIR service in the permanent mode
P-Preferred-Identity header matches one of the registered public user identities
The another SIP based network is not trusted network

Comments:
UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_004	clauses 4.3.2; 4.5.2.4, 4.7.3	PICS 1/4

Test purpose:
Originating user in permanent mode. Privacy value "id" received. The IBCF removes the P-Asserted-Identity header field does not mach to one of the registered public identities. OIR in permanent mode.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header does not match one of the registered public user identities, indicating the privacy with a priv-value "id", transmits an INVITE message with privacy type "id".
The P-Asserted-Identity header fields shall be removed from the SIP requests and SIP responses

Preconditions:
The originating user has subscribed to the OIR service in the permanent mode
P-Preferred-Identity header does not match one of the registered public user identities
The another SIP based network is not trusted network

Comments:
UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_005	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user in permanent mode. Privacy value "none" received. The IBCF removes the P-Asserted-Identity header field set to one of the public user identities. OIR in permanent mode.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header matches one of the registered public user identities, indicating the privacy with a priv-value "none", transmits an INVITE message with privacy type "none"
The P-Asserted-Identity header fields shall be removed from the SIP requests and SIP responses

Preconditions:
The originating user has subscribed to the OIR service in the permanent mode
P-Preferred-Identity header matches one of the registered public user identities
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_006	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user in permanent mode. Privacy value "none" received. The IBCF removes the P-Asserted-Identity header field does not mach to one of the registered public identities. OIR in permanent mode.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header does not match one of the registered public user identities, indicating the privacy with a priv-value "none", transmits an INVITE message with privacy type "none".
The P-Asserted-Identity header fields shall be removed from the SIP requests and SIP responses

Preconditions:
The originating user has subscribed to the OIR service in the permanent mode
P-Preferred-Identity header does not match one of the registered public user identities
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_007	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user presentation restricted. No Privacy value received. The IBCF removes the P-Asserted-Identity header field set to the public user identity. OIR restricted.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header matches one of the registered public user identities, but not indicating the privacy with a priv-value, transmits an INVITE message with privacy type "id"
The P-Asserted-Identity header fields shall be removed from the SIP requests and SIP responses

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation restricted"
P-Preferred-Identity header matches one of the registered public user identities
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_008	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user presentation restricted. No Privacy value received. The IBCF removes the P-Asserted-Identity header field does not mach to one of the registered public identities. OIR restricted.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header does not match one of the registered public user identities, but not indicating the privacy with a priv-value, transmits an INVITE message with privacy type "id".
The P-Asserted-Identity header fields shall be removed from the SIP requests and SIP responses

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation restricted"
P-Preferred-Identity header does not match one of the registered public user identities
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_009	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user presentation restricted. Privacy value "none" received. The IBCF removes the P-Asserted-Identity header field matches one of the registered public user identities. OIR restricted.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header matches one of the registered public user identities, indicating the privacy with a priv-value "none", transmits an INVITE message without privacy header or indicating the privacy with a priv-value "none".
The P-Asserted-Identity header fields shall be removed from the SIP requests and SIP responses

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation restricted"
P-Preferred-Identity header matches one of the registered public user identities
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_010	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user presentation restricted. Privacy value "none" received. The IBCF removes the P-Asserted-Identity header field does not match one of the registered public user identities. OIR restricted.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header does not match one of the registered public user identities, indicating the privacy with a priv-value "none", transmits an INVITE message without privacy header indicating the privacy with a priv-value "id".
The P-Asserted-Identity header fields shall be removed from the SIP requests and SIP responses

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation restricted"
P-Preferred-Identity header does not match one of the registered public user identities
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_011	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user presentation restricted. Privacy value "id" received. The IBCF removes the P-Asserted-Identity header field matches one of the registered public user identities. OIR restricted.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header matches one of the registered public user identities, indicating the privacy with a priv-value "id", transmits an INVITE message with privacy type "id".
The P-Asserted-Identity header fields shall be removed from the SIP requests and SIP responses

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation restricted"
P-Preferred-Identity header matches one of the registered public user identities
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	⬅			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_012	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user presentation restricted. Privacy value "id" received. The IBCF removes the P-Asserted-Identity header field does not match one of the registered public user identities. OIR restricted.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header does not match one of the registered public user identities, indicating the privacy with a priv-value "id",
transmits an INVITE message with privacy type "id".
The P-Asserted-Identity header fields shall be removed from the SIP requests and SIP responses

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation restricted"
P-Preferred-Identity header does not match one of the registered public user identities
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	⬅			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_013	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user presentation not restricted. No Privacy value received. The IBCF removes the P-Asserted-Identity header matches one of the registered public user identities. Privacy value is sent.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header matches one of the registered public user identities, but not indicating the privacy with a priv-value, transmits an INVITE message without the P-Asserted –Identity header.

Preconditions:
The originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted"
P-Preferred-Identity header matches one of the registered public user identities
The IUT sends a priv-value in case of presentation allowed
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	⬅			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_014	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user presentation not restricted. No Privacy value received. The IBCF removes the P-Asserted-Identity header matches one of the registered public user identities. No Privacy value is sent.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header matches one of the registered public user identities, but not indicating the privacy with a priv-value, transmits an INVITE message without the P-Asserted –Identity header.

Preconditions:
The originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted"
P-Preferred-Identity header matches one of the registered public user identities
The IUT sends not a priv-value in case of presentation allowed
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	⬅			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_015	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user presentation not restricted. No Privacy value received. The IBCF removes the P-Asserted-Identity header does not match one of the registered public user identities, Privacy value is sent.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header not match one of the registered public user identities, but not indicating the privacy with a priv-value, transmits an INVITE message without the P-Asserted –Identity header.

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted"
P-Preferred-Identity header does not match one of the registered public user identities
The IUT sends a priv-value in case of presentation allowed
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	⬅			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_016	OIP reference clauses 4.3.2; 4.5.2.4, 4.7.3	Selection expression PICS 1/4

Test purpose:
Originating user presentation not restricted. No Privacy value received. The IBCF removes the P-Asserted-Identity header does not match one of the registered public user identities. No Privacy value is sent.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header does not match one of the registered public user identities, but not indicating the privacy with a priv-value, transmits an INVITE message without the P-Asserted –Identity header.

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted"
P-Preferred-Identity header does not match one of the registered public user identities
The IUT sends not a priv-value in case of presentation allowed
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	⬅			

TSS	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_017	clauses 4.3.2; 4.7.3	PICS 1/4

Test purpose:
Originating user presentation restricted. Privacy value "none" received. The IBCF removes the P-Asserted-Identity header matches one of the registered public user identities. Privacy value "none" is sent.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header matches one of the registered public user identities, indicating the privacy with a priv-value "none", transmits an INVITE message without the P-Asserted –Identity header.

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted"
P-Preferred-Identity header matches one of the registered public user identities
The IUT sends a priv-value in case of presentation allowed
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_018	clauses 4.3.2; 4.7.3	PICS 1/4

Test purpose:
Originating user presentation restricted. Privacy value "none" received. The IBCF removes the P-Asserted-Identity header matches one of the registered public user identities. No Privacy value is sent.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header matches one of the registered public user identities, indicating the privacy with a priv-value "none", transmits an INVITE message without the P-Asserted –Identity header.

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted"
P-Preferred-Identity header matches one of the registered public user identities
The IUT sends not a priv-value in case of presentation allowed
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_019	clauses 4.3.2; 4.7.3	PICS 1/4

Test purpose:
Originating user presentation restricted. Privacy value "none" received. The IBCF removes the P-Asserted-Identity header does not match one of the registered public user identities. Privacy value "none" is sent.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header does not match one of the registered public user identities, indicating the privacy with a priv-value "none", transmits an INVITE message without the P-Asserted –Identity header.

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted"
P-Preferred-Identity header does not match one of the registered public user identities
The IUT sends a priv-value in case of presentation allowed
The another SIP based network is not trusted network

Comments:

UA C		SUT		UA S
INVITE	→		→	INVITE
100 Trying	←			

TSS	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_020	clauses 4.3.2; 4.7.3	PICS 1/4

Test purpose:
Originating user presentation restricted. Privacy value "none" received. The IBCF removes the P-Asserted-Identity header does not match one of the registered public user identities. No Privacy value is sent.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header does not match one of the registered public user identities, indicating the privacy with a priv-value "none", transmits an INVITE message without the P-Asserted –Identity header.

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted"
P-Preferred-Identity header does not match one of the registered public user identities
The IUT sends not a priv-value in case of presentation allowed
The another SIP based network is not trusted network

Comments:
UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	⬅			

TSS	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_021	clauses 4.3.2; 4.7.3	PICS 1/4

Test purpose:
Originating user presentation restricted. Privacy value "id" received. The IBCF removes the P-Asserted-Identity header matches one of the registered public user identities. Privacy value "id" is sent.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header matches one of the registered public user identities, indicating the privacy with a priv-value "id", transmits an INVITE message without the P-Asserted –Identity header.

Preconditions:
originating user has subscribed to the OIR service in the temporary mode with default value "presentation not restricted"
P-Preferred-Identity header matches one of the registered public user identities
The another SIP based network is not trusted network

Comments:
UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	⬅			

TSS	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_022	clauses 4.3.2; 4.7.3	PICS 1/4

Test purpose:
OIR service not invoked. No Privacy value received. The IBCF removes the P-Asserted-Identity header does not match one of the registered public user identities.
Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header does not match one of the registered public user identities, but not indicating the privacy with a priv-value, transmits an INVITE message without the P-Asserted –Identity header.

Preconditions:
The OIR service is not invoked, the network-provided identity shall be considered to be presentation allowed.
P-Preferred-Identity header does not match one of the registered public user identities
The another SIP based network is not trusted network

Comments:
UA C		SUT		UA S
INVITE	➔		➔	INVITE
100 Trying	⬅			

TSS Originating_Netw/NotTrusNetw	TP OIP_N04_023	OIP reference clauses 4.3.2; 4.7.3 RFC 3323 [**3**]	Selection expression PICS 1/4
Test purpose: *OIR service not invoked. No Privacy value PRIV_TYPE received. The IBCF removes the P-Asserted-Identity header does not match one of the registered public user identities. Privacy value PRIV_TYPE is sent.* Ensure that the IUT in order to present a complete calling user identity contained in the P-Preferred Identity Header does not match one of the registered public user identities, indicating the privacy with a priv-value 'PRIV_TYPE', transmits an INVITE message without the P-Asserted –Identity header.			
Preconditions: the OIR service is not invoked P-Preferred-Identity header does not match one of the registered public user identities The another SIP based network is not trusted network			
Comments: **UA C** **SUT** **UA S** INVITE ➜ ➜ INVITE 100 Trying ⬅			

Table 8

Values for test purposes OIP_N03_0020	
	PRIV_TYPE
VA_1	Id
VA_2	User
VA_3	Header

5.2.2.5   Actions at the AS serving the terminating UE

TSS Originating_Netw/AS_TermUser	TP OIP_N05_001	OIP reference clause 4.5.2.9	Selection expression NOT PICS 2/1
Test purpose: *The terminating user does not subscribe the OIR service, no P-Asserted-Identity is received.* Ensure that if a terminating user does not subscribe to OIP service, an IUT shall remove any P-Asserted-Identity or Privacy header fields included in the request.			
Preconditions: terminating user does not subscribe to OIP service			
Comments: **UA C** **SUT** **UA S** INVITE ➜ ➜ INVITE 100 Trying ⬅			

TSS Originating_Netw/AS_TermUser	TP OIP_N05_002	OIP reference clause 4.5.2.9	Selection expression NOT PICS 2/1 AND PICS 1/8
Test purpose: *The terminating user does not subscribe the OIR service, the As anonymise the contents of the From header.* Ensure that if a terminating user does not subscribe to OIP service, an IUT shall remove any P-Asserted-Identity or Privacy header fields included in the request and anonymous the contents of the From header by setting it to a default non significant value.			
Preconditions: terminating user does not subscribe to OIP service the IUT anonymise the contents of the From header			
Comments: **UA C** **SUT** **UA S** INVITE ➜ ➜ INVITE 100 Trying ⬅			

TSS	TP	OIP reference	Selection expression
Originating_Netw/AS_TermUser	OIP_N05_003	clause 4.5.2.9	PICS 2/5
Test purpose: *Terminating user has the override category* Ensure that the IUT, if the terminating user has an override category, sends the P-Asserted-Identity headers and remove the Privacy header fields.			
Preconditions: terminating user has an override category			
Comments: **UA C** **SUT** **UA S** INVITE → → INVITE 100 Trying ←			

5.2.2.6 Actions at the S-CSCF serving the terminating UE

TSS	TP	OIP reference	Selection expression
Originating_Netw/ TermS-CSCF	OIP_N06_001	clause 4.5.2.9	
Test purpose: *The terminating S-CSCF acts according the OIR service* Ensure that the IUT if the Privacy header field is included and set to "id", the S-CSCF shall remove any P-Asserted-Identity header fields from the request.			
Comments: **UA C** **SUT** **UA S** INVITE → → INVITE 100 Trying ←			

5.2.3   Interaction with other networks

5.2.3.1   Test purposes for the Supplementary Services

5.2.3.1.1   Interworking from SIP to ISUP (Outgoing Call)

5.2.3.1.1.1   Calling Line Identification (CLI)

TP501101	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	PICS 6/1 AND PICS 6/9		

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where
	• the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received**
	• the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** and the
	• a Privacy header field **has not been received**
	sends an **IAM** message with the **Calling party number parameter** coded
	  Address signals = default number
	  Screening indicator = network provided
	  Number Incomplete Indicator = PIXIT
	  Numbering plan indicator = ISDN numbering plan
	  Address Presentation Restricted Indicator = Presentation allowed
	  NoAS: NoA_VALUE		

SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	SIP INVITE	MGCF ➔	ISUP ➔ IAM

Table 9

Values for test purposes TP501101			
	Nature of address indicator	SIP Parameter values	ISUP Parameter value Address Format
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' (*'+'CC+NDC+SN*)	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP501102	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/	
SIP selection criteria:	-	
ISUP selection criteria:	PICS 6/1	

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where
	• the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received**
	• the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** and the
	• a Privacy header field was received and the priv-value component is set to "none "
	sends an **IAM** message with the **Calling party number parameter** coded
	    Address signals = default number
	    Screening indicator = network provided
	    Number Incomplete Indicator = PIXIT
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation allowed
	    NoAS: NoA_VALUE		

SIP Parameter values:	-	
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'	
Comments:	SIP MGCF ISUP INVITE ➔ ➔ IAM		

Table 10

Values for test purposes TP501102			
	Nature of asddress indicator	**SIP Parameter values**	**ISUP Parameter value Address Format**
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number* ('+'CC+NDC+SN)*	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP501103	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	PICS 6/1		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where • the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** • the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** and the • a Privacy header field was received and the priv-value component is set to "header" sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation restricted		
SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	SIP INVITE	MGCF →	ISUP → IAM

TP501104	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	PICS 6/1		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where • the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** • the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** and the • a Privacy header field was received and the priv-value component is set to "user" sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation restricted		
SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	SIP INVITE	MGCF →	ISUP → IAM

TP501105	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	PICS 6/1		

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where
	
	• the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ **SN has not been received**
	
	• the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** and the
	
	• a Privacy header field was received and the priv-value component is set to "id"
	
	sends an **IAM** message with the **Calling party number parameter** coded
	    Address signals = default number
	    Screening indicator = network provided
	    Number Incomplete Indicator = PIXIT
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation restricted		

SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	**SIP** INVITE	**MGCF** ➔	**ISUP** ➔ IAM

TP501106	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/	
SIP selection criteria:	-	
ISUP selection criteria:	PICS 6/1 AND PICS 6/3 AND PICS 6/9	
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where • the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** • the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** and the • a Privacy header field **has not been received** sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation allowed NoAS: NoA_VALUE with the **Generic number parameter** coded Address signals = number provided by the user Screening indicator = user provided, not verified Number Incomplete Indicator = complete Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation allowed NoAS: NoA_VALUE	
SIP Parameter values:	-	
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'	
Comments:	SIP MGCF ISUP INVITE → → IAM	

Table 11

Values for test purposes TP501106			
	Nature of asddress indicator	SIP Parameter values	ISUP Parameter value Address Format
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' *('+'CC+NDC+SN)*	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP501107	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/	
SIP selection criteria:	-	
ISUP selection criteria:	PICS 6/1 AND PICS 6/3	
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where • the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** • the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** and the • a Privacy header field was received and the priv-value component is set to "none" sends an **IAM** message with the **Calling party number parameter** coded Address signals = default number Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation allowed NoAS: NoA_VALUE with the **Generic number parameter** coded Address signals = number provided by the user Screening indicator = user provided, not verified Number Incomplete Indicator = complete Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation allowed NoAS: NoA_VALUE	
SIP Parameter values:	-	
ISUP Parameter values:	-	
Comments:	SIP MGCF ISUP INVITE → → IAM	

Table 12

	Values for test purposes TP501107		
	Nature of asddress indicator	SIP Parameter values:	ISUP Parameter value Address Format
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' *('+'CC+NDC+SN)*	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP501108	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/	
SIP selection criteria:	-	
ISUP selection criteria:	PICS 6/1 AND PICS 6/3	

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where - the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN has not been received - the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN has been received and the - a Privacy header field was received and the priv-value component is set to "header" sends an **IAM** message with the **Calling party number parameter** coded
	    Address signals = default number
	    Screening indicator = network provided
	    Number Incomplete Indicator = PIXIT
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation restricted
	    NoAS: NoA_VALUE
	
	with the **Generic number parameter** coded
	    Address signals = number provided by the user
	    Screening indicator = user provided, not verified
	    Number Incomplete Indicator = complete
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation restricted
	    NoAS: NoA_VALUE		

SIP Parameter values:	-	
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'	
Comments:	SIP MGCF ISUP INVITE ➔ ➔ IAM		

Table 13

Values for test purposes TP501108			
	Nature of asddress indicator	**SIP Parameter values**	**ISUP Parameter value Address Format**
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' *('+'CC+NDC+SN)*	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP501109	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/	
SIP selection criteria:	-	
ISUP selection criteria:	PICS 6/1 AND PICS 6/3	

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN has not been received the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN has been received and the a Privacy header field was received and the priv-value component is set to "user"
	
	 sends an **IAM** message with the **Calling party number parameter** coded
	     Address signals = default number
	     Screening indicator = network provided
	     Number Incomplete Indicator = PIXIT
	     Numbering plan indicator = ISDN numbering plan
	     Address Presentation Restricted Indicator = Presentation restricted
	     NoAS: NoA_VALUE
	
	 with the **Generic number parameter** coded
	     Address signals = number provided by the user
	     Screening indicator = user provided, not verified
	     Number Incomplete Indicator = complete
	     Numbering plan indicator = ISDN numbering plan
	     Address Presentation Restricted Indicator = Presentation restricted
	     NoAS: NoA_VALUE		

SIP Parameter values:	-	
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'	
Comments:	SIP MGCF ISUP INVITE ➜ ➜ IAM		

Table 14

Values for test purposes TP501109			
	Nature of asddress indicator	SIP Parameter values	ISUP Parameter value Address Format
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' *('+'CC+NDC+SN)*	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP5011010	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/	
SIP selection criteria:	-	
ISUP selection criteria:	PICS 6/1 AND PICS 6/3	

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where
	• the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received**
	• the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** and the
	• a Privacy header field was received and the priv-value component is set to "id"
	sends an **IAM** message with the **Calling party number parameter** coded
	    Address signals = default number
	    Screening indicator = network provided
	    Number Incomplete Indicator = PIXIT
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation restricted
	    NoAS: NoA_VALUE
	with the **Generic number parameter** coded
	    Address signals = number provided by the user
	    Screening indicator = user provided, not verified
	    Number Incomplete Indicator = complete
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation restricted
	    NoAS: NoA_VALUE		

SIP Parameter values:	-	
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'	
Comments:	SIP MGCF ISUP INVITE ➔ ➔ IAM		

Table 15

Values for test purposes TP5011010			
	Nature of asddress indicator	SIP Parameter values	ISUP Parameter value Address Format
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' *('+'CC+NDC+SN)*	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP5011011	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/	
SIP selection criteria:	-	
ISUP selection criteria:	-	
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where • the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** • the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** and the • a Privacy header field has **not been received** sends an **IAM** message with the **Calling party number parameter** coded Address signals = number derived from SIP P-Asserted-Identity Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation allowed NoAS: NoA_VALUE	
SIP Parameter values:	-	
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'	
Comments:	SIP MGCF ISUP INVITE ➔ ➔ IAM	

Table 16

Values for test purposes TP5011011			
	Nature of asddress indicator	SIP Parameter values	ISUP Parameter value Address Format
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' (*'+'CC+NDC+SN*)	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP5011012	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	-		

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where - the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** - the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** and the - a Privacy header field was received and the priv-value component is set to "none " sends an **IAM** message with the **Calling party number parameter** coded
	    Address signals = number derived from SIP P-Asserted-Identity
	    Screening indicator = network provided
	    Number Incomplete Indicator = PIXIT
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation allowed
	    NoAS: NoA_VALUE		

SIP Parameter values:	-		
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'		
Comments:	SIP INVITE	MGCF ➞	ISUP ➞ IAM

Table 17

Values for test purposes TP5011012			
	Nature of asddress indicator	**SIP Parameter values**	**ISUP Parameter value Address Format**
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' *('+'CC+NDC+SN)*	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP5011013	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	-		

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where
	• the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received**
	• the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** and the
	• a Privacy header field was received and the priv-value component is set to "header"
	
	sends an **IAM** message with the **Calling party number parameter** coded
	    Address signals = number derived from SIP P-Asserted-Identity
	    Screening indicator = network provided
	    Number Incomplete Indicator = PIXIT
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation restricted		

SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	**SIP** **MGCF** **ISUP** INVITE → → IAM		

TP5011014	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	-		

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where
	• the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received**
	• the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** and the
	• a Privacy header field was received and the priv-value component is set to "user"
	
	sends an **IAM** message with the **Calling party number parameter** coded
	    Address signals = number derived from SIP P-Asserted-Identity
	    Screening indicator = network provided
	    Number Incomplete Indicator = PIXIT
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation restricted		

SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	**SIP** **MGCF** **ISUP** INVITE → → IAM		

TP5011015	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	-		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where • the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** • the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been received** and the • a Privacy header field was received and the priv-value component is set to "id" sends an **IAM** message with the **Calling party number parameter** coded Address signals = number derived from SIP P-Asserted-Identity Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation restricted		
SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	SIP INVITE	MGCF →	ISUP → IAM

TP5011016	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	PICS 6/3		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where • the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** • the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** and the • a Privacy header field has not been received sends an **IAM** message with the **Calling party number parameter** coded Address signals = number derived from SIP P-Asserted-Identity Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation allowed NoAS: NoA_VALUE with the **Generic number parameter** coded Address signals = number provided by the user Screening indicator = user provided, not verified Number Incomplete Indicator = complete Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation allowed NoAS: NoA_VALUE		
SIP Parameter values:	-		
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'		
Comments:	SIP INVITE	MGCF →	ISUP → IAM

Table 18

	Nature of asddress indicator	SIP Parameter values	ISUP Parameter value Address Format
		Values for test purposes TP5011016	
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' ('+'*CC+NDC+SN*)	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP5011017	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	PICS 6/3		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where - the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** - the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** and the - a Privacy header field was received and the priv-value component is set to "none " sends an **IAM** message with the **Calling party number parameter** coded Address signals = number derived from SIP P-Asserted-Identity Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation allowed NoAS: NoA_VALUE with the **Generic number parameter** coded Address signals = number provided by the user Screening indicator = user provided, not verified Number Incomplete Indicator = complete Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation allowed NoAS: NoA_VALUE		
SIP Parameter values:	-		
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'		
Comments:	SIP MGCF ISUP INVITE ➜ ➜ IAM		

Table 19

	Nature of asddress indicator	SIP Parameter values	ISUP Parameter value Address Format
		Values for test purposes TP5011017	
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' ('+'*CC+NDC+SN*)	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP5011018	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/	
SIP selection criteria:	-	
ISUP selection criteria:	PICS 6/3	
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where • the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** • the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** and the • a Privacy header field was received and the priv-value component is set to "header" sends an **IAM** message with the **Calling party number parameter** coded Address signals = number derived from SIP P-Asserted-Identity Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation restricted NoAS: NoA_VALUE with the **Generic number parameter** coded Address signals = number provided by the user Screening indicator = user provided, not verified Number Incomplete Indicator = complete Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation restricted NoAS: NoA_VALUE		
SIP Parameter values:	-	
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'	
Comments:	SIP MGCF ISUP INVITE → → IAM		

Table 20

Values for test purposes TP5011018			
	Nature of asddress indicator	SIP Parameter values:	ISUP Parameter value Address Format
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' *('+'CC+NDC+SN)*	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP5011019	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/	
SIP selection criteria:	-	
ISUP selection criteria:	PICS 6/3	

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where
	• the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received**
	• the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** and the
	• a Privacy header field was received and the priv-value component is set to "user"
	
	sends an **IAM** message with the **Calling party number parameter** coded
	    Address signals = number derived from SIP P-Asserted-Identity
	    Screening indicator = network provided
	    Number Incomplete Indicator = PIXIT
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation restricted
	    NoAS: NoA_VALUE
	
	with the **Generic number parameter** coded
	    Address signals = number provided by the user
	    Screening indicator = user provided, not verified
	    Number Incomplete Indicator = complete
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation restricted
	    NoAS: NoA_VALUE		

SIP Parameter values:	-	
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'	
Comments:	SIP MGCF ISUP INVITE ➔ ➔ IAM	

Table 21

Values for test purposes TP5011019			
	Nature of asddress indicator	SIP Parameter values	ISUP Parameter value Address Format
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' *('+'CC+NDC+SN)*	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP5011020	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/	
SIP selection criteria:	-	
ISUP selection criteria:	PICS 6/3	
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where • the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** • the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has been received** and the • a Privacy header field was received and the priv-value component is set to "id" sends an **IAM** message with the **Calling party number parameter** coded Address signals = number derived from SIP P-Asserted-Identity Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation restricted NoAS: NoA_VALUE with the **Generic number parameter** coded Address signals = number provided by the user Screening indicator = user provided, not verified Number Incomplete Indicator = complete Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation restricted NoAS: NoA_VALUE		
SIP Parameter values:	-	
ISUP Parameter values:	IAM: Calling Party number **IF** CC is equal to the country code of the country where I-IWU is located AND the next BICC/ISUP node is located in the same country **THEN** set to 'national (significant) number' **ELSE** set to 'international number'	
Comments:	SIP MGCF ISUP INVITE → → IAM		

Table 22

Values for test purposes TP5011020			
	Nature of asddress indicator	SIP Parameter values	ISUP Parameter value Address Format
VA_01	NoAS_VALUE: '*national (significant) number*'	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' *('+'CC+NDC+SN)*	From, userinfo component of URI assumed to be in form "+" CC+NDC+SN	*CC+NDC+SN*

TP5011021	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	PICS 6/1 AND PICS 6/11		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where • the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has not** been received • the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not** been received and the • a Privacy header field **has not** been received sends an **IAM** message with the **Calling party number parameter** coded Address signals = absent Screening indicator = network provided Nature of address indicator = 0000000 Number Incomplete Indicator = 0 Numbering plan indicator = 000 Address Presentation Restricted Indicator = Address not available		
SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	**SIP** INVITE	**MGCF** →	**ISUP** → IAM

TP5011022	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	PICS 1/9		
Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where • the SIP **P-Asserted-Identity** containing a SIP URI with an identity 1 in the format '+' CC+ NDC+ SN **has been received** without user = phone • the SIP **P-Asserted-Identity** containing a Tel URI with an identity 2 in the format '+' CC+ NDC+ SN **has been received** • a Privacy header field has not been received sends an **IAM** message with the **Calling party number parameter** coded Address signals = identity 2 Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering plan Address Presentation Restricted Indicator = Presentation allowed NoAS: NoA_VALUE		
SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	**SIP** INVITE	**MGCF** →	**ISUP** → IAM

TP5011023	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	PICS 1/9 AND PICS 6/1 AND PICS 6/12		

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where
	• the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has not** been received
	• the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has not** been received and the
	• a Privacy header field **has not** been received
	sends an **IAM** message with the **Calling party number parameter** coded
	    Address signals = default number
	    Screening indicator = network provided
	    Number Incomplete Indicator = PIXIT
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation restricted by the network
	    NoAS: NoA_VALUE		

SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	SIP INVITE	MGCF →	ISUP → IAM

TP5011024	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.1.2.6/ [7]
TSS reference:	SIP-ISUP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	PICS 1/9 AND PICS 6/1 AND PICS 6/3 AND PICS 6/12		

Test purpose:	Ensure that the SUT in the Idle state, on receipt of a INVITE message where
	• the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN **has not been** received
	• the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN **has been** received and the
	• a Privacy header field **has not been** received
	sends an **IAM** message with the **Calling party number parameter** coded
	    Address signals = default number
	    Screening indicator = network provided
	    Number Incomplete Indicator = PIXIT
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation restricted by the network
	    NoAS: NoA_VALUE
	with the **Generic number parameter** coded
	    Address signals = number provided by the user
	    Screening indicator = user provided, not verified
	    Number Incomplete Indicator = complete
	    Numbering plan indicator = ISDN numbering plan
	    Address Presentation Restricted Indicator = Presentation allowed
	    NoAS: NoA_VALUE		

SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	SIP INVITE	MGCF →	ISUP → IAM

Table 23

	Nature of asddress indicator	SIP Parameter values	ISUP Parameter value Address Format
		Values for test purposes TP5011022, TP5011023, TP5011024	
VA_01	NoAS_VALUE: '*national (significant) number*'	CC contained in the P-Asserted-Identity is equal to the country where the I-IWU is located and the next BICC/ISUP node is in the same country	*NDC+SN*
VA_02	NoAS_VALUE: '*international number*' (*'+'CC+NDC+SN*)	CC contained in the P-Asserted-Identity is not equal to the country where the I-IWU is located or the next BICC/ISUP node is not in the same country	*CC+NDC+SN*

5.2.3.1.2   Interworking from ISUP to SIP (Outgoing Call)

5.2.3.1.2.1   Calling Line Identification (CLI)

TP601001	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	-		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message whereby Calling Party Number parameter and the Generic Number are not applicable Sends an INVITE message without the 'P-Asserted-Identity header field', a 'From header field' set to unavailable@hostportion and without a 'Privacy Header field'.		
SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	ISUP/BICC MGCF SIP IAM → → INVITE		

TP61002	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	PICS 4/18		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message whereby **Calling Party Number** parameter is **not applicable** and the **Generic Number is applicable** whereby the address presentation restriction parameter is set to 'presentation allowed' and the Nature of Address Indicator is set to NoAS_VALUE Sends an INVITE message without the 'P-Asserted-Identity header field', a 'From header field' and no 'Privacy Header field'.		

SIP Parameter values:	P-Asserted-Identity header field: not included
	
	From header field: Display-name (optional) and addr-spec
	    Addr-spec: Addr_SPEC_ID
	    Display-name: display-name is derived from the Generic number (AcgPN)
	
	Privacy header: is not included		

TP61002	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
ISUP Parameter values:	Generic Number: '*additional calling party number*' Nature of Address Indicator: NoAS_VALUE		
Comments:	ISUP/BICC IAM	MGCF ➔	SIP ➔ INVITE

TP61003	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	NOT PICS 4/18		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message whereby **Calling Party Number parameter is not applicable** and the **Generic Number is applicable** whereby the address presentation restriction parameter is set to 'presentation allowed' and the Nature of Address Indicator is set to NoAS_VALUE Sends an INVITE message without the 'P-Asserted-Identity header field', a 'From header field' and without a 'Privacy Header field'.		

SIP Parameter values:	P-Asserted-Identity header field: not included
	
	From header field: Display-name (optional) and addr-spec
	    Addr-spec: Addr_SPEC_ID
	    Display-name: not supported
	
	Privacy header: is not included or if included, "id" is not included		

ISUP Parameter values:	Generic Number: '*additional calling party number*' Nature of Address Indicator: NoAS_VALUE		
Comments:	ISUP/BICC IAM	MGCF ➔	SIP ➔ INVITE

Table 24

Values for test purpose TP601002, TP601003		
	ISUP Parameter values	SIP Parameter values
VA_01	**IAM** NoAS_VALUE: '*national (significant) number*'(NDC+SN)	**INVITE** FHf_Addr_SPEC_ID: CC (of the country where the IWU is located) is added to the Generic Number Address Signals and then maped to user portion of URI scheme
VA_02	**IAM** NoAS_VALUE: '*international number*' ('+'CC+NDC+SN)	**INVITE** FHf_Addr_SPEC_ID: the complete GenericNumber Address Signals is mapped to the user portion of URI scheme used.

TP601004	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	PICS 4/18 AND PICS 4/25		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message, the **Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to presentation allowed and the **Generic Number is not applicable** Sends an INVITE message with the 'P-Asserted-Identity header field' where the 'addr-spec' is set to PAIh_Addr_SPEC_ID, a 'From header field' where the 'addr-spec' is set to FHf_Addr_SPEC_ID without 'Privacy Header field' or "id" is not included.		

SIP Parameter values:	P-Asserted-Identity header field:
	     Addr-spec: PAIh_Addr_SPEC_ID (Derived from Calling Party Number parameter Address Signals)
	     Display-name: display-name is mapped from CgPN Address Signals
	
	 From header field: Display-name (optional) and addr-spec
	     Addr-spec: FHf_Addr_SPEC_ID (Derived from Calling Party Number parameter Address Signals)
	     Display-name: Display-name: display-name is mapped from CgPN Address Signals
	
	 Privacy header: is not included or if included, "id" is not included		

ISUP Parameter values:	-		
Comments:	**ISUP/BICC** IAM	**MGCF** ➔	**SIP** ➔ INVITE

TP601005	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	NOT PICS 4/18 AND PICS 4/25		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message, the **Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to presentation allowed and the **Generic Number is not applicable** Sends an INVITE message with the 'P-Asserted-Identity header field' where the 'addr-spec' is set to PAIh_Addr_SPEC_ID, a 'From header field' where the 'addr-spec' is set to FHf_Addr_SPEC_ID without 'Privacy Header field' or "id" is not supported.		

SIP Parameter values:	P-Asserted-Identity header field:
	     Addr-spec: PAIh_Addr_SPEC_ID (Derived from Calling Party Number parameter Address Signals)
	     Display-name: display-name is mapped from CgPN Address Signals
	
	 From header field: Display-name (optional) and addr-spec
	     Addr-spec: FHf_Addr_SPEC_ID (Derived from Calling Party Number parameter Address Signals)
	     Display-name: not supported
	
	 Privacy header: is not included or if included, "id" is not included		

ISUP Parameter values:	-		
Comments:	**ISUP/BICC** IAM	**MGCF** ➔	**SIP** ➔ INVITE

Table 25

Values for test purpose TP601004, TP601005		
	ISUP Parameter values	**SIP Parameter values**
VA_01	**IAM** NoAS_VALUE: '*national (significant) number*'*(NDC+SN)*	**INVITE** PAIh_Addr_SPEC_ID = FHf_Addr_SPEC_ID: Add CC (of the country where the IWU is located) to CgPN Signals then map to user portion of URI scheme used
VA_02	**IAM** NoAS_VALUE: '*international number*' *('+'CC+NDC+SN)*	**INVITE** PAIh_Addr_SPEC_ID= FHf_Addr_SPEC_ID: the complete CgPN Signals is mapped to the user portion of URI scheme.

TP601006	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	PICS 4/18 AND PICS 4/25		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message, the **Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to presentation restricted and the **Generic Number is not applicable** Sends an INVITE message with the 'P-Asserted-Identity header field' where the 'addr-spec' is set to PAIh_Addr_SPEC_ID, a 'From header field' where the 'addr-spec' is set to FHf_Addr_SPEC_ID and with 'Privacy Header field'.		

SIP Parameter values:	P-Asserted-Identity header field:
	    Addr-spec: PAIh_Addr_SPEC_ID (Derived from Calling Party Number parameter Address Signals)
	    Display-name: display-name is mapped from CgPN Address Signals
	
	From header field: Display-name (optional) and addr-spec
	    Addr-spec: Anonymous@Anonymous.invalid
	    Display-name: Anonymous
	
	Privacy header: "id"		

ISUP Parameter values:	-		
Comments:	**ISUP/BICC** IAM	**MGCF** ➔	**SIP** ➔ INVITE

TP601007	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	NOT PICS 4/18 AND PICS 4/25		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message, the **Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to presentation restricted and the **Generic Number is not applicable** Sends an INVITE message with the 'P-Asserted-Identity header field' where the 'addr-spec' is set to PAIh_Addr_SPEC_ID, a 'From header field' where the 'addr-spec' is set to FHf_Addr_SPEC_ID and with 'Privacy Header field'.		

SIP Parameter values:	P-Asserted-Identity header field:
	    Addr-spec: PAIh_Addr_SPEC_ID (Derived from Calling Party Number parameter Address Signals)
	     Display-name: display-name is mapped from CgPN Address Signals
	
	 From header field: Display-name (optional) and addr-spec
	     Addr-spec: Anonymous@Anonymous.invalid
	     Display-name: not supported
	
	 Privacy header: "id"		

ISUP Parameter values:	-		
Comments:	**ISUP/BICC** IAM	**MGCF** ➔ ➔	**SIP** INVITE

TP601008	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	PICS 4/18 AND NOT PICS 4/25		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message, the **Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to presentation allowed and the **Generic Number is applicable** Sends an INVITE message with the 'P-Asserted-Identity header field', where the 'addr-spec' is set to PAIh_Addr_SPEC_ID 'From header field' where the 'addr-spec' is set to FHf_Addr_SPEC_ID and without 'Privacy Header field' or "id" is not included.		

SIP Parameter values:	P-Asserted-Identity header field:
	    Addr-spec: PAIh_Addr_SPEC_ID (Derived from Calling Party Number parameter Address Signals)
	     Display-name: not supported
	
	 From header field: Display-name (optional) and addr-spec
	     Addr-spec: FHf_Addr_SPEC_ID **(Derived from Generic Number parameter Address Signals (AcgPN))**
	     Display-name: display-name is mapped from ACgPN Address Signals
	
	 Privacy header: is not included or if included, "id" is not included		

ISUP Parameter values:	Generic Number: '*additional calling party number*' Nature of Address Indicator: CP_NoAS_VALUE APRI: presentation allowed		
Comments:	**ISUP/BICC** IAM	**MGCF** ➔ ➔	**SIP** INVITE

ETSI

TP601009	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	NOT PICS 4/18 AND NOT PICS 4/25		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message, **the Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to presentation allowed and the **Generic Number is applicable** Sends an INVITE message with the 'P-Asserted-Identity header field', where the 'addr-spec' is set to PAIh_Addr_SPEC_ID 'From header field' where the 'addr-spec' is set to FHf_Addr_SPEC_ID and without 'Privacy Header field' or "id" is not included.		
SIP Parameter values:	P-Asserted-Identity header field: Addr-spec: PAIh_Addr_SPEC_ID (**Derived from Calling Party Number parameter Address Signals**) Display-name: not supported From header field: Display-name (optional) and addr-spec Addr-spec: FHf_Addr_SPEC_ID **(Derived from Generic Number parameter Address Signals (AcgPN))** Display-name: not supported Privacy header: is not included or if included, "id" is not included		
ISUP Parameter values:	Generic Number: 'additional calling party number' Nature of Address Indicator: CP_NoAS_VALUE APRI: presentation restricted		
Comments:	**ISUP/BICC** IAM →	**MGCF** →	**SIP** INVITE

TP601010	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	PICS 4/18 AND NOT PICS 4/25		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message, the **Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to presentation restricted and the **Generic Number is applicable** Sends an INVITE message with the 'P-Asserted-Identity header field', where the 'addr-spec' is set to PAIh_Addr_SPEC_ID 'From header field' where the 'addr-spec' is set to FHf_Addr_SPEC_ID and with 'Privacy Header field'.		
SIP Parameter values:	P-Asserted-Identity header field: Addr-spec: PAIh_Addr_SPEC_ID (Derived from Calling Party Number parameter Address Signals) Display-name: not supported From header field: Display-name (optional) and addr-spec Addr-spec: Anonymous@Anonymous.invalid Display-name: Anonymous Privacy header: "id"		
ISUP Parameter values:	Generic Number: '*additional calling party number*' Nature of Address Indicator: NoAS_VALUE APRI: presentation restricted		
Comments:	**ISUP/BICC** IAM →	**MGCF** →	**SIP** INVITE

TP601011	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	NOT PICS 4/18 AND NOTPICS 4/25		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message, the **Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to presentation restricted and the **Generic Number is applicable** Sends an INVITE message with the 'P-Asserted-Identity header field', where the 'addr-spec' is set to PAIh_Addr_SPEC_ID 'From header field' where the 'addr-spec' is set to FHf_Addr_SPEC_ID and with 'Privacy Header field =id'.		
SIP Parameter values:	P-Asserted-Identity header field: Addr-spec: PAIh_Addr_SPEC_ID (Derived from Calling Party Number parameter Address Signals) Display-name: not supported From header field: Display-name (optional) and addr-spec Addr-spec: Anonymous@Anonymous.invalid Display-name: not supported Privacy header: "id"		
ISUP Parameter values:	Generic Number: '*additional calling party number*' Nature of Address Indicator: NoAS_VALUE APRI: presentation restricted		
Comments:	**ISUP/BICC** IAM →	**MGCF** →	**SIP** INVITE

TP601012	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	PICS 4/18 AND PICS 4/25		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message, the **Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to **presentation allowed** and the **Generic Number is applicable** Sends an INVITE message with the 'P-Asserted-Identity header field', where the 'addr-spec' is set to PAIh_Addr_SPEC_ID 'From header field' where the 'addr-spec' is set to FHf_Addr_SPEC_ID and without 'Privacy Header field' or "id" is not included.		
SIP Parameter values:	P-Asserted-Identity header field: Addr-spec: PAIh_Addr_SPEC_ID (**Derived from Calling Party Number parameter Address Signals**) Display-name: display-name is mapped from CgPN Address Signals From header field: Display-name (optional) and addr-spec Addr-spec: FHf_Addr_SPEC_ID (**Derived from Generic Number parameter Address Signals (AcgPN)**) Display-name: display-name is mapped from ACgPN Address Signals Privacy header: is not included or if included, "id" is not included		
ISUP Parameter values:	Generic Number: '*additional calling party number*' Nature of Address Indicator: CP_NoAS_VALUE APRI: presentation allowed		
Comments:	**ISUP/BICC** IAM →	**MGCF** →	**SIP** INVITE

TP601013	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	PICS 4/18 AND PICS 4/25		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message, the **Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to **presentation restricted** and the **Generic Number is applicable** Sends an INVITE message with the '**P-Asserted-Identity header field**', where the 'addr-spec' is set to PAIh_Addr_SPEC_ID '**From header field**' where the 'addr-spec' is set to FHf_Addr_SPEC_ID and with 'Privacy Header field =id'.		
SIP Parameter values:	P-Asserted-Identity header field: Addr-spec: PAIh_Addr_SPEC_ID (**Derived from Calling Party Number parameter Address Signals**) Display-name: display-name is mapped from CgPN Address Signals From header field: Display-name (optional) and addr-spec Addr-spec: FHf_Addr_SPEC_ID **(Derived from Generic Number parameter Address Signals (AcgPN))** Display-name: Anonymous Privacy header: "id"		
ISUP Parameter values:	Generic Number: '*additional calling party number*' Nature of Address Indicator: CP_NoAS_VALUE APRI: presentation restricted		
Comments:	**ISUP/BICC** MGCF SIP IAM ➔ ➔ INVITE		

TP601014	SIP reference: RFC 3261 [5]		ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection criteria:	NOT PICS 4/18 AND PICS 4/25		
ISUP selection criteria:	-		
Test purpose:	Ensure that when the SUT has received an IAM message, the **Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to **presentation allowed** and the **Generic Number is applicable** Sends an INVITE message with the 'P-Asserted-Identity header field', where the 'addr-spec' is set to PAIh_Addr_SPEC_ID; 'From header field' where the 'addr-spec' is set to FHf_Addr_SPEC_ID and without 'Privacy Header field' or "id" is not included.		
SIP Parameter values:	P-Asserted-Identity header field: Addr-spec: PAIh_Addr_SPEC_ID (**Derived from Calling Party Number parameter Address Signals**) Display-name: display-name is mapped from CgPN Address Signals From header field: Display-name (optional) and addr-spec Addr-spec: FHf_Addr_SPEC_ID **(Derived from Generic Number parameter Address Signals (AcgPN))** Display-name: not supported Privacy header: is not included or if included, "id" is not included		
ISUP Parameter values:	Generic Number: '*additional calling party number*' Nature of Address Indicator: CP_NoAS_VALUE APRI: presentation allowed		
Comments:	**ISUP/BICC** MGCF SIP IAM ➔ ➔ INVITE		

TP601015	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/	
SIP selection criteria:	NOT PICS 4/18 AND PICS 4/25	
ISUP selection criteria:	-	
Test purpose:	Ensure that when the SUT has received an IAM message, the **Calling Party Number is applicable** whereby the Nature of Address Indicator is set to NoAS_VALUE the APRI is set to **presentation restricted** and the **Generic Number is applicable** Sends an INVITE message with the 'P-Asserted-Identity header field', where the 'addr-spec' is set to PAIh_Addr_SPEC_ID; 'From header field' where the 'addr-spec' is set to FHf_Addr_SPEC_ID and with 'Privacy Header field =id'.	
SIP Parameter values:	P-Asserted-Identity header field: Addr-spec: PAIh_Addr_SPEC_ID (**Derived from Calling Party Number parameter Address Signals**) Display-name: display-name is mapped from CgPN Address Signals From header field: Display-name (optional) and addr-spec Addr-spec: FHf_Addr_SPEC_ID **(Derived from Generic Number parameter Address Signals (AcgPN))** Display-name: not supported Privacy header: "id"	
ISUP Parameter values:	Generic Number: '*additional calling party number*' Nature of Address Indicator: CP_NoAS_VALUE APRI: presentation restricted	
Comments:	ISUP/BICC MGCF SIP IAM ➔ ➔ INVITE	

Table 26

Values for test purpose TP601008, TP601009, TP601012, TP601013, TP601014			
	ISUP Parameter values	**SIP Parameter values**	
VA_01	**IAM** NoAS_VALUE: '*national (significant) number*'(NDC+SN)	**INVITE** **FHf_Addr_SPEC_ID:** Add CC (of the country where the IWU is located) to **GenericNumber Signals** then map to user portion of URI scheme used	**INVITE** **PAIh_Addr_SPEC_ID:** Add CC (of the country where the IWU is located) to **CgPN Signals** then map to user portion of URI scheme used
VA_02	**IAM** NoAS_VALUE: '*international number*' ('+'CC+NDC+SN)	**INVITE** **FHf_Addr_SPEC_ID:** the complete **GenericNumber Address Signals** is mapped to the user portion of URI scheme.	**INVITE** **PAIh_Addr_SPEC_ID:** the complete **CgPN Signals** is mapped to the user portion of URI scheme used.

Values for test purpose TP601006, TP601007, TP601010, TP601011, TP601015		
	ISUP Parameter values	**SIP Parameter values**
VA_01	**IAM** NoAS_VALUE: '*national (significant) number*'(NDC+SN)	**INVITE** **PAIh_Addr_SPEC_ID:** Add CC (of the country where the IWU is located) to **CgPN Signals** then map to user portion of URI scheme used; **FHf_Addr_SPEC_ID:** Anonymous URI in the form **anonymous@anonymous.invalid**.
VA_02	**IAM** NoAS_VALUE: '*international number*' ('+'CC+NDC+SN)	**INVITE** **PAIh_Addr_SPEC_ID:** the complete CgPN Signals is mapped to the user portion of URI scheme, **FHf_Addr_SPEC_ID:** Anonymous URI in the form **anonymous@anonymous.invalid**.

6   Compliance

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

- consist of a set of test cases corresponding to the set or to a subset of the TPs specified in clause 5;

- use a TSS which is an appropriate subset of the whole of the TSS specified in clause 4;

- use the same naming conventions for the test groups and test cases;

- 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;

- comply with ISO/IEC 9646-2.

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.

Annex A (informative):
Bibliography

- ITU-T recommendation Q.1912.5: " Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control protocol or ISDN User Part".

- ITU-T Recommendation I.210: " Principles of telecommunication services supported by an ISDN and the means to describe them".

- ISO/IEC 9646-2: "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract Test Suite specification".

- ETSI EN 300 089: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Service description".

- ETSI EN 300 090: "Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Service description".

- IETF RFC 3325: "Private Extensions to the Session Initiation Protocol (SIP) for Asserted Identity within Trusted Networks".

- IETF RFC 3966: "The tel URI for Telephone Numbers".

History

Document history		
V1.1.1	July 2006	Publication