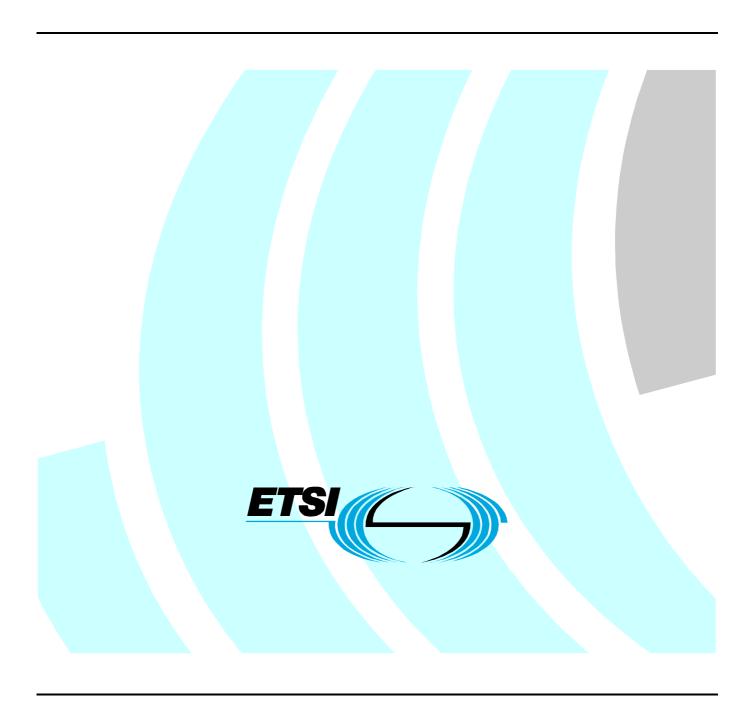
# ETSITS 186 006-2 V1.1.1 (2006-07)

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)



# Reference DTS/TISPAN-06020-2-NGN

Keywords testing, TSS&TP, OIP, OIR

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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 <a href="http://docbox.etsi.org/Reference">http://docbox.etsi.org/Reference</a>.

ttp://docoon.ots	Morg/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]) identifying 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

# 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	TP	OIP refe	rence	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_001	clause 4.	.4	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 co	mplete calling user i	dentity conta	ined in the P	-Preferred Identity header,
Ensure that the IUT in order to present a co sends an INVITE message containing a vali				
sends an INVITE message containing a vali		al number for		
sends an INVITE message containing a vali Comments:	d 'tel' URI in the loca	al number for	mat e.g. tel:	

TSS	TP	0	IP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_0	02 cl	ause 4.4	PICS 1/1
Test purpose:				
The originating UE sends a Tel URI in internation	nal number forma	at: global i	number	
Ensure that the IUT in order to present a comple	te calling user id	entity con	tained in the P-I	Preferred Identity header,
sends an INVITE message containing a valid 'tel	' URI in the interi	national n	umber format e.	g. tel: global number.
Comments:				
UA C	SUT		UA S	
INVITE →		<b>→</b>	INVITE	
100 Trying ←				

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_003	clause 4.4	PICS 1/1
Test purpose: The originating UE sends a Tel URI in local numbe			
Ensure that the IUT in order to present a complete sends an INVITE message containing a valid 'tel' Uprefix.	calling user identi	ty contained in the P-F	Preferred Identity header,
Comments:			
UA C	SUT	UA S	
		_	
INVITE →		NVITE	

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_004	clause 4.4	PICS 1/1
Test purpose:			
The originating UE sends a Tel URI in local nul	mber format: phone-co	ntext=domain name	
Ensure that the IUT in order to present a comp	lete calling user identit	y contained in the P-F	Preferred Identity header
sends an INVITE message containing a valid 't	el' URI in the format: to	el: local number ; pho	ne-context=domain name
e.g. tel: 4711; phone-context=example.com		·	
Comments:			
UA C	SUT	UA S	
INVITE →	-	NVITE	
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			
Ensure that the IUT in order to present a complete	e calling user identity	contained in the P-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_00	6	clause 4.4	PICS 1/1
Test purpose:				·
The originating UE sends a Tel URI in the locall	number format: is:	up=isdi	n sub address	
Ensure that the IUT in order to present a comple	ete calling user ide	ntity co	ntained in the P-F	Preferred Identity header,
sends an INVITE message containing a valid 'te	I' URI in the format	t tel: lo	cal number ; isub=	= ISDN Subadress
Comments:				
UA C	SUT		UA S	
INVITE →		<b>→</b>	INVITE	
100 Trying ←				
, ,				

TSS		TP		OIP reference	Selection expression
Originating_user/Calling_user/Syntax	Req	OIP_U01_00	7	clause 4.4	PICS 1/1
Test purpose:					
The originating UE sends a Tel URI i	n the local num	ber format: isu	o=isdr	n sub address, pho	one-context=particular phone
prefix					
Ensure that the IUT in order to prese	•	•	-		•
sends an INVITE message containing	g a valid 'tel' UF	RI in the format	tel: lo	cal number; isub=	ISDN Subadress ;
phone-context= particular phone pref	ix.				
Comments:					
UA C		SUT		UA S	
INVITE	<b>→</b>		<b>→</b>	INVITE	
100 Trying	<b>←</b>				

TSS	TP	OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U01_008	clause 4.4	PICS 1/1
Test purpose:	<u>.</u>		·
The originating UE sends a Tel URI in the loc	al number format: pho	ne context=domain na	ame, isub=isdn sub address
Ensure that the IUI in order to present a com	iplete calling user iden	ity contained in the <b>P</b> -	-Preferred Identity header.
sends an INVITE message containing a valid	'tel' URI in the format:		
sends an INVITE message containing a valid e.g. tel: 4711 isub= ISDN Subadress; phone-o	'tel' URI in the format:		
sends an INVITE message containing a valid e.g. tel: 4711 isub= ISDN Subadress; phone-oc Comments:	'tel' URI in the format:		
Ensure that the IUT in order to present a com sends an INVITE message containing a valid e.g. tel: 4711 isub= ISDN Subadress; phone-comments:  UA C INVITE	'tel' URI in the format: context=example.com	tel: local number ; ph	

TSS		TP		OIP reference	Selection expression
Originating_user/Calling_user/SyntaxR	eq	OIP_U01_0	09	clause 4.4	PICS 1/1
Test purpose:					
The originating UE sends a Tel URI in a	the From hea	ader in the loc	al numb	er format	
Ensure that the IUT in order to present	a complete	calling user ide	entity co	ntained in the <b>Fro</b>	om header field,
sends an INVITE message containing a	a valid 'tel' U	RI in the local	number	r format e.g. tel: lo	cal number
Comments:					
UA C		SUT		UA S	
INVITE	<b>→</b>		<b>→</b>	INVITE	
100 Trying	<b>←</b>				

TP	OIP reference	Selection expression
OIP_U01_010	clause 4.4	PICS 1/1
alling user identity co	ontained in the <b>Fron</b>	
I in the international	number format e.g.	tel: global number.
SUT	UA S	
<b>→</b>	INVITE	
	OIP_U01_010  der in the internation  alling user identity co	OIP_U01_010 clause 4.4  der in the international number format alling user identity contained in the Fron I in the international number format e.g.  SUT UAS

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 comple	•	-	
sends an INVITE message containing a valid 'te	l' URI in the format:	tel: local number; pho	one-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 hea	ader field; local nu	mber format, phone-o	context=domain name
Ensure that the IUT in order to present a complete of	alling user identit	y contained in the Fro	om header field,
sends an INVITE message containing a valid 'tel' UI	RI in the format: te	el: local number; phor	ne-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:	<u>.</u>		
The originating UE sends a Tel URI in the Fron	n header field: global ni	ımber format isub=i	sdn sub address
Ensure that the IUT in order to present a compl			
	lete calling user identity	contained in the Fro	om header field,
Ensure that the IUT in order to present a compl	lete calling user identity	contained in the Fro	om header field,
Ensure that the IUT in order to present a compl sends an INVITE message containing a valid 'to	lete calling user identity	contained in the Fro	om header field,
Ensure that the IUT in order to present a compl sends an INVITE message containing a valid 'to Comments:	lete calling user identity el' URI in the format: te	contained in the From the Contained in the Conta	om header field,

TSS	TP		OIP reference	Selection expression
Originating_user/Calling_user/SyntaxReq	OIP_U	01_014	clause 4.4	PICS 1/1
Test purpose:				
The originating UE sends a Tel URI in the				
Ensure that the IUT in order to present a	complete calling us	er identity c	ontained in the Fro	<b>om</b> header field,
sends an INVITE message containing a v	alid 'tel' URI in the	format: tel: I	ocal number; isub	= ISDN Subadress
Comments:				
UA C	SUT		UA S	ļ
INVITE	<b>→</b>	<b>→</b>	INVITE	
100 Trying	<b>←</b>			ļ

TSS (2.11)	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 r	number format, isub=is	sdn sub address,
phone-context=particular phone context			
Ensure that the IUT in order to present a comple	ete calling user ident	ity contained in the Fi	om header field.
sends an INVITE message containing a valid 'te			
phone-context= particular phone prefix.		ton rood mambor, loak	,— 10D11 Gabaa1000,
Comments:			
UA C	SUT	UA S	
		<i></i>	
		→ INI\/ITE	
INVITE →		→ INVITE	

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 I	header field ;local nur	nber format, isub=iso	dn sub address,
phone-context=domain name			
Ensure that the IUT in order to present a complete	te calling user identity	contained in the Fro	om header field,
Ensure that the IUT in order to present a comple sends an INVITE message containing a valid 'tel e.g. tel: 4711 isub= ISDN Subadress; phone-con	' URI in the format: tel		
	' URI in the format: tel		
sends an INVITE message containing a valid 'tel e.g. tel: 4711 isub= ISDN Subadress; phone-con	' URI in the format: tel		
sends an INVITE message containing a valid 'tel e.g. tel: 4711 isub= ISDN Subadress; phone-con Comments:	URI in the format: te text=example.com.	: local number; phor	

# 5.2.1.1.2 Actions at the originating user

TSS	TP	OIP reference	e Selection expression
Originating_user/Calling_user/OrigUser	OIP_U02_0	01 clause 4.5.2.1	1 PICS 1/1
Test purpose:			
Originating user sends a P-Preferred Identity w	ithout Privacy		
Ensure that the IUT in order to present a compl	lete calling user ide	entity contained in the	P-Preferred Identity Header
with which has been registered, but not indicati	ng the privacy with	a priv-value,	-
sends an INVITE message containing a valid 'te	el or 'SIP' URI defi	ned as USER_URI w	rithout a Privacy header
Preconditions: The user registers the public u	ser 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 w Ensure that the IUT in order to present a complete of with which has been registered and the user wishes sends an INVITE message containing a valid 'tel' or set to "none"	calling user identity c s override the default	ontained in the <b>P-Pref</b> e settings of 'presentation	erred Identity Header on restricted',
<b>Preconditions:</b> The user registers the public user in	dentity		
Comments:			
UA C	SUT	UA S	
INVITE →	<b>→</b>	INVITE	
100 Trying ←			

155	IIP	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 I	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 restric	ted":	
Comments:					
UA C		SUT		UA S	
INVITE	<b>→</b>		<b>→</b>	INVITE	
100 Trying	<b>←</b>				

### Table 2

	Values for test purposes OIP_U02_001 to OIP_U02_004			
	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			

#### 5.2.1.1.3 Actions at the destination user

TSS	TP	OIP reference	Selection expression			
Originating_user/Calling_user/DestUser	OIP_U03_0	01	PICS 1/2			
Test purpose:		<u>.</u>	·			
Terminating user receives a P-Asserted identity						
Ensure that the terminating UE, receiving a vali						
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	e Selection expression				
Originating_user/Calling_user/DestUser	OIP_U03_0	02	PICS 1/2				
Test purpose:							
Terminating user receives the From header as a	tel URI						
Ensure that the terminating UE, receiving a valid	d and compatible	INVITE message con	taining any in the From header				
defined USER_URI accepts the call following th	defined USER_URI accepts the call following the basic call procedures.						
Comments:							
UA C	SUT	UA S					
NVITE → INVITE							
100 Trying ←							
, ,							

	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 t	to 'anonymous'					
Ensure that the terminating UE, receiving a valid an	nd compatible INVITE	message without F	P-Asserted Identity			
Header and includes "anonymous" in the From he	eader. The convention	n for configuring a a	nonymous From header			
described in RFC 3323 [3] and ITU Q.1912.5 should be followed; i.e. From: "Anonymous"						
<pre><sip:anonymous@anonymous.invalid>;tag= xxxxxx</sip:anonymous@anonymous.invalid></pre>	<sip:anonymous@anonymous.invalid>;tag= xxxxxxx accepts the call following the basic call procedures.</sip:anonymous@anonymous.invalid>					
Comments:						
UA C	SUT	UA S				
INVITE ->	<b>→</b>	INVITE				
100 Trying ←						

# 5.2.2 Requirements on the originating network side

# 5.2.2.1 Actions at the originating P-CSCF

TSS	TP	OIP reference	Selection expression			
Originating_Netw/OrigP-CSCF	OIP_N01_001	clauses 4.3.2;	_			
		4.5.2.2				
Test purpose:						
The P-CSCF includes the P-Asserted Identity if the I	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	TP	OIP reference	Selection expression
Originating_Netw/OrigP-CSCF	OIP_N01_002	clauses 4.3.2;	-
		4522	

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 VA_5	tel: local number ; phone-context= domaniname			
	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_Netw/OrigP-CSCF	OIP_N01_003	clauses 4.3.2;	-
		4.5.2.2	

### 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	TP	OIP reference	Selection expression
Originating_Netw/OrigS-CSCF	OIP_N02_001	clauses 4.3.2;	PICS 1/9
3 3= 3		4.5.2.3	
Test purpose:	<u> </u>	•	<u> </u>
The S-CSCF add a second P-Asserted Ide	entity Header in the INVITE	Ξ	
Ensure that the IUT, receiving a valid and	compatible INVITE messa	ge with a SIP URI in the	he <b>P-Preferred</b> -Identity
header. In the case where the S-CSCF ha			
P-Asserted-Identity header received in the	9		
second P-Asserted-Identity header contain	•	Ü	
Preconditions: S-CSCF has knowledge of	of an associated tel-URI for	r a SIP URI	
Comments:			
UA C	SUT	UA S	
INVITE	→	→ INVITE	
100 Trying	<b>←</b>		
, 0			

# 5.2.2.3 Actions at the AS serving the originating user

TSS	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_001	clauses 4.3.2;	PICS 2/2
		4.5.2.4	
Test purpose:			
The AS includes a Privacy header field in perm	nanent mode		
Ensure that the IUT in order to present a compl	ete calling user identi	ity, but not indicating	the privacy with a
priv-value, transmits an INVITE message with t	he received P-Assert	ed-Identity header and	includes a Privacy "id".
Preconditions:			
The originating user has subscribed to the OIR	service in the perma	nent mode	
The another SIP based network is trusted netw	ork		
Comments:			
UA C	SUT	UA S	
INVITE ->		→ INVITE	
100 Trying ←			

TSS	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_002	clauses 4.3.2;	PICS 2/4
		4.5.2.4	
Test purpose:	·		
The AS includes a Privacy header field in t	temporary mode, restric	ted	
Ensure that the IUT in order to present a co	omplete calling user iden	tity, but not indicating	the privacy with a
priv-value, transmits an INVITE message v	with the received P-Asser	ted_Identity header and	d includes a Privacy "id"
p	vitil tile received i 7tooci	icu lucifility ficauci ani	u illuluues a Filvacy lu .
, ,	viii ilie received i 7.53er	ted-identity fleader and	u iliciuues a Filvacy iu .
Preconditions:		•	•
Preconditions: The originating user has subscribed to the	OIR service in the <b>tempo</b>	•	•
Preconditions: The originating user has subscribed to the The another SIP based network is trusted in	OIR service in the <b>tempo</b>	•	•
Preconditions: The originating user has subscribed to the The another SIP based network is trusted to Comments:	OIR service in the <b>tempo</b>	•	•
Preconditions: The originating user has subscribed to the The another SIP based network is trusted Comments: UA C	OIR service in the <b>tempo</b> network	orary mode with defaul	•

TSS	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_003	clauses 4.3.2;	PICS 2/2
		4.5.2.4	
Test purpose:	•		<b>.</b>
The AS does not add a privacy value if the	Privacy id was received is	n <b>permanent mode</b>	
Ensure that the IUT in order to present a co			
transmits an INVITE message with the rece	eived P-Asserted –Identity	header without <b>addin</b>	g a Privacy value. The
received Privacy value is sent.			
Preconditions:			
The originating user has subscribed to the 0	OIR service in the perma	nent mode	
The another SIP based network is trusted n	etwork		
	etwork		
The another SIP based network is trusted n Comments: UA C	etwork SUT	UA S	
Comments:	SUT	UA S → INVITE	

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, re	stricted
Ensure that the IUT in order to present a co			
transmits an INVITE message with the rece	eived P-Asserted –Identity	header without <b>addin</b>	<b>q</b> a Privacy value. The
	eived P-Asserted –Identity	header without <b>addin</b>	<b>g</b> a Privacy value. The
received Privacy value is sent.	eived P-Asserted –Identity	header without <b>addin</b>	<b>g</b> a Privacy value. The
received Privacy value is sent.  Preconditions:	·		-
received Privacy value is sent.  Preconditions: The originating user has subscribed to the	OIR service in the <b>tempor</b>		-
received Privacy value is sent.  Preconditions:  The originating user has subscribed to the  The another SIP based network is trusted r	OIR service in the <b>tempor</b>		-
received Privacy value is sent.  Preconditions: The originating user has subscribed to the The another SIP based network is trusted r  Comments:	OIR service in the <b>tempor</b>		-
transmits an INVITE message with the received Privacy value is sent.  Preconditions: The originating user has subscribed to the The another SIP based network is trusted romments: UA C INVITE	OIR service in the <b>tempor</b> a	ary mode with default	-

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	ed in <b>permanent mod</b>	e.
Ensure that the IUT in order to present a co			
"none", transmits an INVITE message with	the received P-Asserted Id	lentity header without	adding a Privacy value.
The received Privacy value is sent.		·	
Preconditions:			
The originating user has subscribed to the	OIR service in the permane	ent mode	
The another SIP based network is trusted	network		
Commonter			

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

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

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

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

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

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	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_010	clause 4.3.2	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	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_011	clause 4.3.2	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
 ←
 ★
 INVITE

TSS	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_012	clause 4.3.2	PICS 2/3 AND
			PICS 1/5

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	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_013	clause 4.3.2	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
 ←
 INVITE

TSS	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_014	clause 4.3.2 RFC 3323 [ <b>3</b> ]	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
 ←
 INVITE

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

TSS	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_015	clauses 4.3.2;	NOT PICS 2/6 AND
		4524	PICS 1/7

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	TP	OIP reference	Selection expression
Originating_Netw/AS_OrigUser	OIP_N03_016	clauses 4.3.2;	NOT PICS 2/6 AND
		4.5.2.4	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	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_001	clauses 4.3.2;	PICS 1/4
		4.5.2.4, 4.7.3	

#### 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;	PICS 1/4
		4524 473	

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

mm	

UA C	SUT		UA S
INVITE	<b>→</b>	<b>→</b>	INVITE
100 Trying	<b>←</b>		

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

## 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:

Comments.				
UA C		SUT		UA S
INVITE	<b>→</b>		<b>→</b>	INVITE
100 Trying	<b>←</b>			

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

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

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	<b>→</b>	<b>→</b>	INVITE
100 Trying	<b>←</b>		

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

#### 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:

Commonto.				
UA C		SUT		UA S
INVITE	<b>→</b>		<b>→</b>	INVITE
100 Trying	<b>←</b>			

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

#### 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	<b>→</b>		<b>→</b>	INVITE	
100 Trying	<b>←</b>				

TSS	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_008	clauses 4.3.2;	PICS 1/4
		4524 473	

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

<b>^</b> -				4	
Co	m	m	a	nt	e.

UA C	SUT		UA S
INVITE	<b>→</b>	<b>→</b>	INVITE
100 Trying	<b>←</b>		

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

## 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	<b>→</b>		<b>→</b>	INVITE	
100 Trying	<b>←</b>				

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

#### 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	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_011	clauses 4.3.2;	PICS 1/4
		4524 473	

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	<b>→</b>	<b>→</b>	INVITE
100 Trying	<b>←</b>		

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

#### 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:

Odininents.				
UA C		SUT		UA S
INVITE	→		<b>→</b>	INVITE
100 Trying	<b>←</b>			

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

#### 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	<b>→</b>	<b>→</b>	INVITE
100 Trying	<b>←</b>		

TSS	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_014	clauses 4.3.2;	PICS 1/4
		4524 473	

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

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

## 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

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

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	TP	OIP reference	Selection expression
Originating_Netw/NotTrusNetw	OIP_N04_023	clauses 4.3.2; 4.7.3	PICS 1/4
		RFC 3323 [3]	
Test nurnese:			

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:

**SUT** UA C **UAS** INVITE **→** INVITE 100 Trying

#### Table 8

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

#### 5.2.2.5 Actions at the AS serving the terminating UE

TSS		TP	О	IP reference	Selection expression
Originating_Netw/AS_TermUser		OIP_N05_001	С	lause 4.5.2.9	NOT PICS 2/1
Test purpose:					
The terminating user does not subscribe	the OIR ser	vice, no P-Asse	rted-lo	dentity is received	d.
Ensure that if a terminating user does no	ot subscribe t	o OIP service, a	an IUT	shall remove an	y P-Asserted-Identity or
Privacy header fields included in the req	uest.				
Preconditions: terminating user does n	ot subscribe	to OIP service			
Comments:					
UA C		SUT		UA S	
INVITE	<b>→</b>	•	→	INVITE	
100 Trying	<b>←</b>				

TSS	TP	OIP reference	Selection expression
Originating_Netw/AS_TermUser	OIP_N05_002	clause 4.5.2.9	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:

**UAC SUT UAS** 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:	Test purpose:					
Terminating user has the override category						
Ensure that the IUT, if the terminating user has ar	n override category,	sends the P-Asserted	-Identity headers and			
remove the Privacy header fields.						
<b>Preconditions:</b> 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 C	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 req		·	•
Comments:			
UA C	SUT	UA S	
INVITE →		→ INVITE	
IINVII E			

# 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	PICS 6/1 AND PICS 6/9				
criteria:					
Test purpose:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN has not been received</li> </ul>				
	<ul> <li>the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN has not been received and the</li> </ul>				
	a Privacy header field has not been received				
	sends an IAM message with the Calling party Address signals = default number Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN number Address Presentation Restricted Indication NoAS: NoA_VALUE	l pering plan			
SIP Parameter					
values:	-				
ISUP Parameter					
values:					
Comments:	SIP MG0				
	INVITE →	→ IAM			

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	PICS 6/1		
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 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 "none "		and the priv-value component is set to	
	sends an IAM message with the Calling party Address signals = default number Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numb Address Presentation Restricted Indica NoAS: NoA_VALUE	pering plan	
SIP Parameter values:	-		
ISUP Parameter	IAM: Calling Party number		
values:	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 <b>THEN</b> set to 'national (significant) number' <b>ELSE</b> set to 'international number'		
Comments:	SIP MGG INVITE →	F ISUP → IAM	

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	PICS 6/1		
criteria:			
Test purpose:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a URI with an identity in the format NDC+ SN has not been received</li> </ul>		
	<ul> <li>the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN has not been received and the</li> </ul>		
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		and the priv-value component is set to	
		l pering plan	
SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	SIP MG€ INVITE →	CF 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:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN has not been received</li> </ul>		
	<ul> <li>the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN has not been received and the</li> </ul>		
	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 MG	CF 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	PICS 6/1	
criteria:		
Test purpose:	Fest 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 NDC+ SN has not been received	
<ul> <li>the SIP From header field containing a URI with an identity in the form NDC+ SN has not been received and the</li> <li>a Privacy header field was received and the priv-value component is "id"</li> </ul>		
		and the priv-value component is set to
	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 MGC	CF ISUP
	INVITE ->	→ 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	PICS 6/1 AND PICS 6/3 AND PICS 6/9			
criteria:				
Test purpose:	the SIP P-Asserted-Identity containing     NDC+ SN has not been received	ot of a INVITE message where g a URI with an identity in the format '+' CC+		
	<ul> <li>the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN has been received and the</li> </ul>			
	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	IAM: Calling Party number			
values:	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 <b>THEN</b> set to 'national (significant) number' <b>ELSE</b> set to 'international number'			
Comments:	SIP MG0	CF ISUP		
	INVITE →	→ IAM		

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	PICS 6/1 AND PICS 6/3		
criteria:			
Test purpose:	the SIP P-Asserted-Identity containing     NDC+ SN has not been received	pt of a INVITE message where  ng a URI with an identity in the format '+' CC+	
	<ul> <li>the SIP From header field containing NDC+ SN has been received and the</li> </ul>	a URI with an identity in the format '+' CC+ ne	
	<ul> <li>a Privacy header field was received and the priv-value component is set to "none"</li> </ul>		
	Address signals = default number Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN number	Screening indicator = network provided  Number Incomplete Indicator = PIXIT  Numbering plan indicator = ISDN numbering plan  Address Presentation Restricted Indicator = Presentation allowed	
with the <b>Generic number parameter</b> 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		ot verified te pering plan	
SIP Parameter			
values:	•		
ISUP Parameter	_		
values:			
Comments:	SIP MG€ INVITE →	CF ISUP → IAM	

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:		
<i>(</i>		7.2.3.1.2.6/ [7]		
TSS reference:	SIP-ISUP/SS/CLI/	S/CLI/		
SIP selection criteria:	-	-		
ISUP selection	PICS 6/1 AND PICS 6/3	1 AND DICS 6/3		
criteria:	1 100 0,17 (100 0,0	7110 1 100 0/0		
Test purpose:	NDC+ SN has not been received	g a URI with an identity in the format '+' CC+ a URI with an identity in the format '+' CC+		
		and the priv-value component is set to		
	Address signals = default number Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN number	ng indicator = network provided r Incomplete Indicator = PIXIT ring plan indicator = ISDN numbering plan s Presentation Restricted Indicator = Presentation restricted		
	with the <b>Generic number parameter</b> coded Address signals = number provided by Screening indicator = user provided, no Number Incomplete Indicator = comple Numbering plan indicator = ISDN numbers Address Presentation Restricted Indicator NoAS: NoA_VALUE	ot verified te pering plan		
SIP Parameter				
values:	-			
ISUP Parameter	IAM: Calling Party number			
values:	BICC/ISUP node is located in the same counti ELSE set to 'international number'	C is equal to the country code of the country where I-IWU is located AND the next C/ISUP node is located in the same country <b>THEN</b> set to 'national (significant) number' <b>E</b> set to 'international number'		
Comments:	SIP MG0 INVITE →	F ISUP → IAM		

	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/	7.2.3.1.2.0/ [7]		
SIP selection	011 1001 700/021/			
criteria:	-			
ISUP selection	PICS 6/1 AND PICS 6/3			
criteria:				
Test purpose:	the SIP P-Asserted-Identity containing a URI SN has not been received the SIP From header field containing a URI with has been received and the	om header field containing a URI with an identity in the format '+' CC+ NDC+ SN		
	Address signals = default number Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numb	creening indicator = network provided umber Incomplete Indicator = PIXIT umbering plan indicator = ISDN numbering plan ddress Presentation Restricted Indicator = Presentation restricted		
	Screening indicator = user provided, no Number Incomplete Indicator = comple Numbering plan indicator = ISDN numb	ess signals = number provided by the user ening indicator = user provided, not verified per Incomplete Indicator = complete pering plan indicator = ISDN numbering plan ess Presentation Restricted Indicator = Presentation restricted		
SIP Parameter				
values:	•			
ISUP Parameter values:	AM: Calling Party number F 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 <b>THEN</b> set to 'national (significant) number' ELSE set to 'international number'			
Comments:	SIP MGC INVITE →	F ISUP → IAM		

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

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 '+' NDC+ SN has not been received  • the SIP From header field containing a URI with an identity in the format '+' 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 = 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:  IAM: Calling Party number  IF CC is equal to the country code of the country where I-IWU is located AND the nex BICC/ISUP node is located in the same country THEN set to 'national (significant) nur ELSE set to 'international number'  SIP MGCF ISUP	TP5011010	SIP reference: RFC 3261 [5]	ISUP reference:		
SIP selection criteria:			7.2.3.1.2.6/ [7]		
Criteria:   ISUP selection   Criteria:   ISUP selection   Criteria:   Comments:   Commen		SIP-ISUP/SS/CLI/	UP/SS/CLI/		
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 '+' NDC+ SN has not been received  the SIP From header field containing a URI with an identity in the format '+' 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 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 Address Presentation Restricted Indicator = Presentation restricted NoAS: NoA_VALUE  SIP Parameter values:  ISUP 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) nur ELSE set to 'international number'  SIP MGCF ISUP		_			
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 '+' NDC+ SN has not been received  • the SIP From header field containing a URI with an identity in the format '+' 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 nexe BICC/ISUP node is located in the same country THEN set to 'national (significant) nur ELSE set to 'international number'  Comments:  SIP MGCF ISUP	***************************************	7100 011 1117 7100 010			
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 '+' NDC+ SN has not been received  • the SIP From header field containing a URI with an identity in the format '+' 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 nex BICC/ISUP node is located in the same country THEN set to 'inational (significant) nur ELSE set to 'international number'  Comments:  SIP MGCF ISUP		PICS 6/1 AND PICS 6/3			
the SIP P-Asserted-Identity containing a URI with an identity in the format '+' NDC+ SN has not been received     the SIP From header field containing a URI with an identity in the format '+' ONDC+ 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) nur ELSE set to 'international number'  Comments:  SIP MGCF ISUP		Engure that the CLIT is the Idle state, on reasi	nt of a INIVITE magazine where		
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:  IAM: Calling Party number IF CC is equal to the country code of the country where I-IWU is located AND the nex BICC/ISUP node is located in the same country THEN set to 'national (significant) nur ELSE set to 'international number'  Comments:  SIP MGCF ISUP	rest purpose.	the SIP P-Asserted-Identity containing			
"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:  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) nur ELSE set to 'international number'  Comments:  SIP MGCF ISUP		<ul> <li>the SIP From header field containing NDC+ SN has been received and the</li> </ul>	a URI with an identity in the format '+' CC+		
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:  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) nur ELSE set to 'international number'  Comments:  SIP MGCF ISUP			and the priv-value component is set to		
SIP Parameter values:  ISUP Parameter values:  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) nur ELSE set to 'international number'  Comments:  SIP MGCF ISUP		Address signals = default number Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN number Address Presentation Restricted Indicator NoAS: NoA_VALUE with the <b>Generic number parameter</b> coded Address signals = number provided by Screening indicator = user provided, not Number Incomplete Indicator = complete Numbering plan indicator = ISDN number Address Presentation Restricted Indicator	signals = default number  ng indicator = network provided Incomplete Indicator = PIXIT  ing plan indicator = ISDN numbering plan Presentation Restricted Indicator = Presentation restricted IoA_VALUE  c number parameter coded signals = number provided by the user ng indicator = user provided, not verified Incomplete Indicator = complete ing plan indicator = ISDN numbering plan Presentation Restricted Indicator = Presentation restricted		
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) nur  ELSE set to 'international number'  Comments:  SIP  MGCF  ISUP		-			
values:  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) nur ELSE set to 'international number'  Comments:  SIP  MGCF  ISUP		IAM: Calling Party number			
		IF CC is equal to the country code of the coun BICC/ISUP node is located in the same count	C is equal to the country code of the country where I-IWU is located AND the next C/ISUP node is located in the same country <b>THEN</b> set to 'national (significant) number'		
THE TOTAL TO	Comments:		CF ISUP → IAM		

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:	<ul> <li>Ensure that the SUT in the Idle state, on received</li> <li>the SIP P-Asserted-Identity containing</li> <li>NDC+ SN has been received</li> </ul>	pt of a INVITE message where ng a URI with an identity in the format '+' CC+	
	<ul> <li>the SIP From header field containing NDC+ SN has not been received a</li> </ul>	a URI with an identity in the format '+' CC+ nd the	
	a Privacy header field has not been received		
	Address signals = number derived from Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering pla	per Incomplete Indicator = PIXIT pering plan indicator = ISDN numbering plan ess Presentation Restricted Indicator = Presentation allowed	
SIP Parameter values:	-		
ISUP Parameter	IAM: Calling Party number		
values:	IF CC is equal to the country code of the cour BICC/ISUP node is located in the same count ELSE set to 'international number'		
Comments:	SIP MG•	CF ISUP → IAM	

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-ISUP/SS/CLI/	
SIP selection			
criteria:	_		
ISUP selection			
criteria:	-		
Test purpose:	<ul> <li>the SIP P-Asserted-Identity containin NDC+ SN has been received</li> <li>the SIP From header field containing</li> </ul>	at 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	
	"none " sends an <b>IAM</b> message with the <b>Calling party</b>	M message with the Calling party number parameter coded ess signals = number derived from SIP P-Asserted-Identity	
	Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering	r Incomplete Indicator = PIXIT ring plan indicator = ISDN numbering plan s Presentation Restricted Indicator = Presentation allowed	
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 MG€ INVITE →	F ISUP → IAM	

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:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN has been received</li> </ul>			
		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"			
	Address signals = number derived from Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numbering pla	ds 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 MG0	CF 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:		and the recorded factority containing a tria war arriationally in the format .	
	the SIP From header field containing NDC+ SN has not been received a	g a URI with an identity in the format '+' CC+ nd 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		
	Screening indicator = network provided	d ·	
	Number Incomplete Indicator = PIXIT		
	Numbering plan indicator = ISDN numl		
oin n	Address Presentation Restricted Indica	ator = Presentation restricted	
SIP Parameter	_		
values:			
ISUP Parameter	-		
values:	loin		
Comments:	SIP MG		
	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:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN has been received</li> </ul>		
	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 Address signals = number derived from Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numb Address Presentation Restricted Indicator	n SIP P-Asserted-Identity I Dering plan	
SIP Parameter values:	-		
ISUP Parameter values:	-		
Comments:	SIP MG( INVITE →	CF 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:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CONDC+ SN has been received</li> </ul>			
	<ul> <li>the SIP From header field containing NDC+ SN has been received and the</li> </ul>	<ul> <li>the SIP From header field containing a URI with an identity in the format '+' CC+ NDC+ SN has been received and the</li> </ul>		
	<ul> <li>a Privacy header field has not been r</li> </ul>	eceived		
	sends an IAM message with the Calling party Address signals = number derived from Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN numb Address Presentation Restricted Indica NoAS: NoA_VALUE with the Generic number parameter coded Address signals = number provided by Screening indicator = user provided, no Number Incomplete Indicator = comple Numbering plan indicator = ISDN numb Address Presentation Restricted Indica NoAS: NoA_VALUE	ering plan tor = Presentation allowed the user of verified te pering plan		
SIP Parameter				
values:	-			
ISUP Parameter	IAM: Calling Party number			
values:	IF CC is equal to the country code of the country BICC/ISUP node is located in the same countre ELSE set to 'international number'			
Comments:	SIP MGC INVITE →	F ISUP → IAM		

Values for test purposes TP5011016			
	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

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:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN has been received</li> <li>the SIP From header field containing a URI with an identity in the format '+' CC+</li> </ul>		
	<ul> <li>NDC+ SN has been received and the a Privacy header field was received a "none"</li> </ul>	e and the priv-value component is set to	
	sends an IAM message with the Calling party Address signals = number derived from Screening indicator = network provided Number Incomplete Indicator = PIXIT Numbering plan indicator = ISDN number Address Presentation Restricted Indicator NoAS: NoA_VALUE	n SIP P-Asserted-Identity pering plan	
	with the <b>Generic number parameter</b> coded Address signals = number provided by Screening indicator = user provided, no Number Incomplete Indicator = comple Numbering plan indicator = ISDN numbers Address Presentation Restricted Indicator NoAS: NoA_VALUE	ot verified te pering plan	
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 MG€	F ISUP → IAM	

Table 19

Values for test purposes TP5011017			
	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

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	PICS 6/3		
criteria:			
Test purpose:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN has been received</li> </ul>		
	<ul> <li>the SIP From header field containing NDC+ SN has been received and the</li> </ul>	a URI with an identity in the format '+' CC+ ne	
	<ul> <li>a Privacy header field was received a "header"</li> </ul>	and the priv-value component is set to	
	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 <b>Generic number parameter</b> coded Address signals = number provided by Screening indicator = user provided, no Number Incomplete Indicator = comple Numbering plan indicator = ISDN numbers Address Presentation Restricted Indicator NoAS: NoA_VALUE	ot verified te pering plan	
SIP Parameter	_		
values:			
ISUP Parameter	IAM: Calling Party number		
values:	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 <b>THEN</b> set to 'national (significant) number' <b>ELSE</b> set to 'international number'		
Comments:	SIP MG0	CF ISUP	
	INVITE →	→ IAM	

	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:	
T00 (		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+		
	<ul> <li>NDC+ SN has been received and the</li> <li>a Privacy header field was received a "user"</li> </ul>	e and the priv-value component is set to	
	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 <b>Generic number parameter</b> coded Address signals = number provided by Screening indicator = user provided, no Number Incomplete Indicator = comple Numbering plan indicator = ISDN numbers Address Presentation Restricted Indicator NoAS: NoA_VALUE	ot verified te pering plan	
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 MG€ INVITE →	F ISUP → IAM	

	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	PICS 6/3		
criteria:			
Test purpose:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN has been received</li> </ul>		
	the SIP From header field containing NDC+ SN has been received and the state of the size of the s	a URI with an identity in the format '+' CC+ ne	
	a Privacy header field was received a "id"	and the priv-value component is set to	
	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 <b>Generic number parameter</b> coded Address signals = number provided by Screening indicator = user provided, no Number Incomplete Indicator = comple Numbering plan indicator = ISDN numbers Address Presentation Restricted Indicator NoAS: NoA_VALUE	ot verified te pering plan	
SIP Parameter	_		
values:			
ISUP Parameter	IAM: Calling Party number		
values:	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 <b>THEN</b> set to 'national (significant) number' <b>ELSE</b> set to 'international number'		
Comments:	SIP MG0	CF ISUP	
	INVITE →	→ IAM	

	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	PICS 6/1 AND PICS 6/11		
criteria:			
Test purpose:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN has not been received</li> </ul>		
	the SIP From header field containing NDC+ SN has not been received an	a URI with an identity in the format '+' CC+ d 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 MG€ INVITE →	F 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:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a SIP URI with an identity 1 in the format</li> <li>'+' CC+ NDC+ SN has been received without user = phone</li> </ul>		
	the SIP <b>P-Asserted-Identity</b> containing a Tel URI with an identity 2 in the format '+' CC+ NDC+ SN has been received		
	a Privacy header field has not been re	eceived	
	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 MGC INVITE →	F 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	PICS 1/9 AND PICS 6/1 AND PICS 6/12		
criteria:			
Test purpose:	<ul> <li>Ensure that the SUT in the Idle state, on receipt of a INVITE message where</li> <li>the SIP P-Asserted-Identity containing a URI with an identity in the format '+' CC+ NDC+ SN has not been received</li> </ul>		
	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 MG0	CF ISUP	
	INVITE →	→ 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 I	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 th		
	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		
SIP Parameter			
values:			
ISUP Parameter values:			
Comments:	SIP MG	CF ISUP → IAM	

Table 23

	Values for test purposes TP5011022, TP5011023, TP5011024			
	Nature of asddress indicator	SIP Parameter values	ISUP Parameter value Address Format	
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:	Addr-spec: Addr_SPEC_ID	om header field: Display-name (optional) and addr-spec Addr-spec: Addr_SPEC_ID Display-name: display-name is derived from the Generic number (AcgPN)	

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

TP61003	SIP reference: RFC 3261 [5]	ISUP reference:	
		7.2.3.2.2.3/ [7]	
TSS reference:	ISUP-SIP/SS/CLI/		
SIP selection	NOT PICS 4/18		
criteria:			
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	Generic Number: 'additional calling party number'		
values:	Nature of Address Indicator: NoAS_VALUE		
Comments:	ISUP/BICC MGC	F SIP	
	IAM →	→ INVITE	

	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	PICS 4/18 AND PICS 4/25	
criteria:		
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-Asser 'addr-spec' is set to PAIh_Addr_SPEC_ID,	·
	a 'From header field' where the 'addr-spec' is without 'Privacy Header field' or "id" is not inc	
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	
ISUP Parameter	Privacy header: is not included or if included, "id" is not included	
values:		-
Comments:	ISUP/BICC MGC	F 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	
SIP Parameter values:	without 'Privacy Header field' or "id" is not supported.  P-Asserted-Identity header field:    Addr-spec: PAlh_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	
ISUP Parameter values:	Privacy header: is not included or if included,	-
Comments:	ISUP/BICC MGC	F SIP → INVITE

	Values for test purpose TP601004, TP601005		
	ISUP Parameter values	SIP Parameter values	
VA_01	IAM	INVITE	
_	NoAS_VALUE: 'national (significant)	PAIh_Addr_SPEC_ID = FHf_Addr_SPEC_ID: Add CC	
	number'(NDC+SN)	(of the country where the IWU is located) to CgPN	
	, , ,	Signals then map to user portion of URI scheme used	
VA_02	IAM	INVITE	
	NoAS_VALUE: 'international number'	PAIh_Addr_SPEC_ID= FHf_Addr_SPEC_ID: the	
	('+'CC+NDC+SN)	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	PICS 4/18 AND PICS 4/25	
criteria:		
ISUP selection		
criteria:		
Test purpose:	Ensure that when the SUT has received an Inapplicable whereby the Nature of Address Inset to presentation restricted and the <b>Generic</b> Sends an INVITE message with the 'P-Asser 'addr-spec' is set to PAIh_Addr_SPEC_ID, a set to FHf_Addr_SPEC_ID and with 'Privacy	ndicator is set to NoAS_VALUE the APRI is c Number is not applicable ted-Identity header field' where the 'From header field' where the 'addr-spec' is
SIP Parameter	P-Asserted-Identity header field:	
values:	Addr-spec: PAİh_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.inv	alid
	Display-name: Anonymous	
	Privacy header: "id"	
ISUP Parameter values:		-
Comments:	ISUP/BICC MGC	-
	IAM →	→ INVITE

TP601007	SIP reference: RFC 3261 [5]	ISUP reference:
		7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/	
SIP selection	NOT PICS 4/18 AND PICS 4/25	
criteria:		
ISUP selection		
criteria:		
Test purpose:	Ensure that when the SUT has received an Inapplicable whereby the Nature of Address Inset to presentation restricted and the Generic Sends an INVITE message with the 'P-Asser 'addr-spec' is set to PAIh_Addr_SPEC_ID, a set to FHf_Addr_SPEC_ID and with 'Privacy	ndicator is set to NoAS_VALUE the APRI is c Number is not applicable  ted-Identity header field' where the 'From header field' where the 'addr-spec' is
SIP Parameter		riedder field:
values:	P-Asserted-Identity header field:     Addr-spec: PAlh_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:	ISUP/BICC MGC	F SIP
Comments:	ISUP/BICC MGC	→ INVITE

TSS reference: SIP selection criteria: ISUP selection criteria:	ISUP-SIP/SS/CLI/ PICS 4/18 AND NOT PICS 4/25		7.2.3.2.2.3/ [7]
SIP selection criteria: ISUP selection			
criteria: ISUP selection	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		
SIP Parameter	to FHf_Addr_SPEC_ID and without 'Priva	cy neader lield of	id is not included.
values:	P-Asserted-Identity header field:     Addr-spec: PAlh_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		
ISUP Parameter	Privacy header: is not included or if included, "id" is not included  Generic Number: 'additional calling party number'		
values:	Nature of Address Indicator: CP_NoAS_VALUE  APRI: presentation allowed		
Comments:		GCF	SIP
	IAM →	<b>→</b>	INVITE

TP601009	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/	
SIP selection	NOT PICS 4/18 AND NOT PICS 4/25	
criteria:		
ISUP selection		
criteria:	•	•
Test purpose:	Ensure that when the SUT has received an I/applicable whereby the Nature of Address Ir set to presentation allowed and the <b>Generic</b> Sends an INVITE message with the 'P-Asser 'addr-spec' is set to PAIh_Addr_SPEC_ID 'Fr to FHf_Addr_SPEC_ID and without 'Privacy I	Idicator is set to NoAS_VALUE the APRI is Number is applicable ted-Identity header field', where the om header field' where the 'addr-spec' is set
SIP Parameter		reader field of id is flot included.
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	Generic Number: 'additional calling party nun	nber'
values:	Nature of Address Indicator: CP_NoAS_VAL APRI: presentation restricted	
Comments:	ISUP/BICC MGC	F 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 Lapplicable whereby the Nature of Address In set to presentation restricted and the <b>Generi</b> Sends an INVITE message with the 'P-Asser 'addr-spec' is set to PAIh_Addr_SPEC_ID 'From the FHf_Addr_SPEC_ID and with 'Privacy Heat	ndicator is set to NoAS_VALUE the APRI is c Number is applicable ted-Identity header field', where the rom header field where the 'addr-spec' is set
SIP Parameter values:	P-Asserted-Identity header field: Addr-spec: PAlh_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 nur Nature of Address Indicator: NoAS_VALUE APRI: presentation restricted	mber'
Comments:	ISUP/BICC MGC	F 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	NOT PICS 4/18 AND NOTPICS 4/25	
criteria:		
ISUP selection		
criteria:		-
Test purpose:		ndicator is set to NoAS_VALUE the APRI is c Number is applicable rted-Identity header field', where the rom header field where the 'addr-spec' is set
OID D	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	Generic Number: 'additional calling party nur	mhar'
values:	Nature of Address Indicator: NoAS_VALUE  APRI: presentation restricted	
Comments:	ISUP/BICC MGC	F SIP
	IAM →	→ INVITE

TP601012	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/	
SIP selection	PICS 4/18 AND PICS 4/25	
criteria:		
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-Asser 'addr-spec' is set to PAIh_Addr_SPEC_ID 'Fr to FHf_Addr_SPEC_ID and without 'Privacy I	om header field' where the 'addr-spec' is set
SIP Parameter values:	P-Asserted-Identity header field: Addr-spec: PAlh_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	Generic Number: 'additional calling party number'	
values:	Nature of Address Indicator: CP_NoAS_VALUE APRI: presentation allowed	
Comments:	ISUP/BICC MGC	F SIP
	IAM →	→ INVITE

TP601013	SIP reference: RFC 3261 [5]	ISUP reference: 7.2.3.2.2.3/ [7]
TSS reference:	ISUP-SIP/SS/CLI/	
SIP selection	PICS 4/18 AND PICS 4/25	
criteria:		
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	
OID D	set to FHf_Addr_SPEC_ID and with 'Privacy	Header field =Id'.
SIP Parameter values:	P-Asserted-Identity header field: Addr-spec: PAlh_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	Generic Number: 'additional calling party number'	
values:	Nature of Address Indicator: CP_NoAS_VALUE APRI: presentation restricted	
Comments:	ISUP/BICC MGC	F 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	NOT PICS 4/18 AND PICS 4/25	
criteria:		
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-Asser' 'addr-spec' is set to PAIh_Addr_SPEC_ID; 'F to FHf_Addr_SPEC_ID and without 'Privacy I	rom header field' where the 'addr-spec' is set
SIP Parameter	P-Asserted-Identity header field:	
values:	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 (antional) and addr spec	
	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	
	Biopiay name. Het suppertou	
	Privacy header: is not included or if included,	"id" is not included
ISUP Parameter	Generic Number: 'additional calling party number'	
values:	Nature of Address Indicator: CP_NoAS_VALI	JE
	APRI: presentation allowed	
Comments:	ISUP/BICC MGC	-
	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	NOT PICS 4/18 AND PICS 4/25	
criteria:		
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	
SIP Parameter	to FHf_Addr_SPEC_ID and with 'Privacy Header field =id'.	
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 MGC	F SIP
	IAM →	→ INVITE

	Values for test purpose TP601008, TP601009, TP601012, TP601013, TP601014				
	ISUP Parameter values	SIP Parameter values			
VA_01	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	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	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	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		