



SLOVENSKI STANDARD
SIST EN 301 933-3 V1.1.1:2005

01-januar-2005

Inteligentno omrežje (IN) – Tretji nabor zmožnosti inteligentnega omrežja (CS3) – Aplikacijski protokol inteligentnega omrežja (INAP) – Zgradba preskušalnega niza in namen preskušanja (TSS&TP) – Specifikacija za funkcijo komutacije storitev (SSF) – 3. del: Funkcija posebnih virov (SFR)

Intelligent Network (IN); Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Test Suite Structure and Test Purposes (TSS&TP) specification for Service Switching Function (SSF); Part 3: Specialized Resource Function (SRF)

ITeH STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 301 933-3 V1.1.1:2005](https://standards.iteh.ai/catalog/standards/sist/0abf4a4e-4369-4a06-bbd9-e9edc1db97f0/sist-en-301-933-3-v1-1-1-2005)

<https://standards.iteh.ai/catalog/standards/sist/0abf4a4e-4369-4a06-bbd9-e9edc1db97f0/sist-en-301-933-3-v1-1-1-2005>

Ta slovenski standard je istoveten z: EN 301 933-3 Version 1.1.1

ICS:

33.040.35 Telefonska omrežja Telephone networks

SIST EN 301 933-3 V1.1.1:2005 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 301 933-3 V1.1.1:2005

<https://standards.iteh.ai/catalog/standards/sist/0abf4a4e-4369-4a06-bbd9-e9edc1db97f0/sist-en-301-933-3-v1-1-1-2005>

ETSI EN 301 933-3 V1.1.1 (2003-01)

European Standard (Telecommunications series)

**Intelligent Network (IN);
Intelligent Network Capability Set 3 (CS3);
Intelligent Network Application Protocol (INAP);
Test Suite Structure and Test Purposes (TSS&TP)
specification for Service Switching Function (SSF);
Part 3: Specialized Resource Function (SRF)**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 301 933-3 V1.1.1:2005](https://standards.iteh.ai/catalog/standards/sist/0abf4a4e-4369-4a06-bbd9-e9edc1db97f0/sist-en-301-933-3-v1-1-1-2005)

<https://standards.iteh.ai/catalog/standards/sist/0abf4a4e-4369-4a06-bbd9-e9edc1db97f0/sist-en-301-933-3-v1-1-1-2005>



Reference

DEN/SPAN-120063-3-3

Keywords

IN, CS3, INAP, TSS&TP, SSF, CTM

ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 301 933-3 V1.1.1:2005

<https://standards.iteh.ai/catalog/standards/sist/0abf4a4e-4369-4a06-bbd9-e9edc1db9744/sist-301-933-3-v1-1-1-2005>

Important notice

Individual copies of the present document can be downloaded from:

<http://www.etsi.org>

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at

<http://portal.etsi.org/tb/status/status.asp>

If you find errors in the present document, send your comment to:

editor@etsi.org

Copyright Notification

No part may be reproduced except as authorized by written permission.
The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2003.
All rights reserved.

DECT™, **PLUGTESTS™** and **UMTS™** are Trade Marks of ETSI registered for the benefit of its Members.
TIPHON™ and the **TIPHON logo** are Trade Marks currently being registered by ETSI for the benefit of its Members.
3GPP™ is a Trade Mark of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners.

Contents

Intellectual Property Rights	5
Foreword.....	5
1 Scope	6
2 References	6
3 Definitions and abbreviations.....	7
3.1 Definitions	7
3.2 Abbreviations	7
4 Test Purpose generalities.....	8
4.1 Introduction	8
4.2 Grouping of Test purposes	8
4.3 Source of Test purpose definitions	8
4.4 Method used for developing Test purposes.....	8
4.5 Method used for Test purpose description	9
4.5.1 Void	9
4.5.2 Test categories	9
4.5.3 Test purpose naming convention	10
4.5.4 Preambles and their naming conventions.....	10
4.6 Test purpose parametrization and selection.....	11
5 Test configurations.....	17
6 Test purposes for SRF functions.....	19
6.1 SRF-related procedures	19
6.1.1 List of procedures	19
6.1.2 Definitions of the procedures.....	20
6.2 Structure of the test purposes.....	22
6.3 Notations	23
6.4 Preambles and postambles for SRF.....	26
6.4.1 Preambles used for SRF function testing.....	26
6.4.1.1 PRE_WFI preamble	26
6.4.1.2 PRE_S2P_MON preamble.....	26
6.4.1.3 PRE_S1P_1P_MON preamble.....	27
6.4.1.4 PRE_1P_MON preamble	27
6.4.1.5 PRE_S1P_1P_WFI preamble.....	27
6.4.1.6 PRE_1P_WFI preamble	27
6.4.1.7 PRE_OS_ASSIST preamble	28
6.4.1.8 PRE_OS_HANDED_OFF preamble	28
6.4.1.9 PRE_UI_S2P_MON preamble.....	28
6.4.1.10 PRE_UI_S1P_1P_MON preamble	28
6.4.1.11 PRE_UI_1P_MON preamble.....	28
6.4.1.12 PRE_UI_1P_WFI preamble.....	29
6.4.1.13 PRE_UI_CTR_PA preamble.....	29
6.4.1.14 PRE_UI_CTR_PR_S2P preamble	30
6.4.1.15 PRE_UI_CTR_PR_S1P_1P preamble	30
6.4.1.16 PRE_UI_CTR_PR_1P preamble.....	30
6.4.1.17 PRE_UI_CTR_UT_S2P preamble.....	30
6.4.1.18 PRE_UI_CTR_UT_S1P_1P preamble.....	30
6.4.1.19 PRE_UI_CTR_UT_1P preamble	31
6.4.2 Postambles used for SRF function testing	31
6.4.2.1 ReleaseA	31
6.4.2.2 ReleaseAB.....	31
6.4.2.3 ReleaseAC.....	31
6.4.2.4 ReleaseABC	32
6.4.2.5 ReleaseABCD	32
6.4.2.6 DisconnectForwardReleaseA	32

6.4.2.7	DisconnectForwardReleaseAB	32
6.4.2.8	DisconnectForwardReleaseAC	32
6.4.2.9	DisconnectForwardReleaseABC	33
6.4.2.10	ScriptCloseDisconnectForwardReleaseA()	33
6.4.2.11	ScriptCloseDisconnectForwardReleaseAB()	33
6.4.2.12	DisconnectFWAReleaseA()	33
6.4.2.13	DisconnectFWAReleaseAB()	33
6.4.2.14	DisconnectFWAReleaseAB2()	34
6.4.2.15	DisconnectFWAReleaseAC()	34
6.4.2.16	DisconnectFWAReleaseABC()	34
6.4.2.17	DisconnectFWAReleaseABCD()	34
6.5	Test purposes for the relay method	34
6.5.1	AssistRequestInstructions procedure	35
6.5.2	ConnectToResource (CR) procedure	36
6.5.3	DisconnectForwardConnection procedures	44
6.5.3.1	DisconnectForwardConnection (DF) procedure (without argument)	44
6.5.3.2	DisconnectForwardConnectionWithArgument (DW) procedure	45
6.5.4	Play Announcement (PA) procedure	47
6.5.5	PromptAndCollectUserInformation (PC) procedure	51
6.5.6	PromptAndReceiveMessage (PR) procedure	55
6.5.7	Scripts	58
6.5.7.1	ScriptRun	58
6.5.7.2	ScriptClose	61
6.5.7.3	ScriptEvent	63
6.5.7.4	ScriptInformation	64
6.5.8	User-service information (USI) procedures	67
6.5.8.1	RequestReportUTSI procedure	67
6.6.8.2	SendSTUI procedure	69
6.5.8.3	ReportUTSI procedure	72
6.5.9	ActivityTest (AT) procedure	73
6.6	Test purposes for the direct SCF-SRF interaction method	73
6.6.1	Initiating SSF (IUT) interacting with Assisting SSF	73
6.6.1.1	EstablishTemporaryConnection (EC) procedure	73
6.6.1.2	Disconnect procedures	77
6.6.1.2.1	DisconnectForwardConnection (DF) procedure (without argument)	77
6.6.1.2.2	DisconnectForwardConnectionWithArgument (DW) procedure	78
6.6.2	Initiating SSF (IUT) interacting with Handed-off SSF	80
6.6.2.1	Connect (CO) procedure	80
6.6.3	Initiating SSF (IUT) directly interacting with SRF	82
6.6.3.1	EstablishTemporaryConnection (EC) procedure	82
6.6.3.2	Disconnect procedures	85
6.6.3.2.1	DisconnectForwardConnection (DF) procedure (without argument)	85
6.6.3.2.2	DisconnectForwardConnectionWithArgument (DW) procedure	86
Annex A (normative):	Parameter values used in MSCs for CORE INAP CS3 - SRF primitives	89
Annex B (informative):	Bibliography	91
History		92

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "*Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards*", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (<http://webapp.etsi.org/IPR/home.asp>).

All published ETSI deliverables shall include information which directs the reader to the above source of information.

Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Services and Protocols for Advanced Networks (SPAN).

The present document is part 3 of a multi-part deliverable covering the Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Test Suite Structure and Test Purposes (TSS&TP) specification for Service Switching Function (SSF), as identified below:

- Part 1: "Basic capability set of CS3";
- Part 2: "Call Party Handling (CPH)";
- Part 3: "Specialized Resource Function (SRF)".**

iTech STANDARD PREVIEW
(standards.iteh.ai)

National transposition dates		
Date of adoption of this EN:	SIST EN 301 933-3 V1.1.1:2005	10 January 2003
Date of latest announcement of this EN (doa):	https://standards.iteh.ai/catalog/standards/sist/0abf4a4e-4369-4a06-bbd9-e9edc1db97f0/sist-en-301-933-3-v1-1-1-2005	30 April 2003
Date of latest publication of new National Standard or endorsement of this EN (dop/e):		31 October 2003
Date of withdrawal of any conflicting National Standard (dow):		31 October 2003

1 Scope

The present document contains the Test Suite Structure and Test Purposes (TSS&TP) for Specialized Resource Function (SRF), part of Core INAP CS-3.

The present document provides the Test Suite Structure and Test Purposes (TSS&TP) for the testing of the Specialized Resource Function (SRF) operations of the Service Switching Function (SSF), defined for the Intelligent Network Application Protocol (INAP) of Intelligent Network (IN) Capability Set 3 (CS3) according to EN 301 931-1 [1] and EN 301 931-2 [2].

The present document is completed by other parts constituting the testing of the CS3 Core INAP specifications: EN 301 933-1 [5] (Service Switching Function) and EN 301 933-2 [6] (Call party handling functions).

ISO/IEC 9646-1 [8] and ISO/IEC 9646-2 [9] are used as the basis for the testing methodology.

2 References

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

- References are either specific (identified by date of publication and/or edition number or version number) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

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

- SIST EN 301 933-3 V1.1.1:2005
- [1] ETSI EN 301 931-1: "Intelligent Network (IN); Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Protocol specification; Part 1: Common aspects".
- [2] ETSI EN 301 931-2: "Intelligent Network (IN); Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Protocol specification; Part 2: SCF-SSF interface".
- [3] ETSI EN 301 931-3: "Intelligent Network (IN); Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Protocol specification; Part 3: SCF-SRF interface".
- [4] Void.
- [5] ETSI EN 301 933-1: "Intelligent Network (IN); Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Test Suite Structure and Test Purposes (TSS&TP) specification for Service Switching Function (SSF); Part 1: Basic capability set of CS3".
- [6] ETSI EN 301 933-2: "Intelligent Network (IN); Intelligent Network capability Set 3 (CS3); Intelligent Network Application protocol (INAP); Test Suite Structure and Test Purposes (TSS&TP) specification for Service Switching Function (SSF); Part 2: Call Party Handling (CPH)".
- [7] Void.
- [8] ISO/IEC 9646-1: "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".
- [9] ISO/IEC 9646-2: "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract Test Suite specification".

3 Definitions and abbreviations

3.1 Definitions

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

- terms defined in EN 301 931-1 [1];
- terms defined in ISO/IEC 9646-1 [8] and in ISO/IEC 9646-2 [9].

In particular, the following terms defined in ISO/IEC 9646-1 [8] apply:

- Abstract Test Suite (ATS);
- Implementation Under Test (IUT);
- System Under Test (SUT);
- Protocol Implementation Conformance Statement (PICS).

3.2 Abbreviations

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

ATS	Abstract Test Suite
BI	Invalid Behaviour tests
BO	Inopportune Behaviour tests
BV	Valid Behaviour tests
CA	Capability tests
CPH	Call Party Handling
CS	Call Segment
CS	Capability Set
EDP-R	Event Detection Point - Request
FSM	Finite State Machine
IN	Intelligent Network
INAP	Intelligent Network Application Protocol
IP	Intelligent Peripheral
iS	initiating SSF
iSSP	initiating SSP
IUT	Implementation Under Test
MSC	Message Sequence Chart
PDU	Protocol Data Unit
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
SCF	Service Control Function
SCP	Service Control Point
SDF	Service Data Function
SDL	Specification and Description Language
SRF	Specialized Resource Function
SSF	Service Switching Function
SSP	Service Switching Point
SUT	System Under Test
TCAP	Transaction Capabilities Application Part
TP	Test Purpose
TSS	Test Suite Structure

4 Test Purpose generalities

4.1 Introduction

The Implementation Under Test (IUT) is always an **SSF**. The testing of the direct interface between SCF and SRF is **not** within the scope of the present document.

Two basic scenarios are possible:

- A) The SSF acts as a relay for operations exchanged between the SCF and the SRF;
- B) The SSF establishes a temporary connection to an assisting SSF or handed-off SSF or directly to an SRF.

In A) the SSF is tested together with the addressed SRF, and, possibly, together with an intermediate Assisting/Handed-off SSF. The SRF can be integrated in the SSF or not. Case A) is applicable to an SSF operating as:

- 1) Initiating SSF,
- 2) Assisting SSF, or
- 3) Handed-off SSF.

Individual TPs can be applicable to a true subset of the three SSF sub-functions. To handle this, Test Parameters applicable to TP Selection are defined (see clause 4.6).

Case B) is only applicable to an SSF operating as an Initiating SSF. The operation used to connect to the SRF is EstablishTemporaryConnection.

Configurations for cases A) and B) are defined in clause 5.

A TP is defined for one or several conformance requirements to be tested. It is expected, that each TP will result in a test case keeping the same name, specified in the ATSS.

<https://standards.iteh.ai/catalog/standards/sist/0abf4a4e-4369-4a06-bbd9-e9edc1db97f0/sist-en-301-933-3-v1-1-1-2005>

4.2 Grouping of Test purposes

According to the two basic scenarios defined in the previous clause, the test purposes are grouped in the following 2 main groups:

- a) SSF Relaying, and
- b) Direct SCF-SRF operation.

Inside a main group the Test purposes are grouped by elementary procedures. A procedure groups elementary INAP operations belonging together conceptually. The procedures are defined in clause 6.2.

4.3 Source of Test purpose definitions

The test purposes are based on the requirement documented in EN 301 931-1 [1], EN 301 931-2 [2] and EN 301 931-3 [3].

4.4 Method used for developing Test purposes

See EN 301 933-1 [5].

4.5 Method used for Test purpose description

The table describing each TP is as shown in table 1.

Table 1: Test purpose description sample

	TP name, e.g. IN3_A_BASIC_FC_BV_01
Work item no.:	Temporary work item number; to be deleted when the TPs are stable
IN2 Ref	Reference to INAP CS2 TP (optional)
Purpose:	Textual phrasing of the TP to be achieved.
Requirements refs	Reference to clause(s) of EN 301 931-2 [2]. For TPs related to the SRF function: also reference to clause(s) of EN 301 931-3 [3]. In the latter case the Part numbers are explicitly indicated (part 2 and/or part 3).
Selection Cond.	Reference to a formal selection expression, if the TP is related to an optional INAP feature. If the field is empty, the TP is unconditional (mandatory requirement(s)).
Preamble:	Reference to a preamble or "None".
Test description	Sequence of transmitted and received events and timeouts (see clause "TTCN-like notation"). Textual description is also used, as appropriate.
Pass criteria	Indication of reception (or assured non-reception) of decisive message(s) related to the TP.
Postamble:	Reference to a postamble or "None".

4.5.1 Void

4.5.2 Test categories

Valid Behaviour tests (BV)

Predefined state transitions are considered as valid. The test purposes in the valid behaviour test sub group cover as far as reasonable the verification of the normal and exceptional procedures of the various Finite State Machines (FSMs), i.e. a valid behaviour test is a test where the message sequence and the message contents is considered as valid.

Invalid Behaviour tests (BI)

This test sub group is intended to verify that the IUT is able to react properly having received an invalid Protocol Data Unit (PDU). An invalid PDU is defined as a syntactically incorrect message.

Inopportune Behaviour tests (BO)

This test group is intended to verify that the IUT is able to react properly in the case an inopportune protocol event occurring. Such an event is syntactically correct but occurs when it is not expected, e.g. a correctly coded operation is received in a wrong state (the IUT may respond by sending error UnexpectedComponentSequence).

4.5.3 Test purpose naming convention

The identifier of the TP is built according to the scheme in table 2.

Table 2: TP identifier naming convention scheme

Identifier:	IN3_<i>_<sss>_<pp>_<cc>_<nn>		
IN3	indicates IN Capability Set 3		
<i>	=	interface:	A SSF-SCF interface B SSF-SRF interface C SCF-SCF interface
<sss>	=	common set	BASIC Basic set for CS3 CPH Call Party Handling from Capability Set 3 SRF SRF-related functions from Capability Set 3
<pp>	=	procedure name like	SF ServiceFiltering
<cc>	=	test category:	BV Valid Behaviour tests BI Invalid Behaviour tests BO Inopportune Behaviour tests
<nn>	=	sequential number:	(01-99)
Example of test purpose and test case name: IN3_A_BASIC_SF_BV_02			

<https://standards.iteh.ai/catalog/standards/sist/0abf4a4e-4369-4a06-bbd9-e9edc1db97f0/sist-en-301-933-3-v1-1-1-2005>

4.5.4 Preambles and their naming conventions

Preambles are used to bring the IUT from the initial state to the state where the test takes place. In the CS3 scheme, the set of the preambles forms a tree, which means that in order to reach the state created by preamble P3, it is necessary to execute preamble P1 followed by preambles P2 then P3.

The naming convention used reflects the description of the connection view set by executing the preamble, in terms of nature of the legs per Call Segment (CS), starting from the stable legs then the ones on hold then the ones in transfer, with the indication of the number of legs, while the first letter indicates how this configuration was initiated.

The general form is:

a_[stableLegsParty or onHold (legs) or transfer(legs) for CallSegment 1]_[idem for CallSegment2]_[idem for CallSegment 3]

where:

a is letter:

- O for Originating (outgoing call for a user);
- T for Terminating (incoming call for a user);
- I for Initiate Call Attempt (initiated from the network).

The state names and their abbreviations used are:

Null	
1_Party	1P
Originating_Set-up	OS
Terminating_Set-up	TS
Originating_1_Party_Setup	O1PS
Stable_1_Party	S1P
Stable_2_Party	S2P
Forward	FW
Stable_Multi_Passive_Party (no. of passive legs n)	SnPP
Stable_Multi_Party (no. of passive legs n)	SnP

The term "null" stands for "none" as in preamble O_NULL_S2P_OH3.

There can be two set of CSs with the same nature of legs present at the same time, as in the preamble name O_S2P_S1P_S1P.

4.6 Test purpose parametrization and selection

As shown in the "Introduction" clause, the Implementation under Test (IUT) is always an SSF, either connected to an Assisting SSF, a Handed-off SSF or to an SRF. Not all sub-functions defined for an SSF need to be implemented at the same time (see e.g. figure 37 in clause 8 of EN 301 931-2 [2]), and possibly not all operations are implemented (e.g. the use of scripts).

[SIST EN 301 933-3 V1.1.1:2005](https://standards.iteh.ai/catalog/standards/sist/0ab71a4e-4369-4a06-bb19-90dc11b97979/sist-en-301-933-3-v1-1-1-2005)

In order to define an appropriate set of TPs for all functions and operations, but to enable deselection of TPs not applicable to particular IUTs, the following Test Parameters are defined in table 3.

NOTE: It is assumed, that these Test Parameters are mapped to corresponding PIXIT/Test Suite Parameters.

Table 3: Test Parameters applicable to TP selection

Test Parameter name	Type	Explanation
CONFIGURATION	IA5STRING	The allowed values are: "CONFIGURATION A" and "CONFIGURATION B"
SSF_RELAYS_SRF_OPERATIONS	BOOLEAN	This parameter shall be set to TRUE, if the IUT relays the user interaction operations (PlayAnnouncement etc.) between SCF and SRF. Otherwise it shall be set to FALSE.
SSF_RELAYS_SRF_ASSISTING	BOOLEAN	This parameter shall be set to TRUE, if the IUT relays the user interaction operations (PlayAnnouncement etc.) between SCF and SRF via an Assisting SSF. Otherwise it shall be set to FALSE.
SSF_IS_INITIATING	BOOLEAN	This parameter shall be set to TRUE, if the IN SSM FSM is implemented in the IUT and is used for testing. Otherwise it shall be set to FALSE. See figure 37 in clause 8 of EN 301 931-2 [2]. (see note 1)
SSF_IS_ASSISTING	BOOLEAN	This parameter shall be set to TRUE, if the Assisting SSM FSM is implemented in the IUT and is used for testing. Otherwise it shall be set to FALSE. See figure 37 in clause 8 of EN 301 931-2 [2]. (see note 1)
SSF_IS_HANDED_OFF	BOOLEAN	This parameter shall be set to TRUE, if the Handed-off SSM FSM is implemented in the IUT and is used for testing. Otherwise it shall be set to FALSE. See figure 37 in clause 8 of EN 301 931-2 [2]. (see note 1)
SSF_IMPLEMENTES_SCRIPTS	BOOLEAN	This parameter shall be set to TRUE, if the IUT implements the script operations ScriptRun, ScriptClose and ScriptInformation. Otherwise it shall be set to FALSE.
SSF_IMPLEMENTES_SCRIPT_EVENTS	BOOLEAN	This parameter shall be set to TRUE, if the IUT implements a script invoking the ScriptEvent operation. Otherwise it shall be set to FALSE.
SSF_IMPLEMENTES_PA	BOOLEAN	This parameter shall be set to TRUE, if the IUT implements the PlayAnnouncement procedure. Otherwise it shall be set to FALSE.
SSF_IMPLEMENTES_PA_INTERRUPT	BOOLEAN	This parameter shall be set to TRUE, if the IUT implements the PlayAnnouncement procedure in an interruptable way, i.e. it can be cancelled with the Cancel operation. Otherwise it shall be set to FALSE.
SSF_IMPLEMENTES_PCU	BOOLEAN	This parameter shall be set to TRUE, if the IUT implements the PromptAndCollectUserInformation procedure. Otherwise it shall be set to FALSE.
SSF_IMPLEMENTES_PCU_INTERRUPT	BOOLEAN	This parameter shall be set to TRUE, if the IUT implements the PromptAndCollectUserInformation procedure in an interruptable way, i.e. it can be cancelled with the Cancel operation. Otherwise it shall be set to FALSE.
SSF_IMPLEMENTES_PRM	BOOLEAN	This parameter shall be set to TRUE, if the IUT implements the PromptAndReceiveMessage procedure. Otherwise it shall be set to FALSE.
SSF_IMPLEMENTES_PRM_INTERRUPT	BOOLEAN	This parameter shall be set to TRUE, if the IUT implements the PromptAndReceiveMessage procedure in an interruptable way, i.e. it can be cancelled with the Cancel operation. Otherwise it shall be set to FALSE.
SSF_IMPLEMENTES_UTSI	BOOLEAN	This parameter shall be set to TRUE, if the IUT implements the RequestReportUTSI, SendSTUI and ReportUTSI procedure. Otherwise it shall be set to FALSE.
SSF_TIMER_USED	BOOLEAN	The SSF timer is used.

Test Parameter name	Type	Explanation
SSF_PREDEFINED_SRF	BOOLEAN	The SSF has associated a predefined SRF being selected automatically when no Resource IP Address is specified. (see note 2).
SSF_ADRESSED_SRF	BOOLEAN	The SSF can select an SRF by a valid Resource IP Address. (see note 2).
ETC_EXPLICIT_CORRELATION	BOOLEAN	This parameter shall be set to TRUE, if the SSF expects the correlationID and sCFID parameters to be explicitly contained in the EstablishTemporaryConnection argument (and not implicitly encoded in the assistingSSPIPRoutingAddress), and FALSE otherwise.
ETC_TO_ASSIST	BOOLEAN	This parameter shall be set to TRUE, if the SSF establishes the Temporary Connection to the SRF via an Assisting SSF, and FALSE otherwise. (see note 3).
ETC_TO_SRF	BOOLEAN	This parameter shall be set to TRUE, if the SSF establishes the Temporary Connection directly to the SRF, and FALSE otherwise. (see note 3).
CO_EXPLICIT_CORRELATION	BOOLEAN	This parameter shall be set to TRUE, if the SSF expects the correlationID and sCFID parameters to be explicitly contained in the Connect argument (and not implicitly encoded in the destinationRoutingAddress parameter), and FALSE otherwise. (see note 4)
CO_TO_HANDED_OFF	BOOLEAN	This parameter shall be set to TRUE, if the SSF establishes the Connection to the SRF via a Handed-OFF SSF and FALSE otherwise. (see notes 4 and 5).
CO_TO_SRF	BOOLEAN	This parameter shall be set to TRUE, if the SSF establishes the Connection directly to the SRF, and FALSE otherwise. (see notes 4 and 5).
<p>NOTE 1: Exactly one of the parameters SSF_IS_INITIATING, SSF_IS_ASSISTING and SSF_IS_HANDED_OFF shall be set to TRUE (if more than one of the related functions is implemented, the tests should be repeated with the other applicable settings of this parameter).</p> <p>NOTE 2: At least one of these Parameters must be set to TRUE.</p> <p>NOTE 3: At least one of these Parameters must be set to TRUE.</p> <p>NOTE 4: Connect operation only related to Handed-off SSF.</p> <p>NOTE 5: At least one of these Parameters must be set to TRUE.</p>		