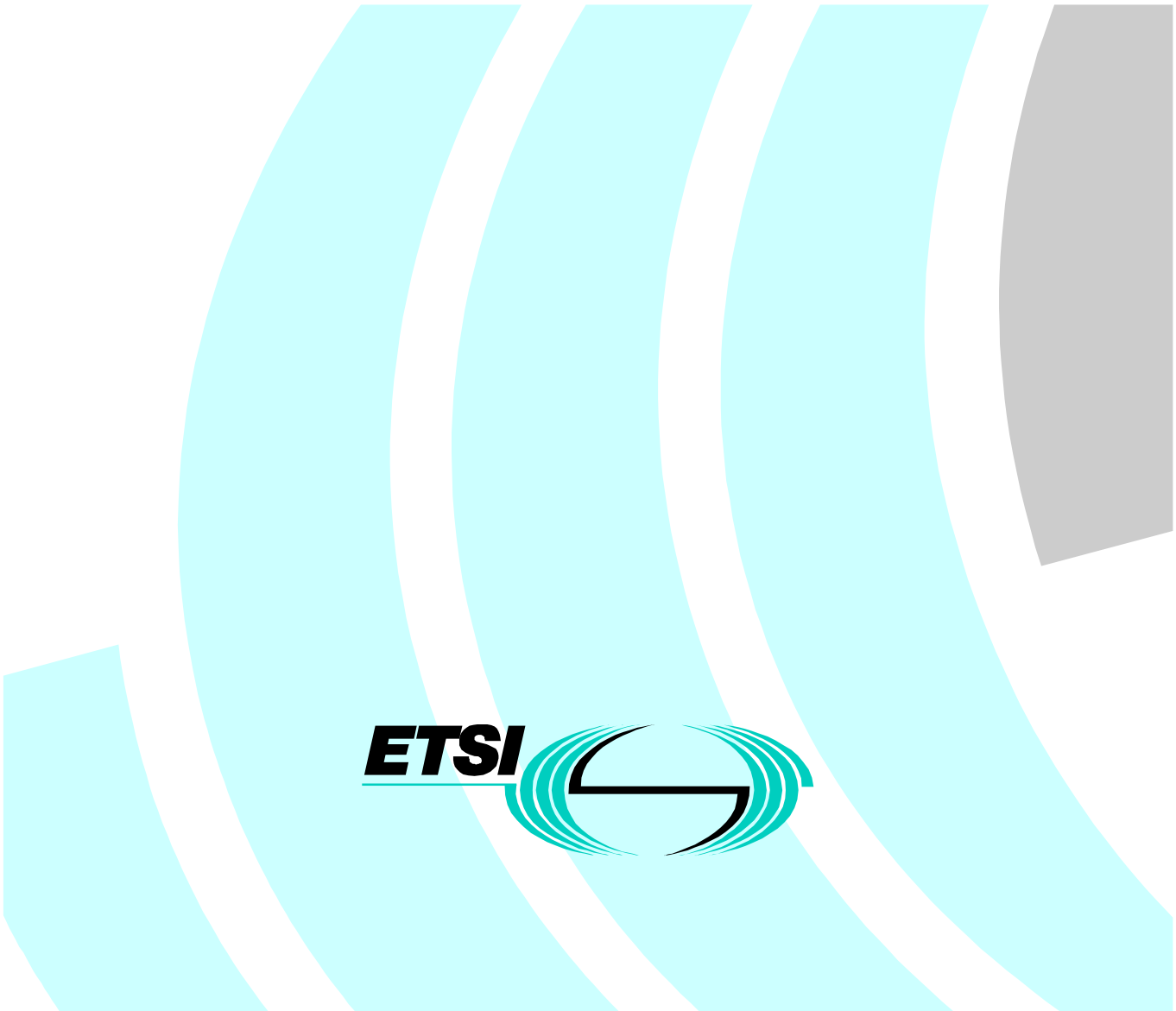
Draft EN 300 207-3 V1.2.1 (1998-06)

European Standard (Telecommunications series)

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



Reference
REN/SPS-05065-3 (1x0r0ioo.PDF)

Keywords
ISDN, DSS1, supplementary service,
TSS&TP, user

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Contents

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Signalling Protocols and Switching (SPS), and is now submitted for the Public Enquiry phase of the ETSI standards Two-step Approval Procedure.

The present document is part 3 of a multi-part standard covering the Digital Subscriber Signalling System No. one (DSS1) protocol specification for the Integrated Services Digital Network (ISDN) Diversion supplementary services, as described below:

Part 1: "Protocol specification";

Part 2: "Protocol Implementation Conformance Statement (PICS) proforma specification";

Part 3: "Test Suite Structure and Test Purposes (TSS&TP) specification for the user";

Part 4: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user";

Part 5: "TSS&TP specification for the network";

Part 6: "ATS and partial PIXIT proforma specification for the network".

Proposed national transposition dates	
Date of latest announcement of this EN (doa):	3 months after ETSI publication
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	6 months after doa
Date of withdrawal of any conflicting National Standard (dow):	6 months after doa

1 Scope

The present document specifies the Test Suite Structure and Test Purposes (TSS&TP) for the User side of the T reference point or coincident S and T reference point (as defined in ITU-T Recommendation I.411 [7]) of implementations conforming to the stage three standard for the diversion supplementary services for the pan-European Integrated Services Digital Network (ISDN) by means of the Digital Subscriber Signalling System No. one (DSS1) protocol, EN 300 207-1 [1].

A further part of the present document specifies the Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma based on the present document. Other parts specify the TSS&TP and the ATS and partial PIXIT proforma for the Network side of the T reference point or coincident S and T reference point of implementations conforming to EN 300 207-1 [1].

2 References

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

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, subsequent revisions do apply.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

[1] EN 300 207-1 (V1.2): "Integrated Services Digital Network (ISDN); Diversion supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[2] EN 300 207-2 (V1.2): "Integrated Services Digital Network (ISDN); Diversion supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[3] ISO/IEC 9646-1: "Information Technology - OSI Conformance Testing Methodology and Framework; Part 1: General Concepts".

[4] ISO/IEC 9646-2: "Information Technology - OSI Conformance Testing Methodology and Framework; Part 2: Abstract Test Suite specification".

[5] ISO/IEC 9646-3: "Information Technology - OSI Conformance Testing Methodology and Framework; Part 3: The Tree and Tabular Combined Notation".

[6] EN 300 196-1 (V1.2): "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[7] ITU-T Recommendation I.411 (1993): "ISDN user-network interfaces - Reference configurations".

[8] EN 300 403-1: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 1: Protocol specification [ITU-T Recommendation Q.931, modified]".

[9] ITU-T Recommendation I.112 (1993): "Vocabulary and terms for ISDNs".

[10] CCITT Recommendation E.164 (1991): "Numbering plan for the ISDN era".

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

[12] EN 300 403-3: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 3: Protocol Implementation Conformance Statement (PICS) proforma specification".

[13] ETS 300 196-2 (1996): "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".

[14] ETS 300 406 (1995): "Methods for Testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".

3 Definitions

3.1 Definitions related to conformance testing

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

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

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

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

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

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

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

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

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

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

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

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

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

3.2 Definitions related to EN 300 207-1

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

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

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

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

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

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

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

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

served user: the user who invokes the call diversion supplementary service.

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

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

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

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

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

4 Abbreviations

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

ATM	Abstract Test Method
ATS	Abstract Test Suite
DSS1	Digital Subscriber Signalling System No. one
ISDN	Integrated Services Digital Network
IUT	Implementation Under Test
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
SCF	Selective Call Forwarding
SCFB	Selective Call Forwarding Busy
SCFNR	Selective Call Forwarding No Reply
SCFU	Selective Call Forwarding Unconditional
TP	Test Purpose
TSS	Test Suite Structure

5 Test Suite Structure (TSS)

Signalling procedures at the coincident S and T reference point

- SCFB supplementary service
  - Activation U01
  - Deactivation U02
- SCFU supplementary service
  - Activation U03
  - Deactivation U04
- SCFNR supplementary service
  - Activation U05
  - Deactivation U06
- Interrogation - SCF U07
- Interrogation - screening list U08

NOTE: The numbers in the list represent group numbers and are used in TP identifiers.

Figure 1: Test suite structure

6 Test Purposes (TP)

6.1 Introduction

For each test requirement a TP is defined.

6.1.1 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 supplementary service and whether it applies to the network or the user (see table 1).

Table 1: TP identifier naming convention scheme

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

6.1.2 Source of TP definition

The TPs are based on EN 300 207-1 [1].

6.1.3 TP structure

A particular structure, compatible with ETS 300 406 [14] has been used and this is illustrated in table 2. This table should be read in conjunction with any TP, i.e. use a TP as an example to fully understand the table.

Table 2: Structure of a single TP

TP Part	Text	Example
Header	TP Identifier Reference to the subclause of the base specification containing the conformance requirement. Reference to selection criteria	see table 1 subclause 9.1.1 (see note 1)
Stimulus	Ensure that the IUT in the <basic call state> and <supplementary service state> <trigger> *see below for message structure* *or* <goal>	 U00, U10 etc. SCNFR Wait Deactivation state receiving a XXXX message to request a ...
Reaction	<action> <conditions> *if the action is sending* *see below for message structure* <next action>, *etc.* and enters <supplementary service state> *and/or* and remains in the same call state(s) *or* and enters call state <state>	sends, saves, does, etc. using en-bloc sending, ...
Message structure	<message type> message containing a *a)* <info element> information element with *b)* a <field name> encoded as *or* including <coding of the field> and *back to a or b,*	SETUP, FACILITY, CONNECT, ... Bearer capability, Facility, ... (see note 2)
Selection	Selection criteria reference	Call forwarding supported. PICS: R 1.3
NOTE 1: In order to use the same structure as for test group selection, the selection criteria is indicated at the bottom of the test purpose. NOTE 2: Unless specified the messages are valid and contain at least the mandatory information elements and possibly optional information elements, the information elements are valid and contain at least the mandatory parameters and possibly optional parameters.		

6.1.4 Test strategy

The TPs were generated as a result of an analysis of the base standard EN 300 207-1 [1] and the PICS specification EN 300 207-2 [2].

The TPs are only based on conformance requirements related to the externally observable behaviour of the IUT, and are limited to conceivable situations to which a real implementation is likely to be faced (ETS 300 406 [14]).

6.2 User TPs for SCF

All PICS items referred to in this subclause are as specified in EN 300 207-2 [2] unless indicated otherwise by another numbered reference.

Unless specified the FACILITY messages are transmitted using the point to point connectionless bearer independent transport mechanism (dummy call reference, DL-DATA-REQUEST) as specified in EN 300 196-1 subclause 8.3.2.2. Where the broadcast connectionless bearer independent transport mechanism applies (dummy call reference, DL-UNIT DATA-REQUEST), the indication of the corresponding subclause of EN 300 196-1 is given (i.e. subclause 8.3.2.4 of EN 300 196-1 [6])

Selection: IUT supports SCF supplementary services. PICS: R 4.1.

6.2.1 Signalling procedures at the coincident S and T reference point

Selection: IUT supports served user requirements. PICS: R 4.1.

NOTE: The signalling procedures use mainly the bearer-independent connectionless transport mechanism with the dummy call reference. To augment the readability of the test purposes, basic call states are only mentioned where significant.

Selection: Call forwarding supported. PICS: R 1.3.

6.2.1.1 SCFB supplementary service

Selection: SCFB supported. PICS: R 1.3.1.

6.2.1.1.1 Activation

SCF_U01_001 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to activate the SCFB supplementary service,
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFProcedure parameter set to "scfb" and enters the Wait SCF Activation state.

SCF_U01_002 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service from SCFB to SCFU (reactivation),
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFProcedure parameter set to "scfu" and enters the Wait SCF Activation state.

Selection: SCFU supported. PICS: R 1.3.2.

SCF_U01_003 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service from SCFB to SCFNR (reactivation),
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFProcedure parameter set to "scfnr" and enters the Wait SCF Activation state.

Selection: SCFNR supported. PICS: R 1.3.3.

SCF_U01_004 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service with another forwarded-to address than previously used (reactivation),
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the forwardedToAddress parameter set to the other address and enters the Wait SCF Activation state.

SCF_U01_005 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service with another screening list number than previously used (reactivation),
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFListInUse parameter set to the other screening list number and enters the Wait SCF Activation state.

SCF_U01_006 subclause 9.1.1.3
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, on receipt of a FACILITY message containing a Facility information element with an ActivationSCF return result component,
sends no message and enters the SCF Idle state.

SCF_U01_007 subclause 9.1.1.3
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, on receipt of a FACILITY message containing a Facility information element with an ActivationSCF return result component, and a FACILITY message (subclause 8.3.2.4 of [6]) containing a Facility information element with an ActivationStatusNotificationSCF invoke component,
sends no message and enters the SCF Idle state.

Selection: point-to-multipoint configuration supported. PICS: R 7.2 [12].

SCF_U01_008 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "noScreeningListSpecified",
sends no message and enters the SCF Idle state.

SCF_U01_009 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "invalidScreeningListID",
sends no message and enters the SCF Idle state.

SCF_U01_010 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "typeOfForwardingNotSpecified",
sends no message and enters the SCF Idle state.

SCF_U01_011 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "insufficientInformation",
sends no message and enters the SCF Idle state.

SCF_U01_012 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "notSubscribed",
sends no message and enters the SCF Idle state.

SCF_U01_013 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "notAvailable",
sends no message and enters the SCF Idle state.

SCF_U01_014 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "invalidServedUserNr",
sends no message and enters the SCF Idle state.

SCF_U01_015 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "supplementaryServiceInteractionNotAllowed",
sends no message and enters the SCF Idle state.

SCF_U01_016 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "basicServiceNotProvided",
sends no message and enters the SCF Idle state.

SCF_U01_017 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "resourceUnavailable",
sends no message and enters the SCF Idle state.

SCF_U01_018 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "invalidDivertedToNumber",
sends no message and enters the SCF Idle state.

SCF_U01_019 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "specialServiceNr",
sends no message and enters the SCF Idle state.

SCF_U01_020 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "diversionToServedUserNr",
sends no message and enters the SCF Idle state.

SCF_U01_021 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, on expiration of the timer T-ACTIVATE,
sends no message and enters the SCF Idle state.

SCF_U01_022 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with a reject component including the invoke identifier of the activation,
sends no message and enters the SCF Idle state.

6.2.1.1.2 Deactivation

SCF_U02_001 subclause 9.1.2.3
Ensure that the IUT in the SCF Idle state, to deactivate the SCFB supplementary service,
sends a FACILITY message containing a Facility information element with an DeactivationSCF invoke component including the sCFProcedure parameter set to "scfb" and enters the Wait SCF Deactivation state.

SCF_U02_002 subclause 9.1.2.3
Ensure that the IUT in the Wait SCF Deactivation state for the SCFB supplementary service, on receipt of a FACILITY message containing a Facility information element with an DeactivationSCF return result component,
sends no message and enters the SCF Idle state.

SCF_U02_003 subclause 9.1.2.3
Ensure that the IUT in the Wait SCF Deactivation state for the SCFB supplementary service, on receipt of a FACILITY message containing a Facility information element with an DeactivationSCF return result component, and a FACILITY message (subclause 8.3.2.4 of [6]) containing a Facility information element with an DeactivationStatusNotificationSCF invoke component,
sends no message and enters the SCF Idle state.

Selection: point-to-multipoint configuration supported. PICS: R 7.2 [12].

SCF_U02_004 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "insufficientInformation",
sends no message and enters the SCF Idle state.

SCF_U02_005 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "notSubscribed",
sends no message and enters the SCF Idle state.

SCF_U02_006 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "notAvailable",
sends no message and enters the SCF Idle state.

SCF_U02_007 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "invalidServedUserNr",
sends no message and enters the SCF Idle state.

SCF_U02_008 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "notActivated",
sends no message and enters the SCF Idle state.

SCF_U02_009 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "invalidScreeningListID",
sends no message and enters the SCF Idle state.

SCF_U02_010 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFB supplementary service, on expiration of the timer T-ACTIVATE,
sends no message and enters the SCF Idle state.

SCF_U02_011 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFB supplementary service, receiving a FACILITY message containing a Facility information element with a reject component including the invoke identifier of the deactivation,
sends no message and enters the SCF Idle state.

6.2.1.2 SCFU supplementary service

Selection: SCFU supported. PICS: R 1.3.2.

6.2.1.2.1 Activation

SCF_U03_001 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to activate the SCFU supplementary service,
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFProcedure parameter set to "scfb" and enters the Wait SCF Activation state.

SCF_U03_002 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service from SCFU to SCFB (reactivation),
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFProcedure parameter set to "scfu" and enters the Wait SCF Activation state.

Selection: SCFB supported. PICS: R 1.3.1.

SCF_U03_003 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service from SCFU to SCFNR (reactivation),

sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFProcedure parameter set to "scfnr" and enters the Wait SCF Activation state.

Selection: SCFNR supported. PICS: R 1.3.3.

SCF_U03_004 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service with another forwarded-to address than previously used (reactivation),

sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the forwardedToAddress parameter set to the other address and enters the Wait SCF Activation state.

SCF_U03_005 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service with another screening list number than previously used (reactivation),

sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFListInUse parameter set to the other screening list number and enters the Wait SCF Activation state.

SCF_U03_006 subclause 9.1.1.3
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, on receipt of a FACILITY message containing a Facility information element with an ActivationSCF return result component,

sends no message and enters the SCF Idle state.

SCF_U03_007 subclause 9.1.1.3
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, on receipt of a FACILITY message containing a Facility information element with an ActivationSCF return result component, and a FACILITY message (subclause 8.3.2.4 of [6]) containing a Facility information element with an ActivationStatusNotificationSCF invoke component,

sends no message and enters the SCF Idle state.

Selection: point-to-multipoint configuration supported. PICS: R 7.2 [12].

SCF_U03_008 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "noScreeningListSpecified",

sends no message and enters the SCF Idle state.

SCF_U03_009 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "invalidScreeningListID",

sends no message and enters the SCF Idle state.

SCF_U03_010 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "typeOfForwardingNotSpecified",

sends no message and enters the SCF Idle state.

SCF_U03_011 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "insufficientInformation",

sends no message and enters the SCF Idle state.

SCF_U03_012 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "notSubscribed",
sends no message and enters the SCF Idle state.

SCF_U03_013 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "notAvailable",
sends no message and enters the SCF Idle state.

SCF_U03_014 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "invalidServedUserNr",
sends no message and enters the SCF Idle state.

SCF_U03_015 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "supplementaryServiceInteractionNotAllowed",
sends no message and enters the SCF Idle state.

SCF_U03_016 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "basicServiceNotProvided",
sends no message and enters the SCF Idle state.

SCF_U03_017 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "resourceUnavailable",
sends no message and enters the SCF Idle state.

SCF_U03_018 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "invalidDivertedToNumber",
sends no message and enters the SCF Idle state.

SCF_U03_019 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "specialServiceNr",
sends no message and enters the SCF Idle state.

SCF_U03_020 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "diversionToServedUserNr",
sends no message and enters the SCF Idle state.

SCF_U03_021 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, on expiration of the timer T-ACTIVATE,
sends no message and enters the SCF Idle state.

SCF_U03_022 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with a reject component including the invoke identifier of the activation,
sends no message and enters the SCF Idle state.

6.2.1.2.2 Deactivation

SCF_U04_001 subclause 9.1.2.3
Ensure that the IUT in the SCF Idle state, to deactivate the SCFU supplementary service,
sends a FACILITY message containing a Facility information element with an DeactivationSCF invoke component including the sCFProcedure parameter set to "scfb" and enters the Wait SCF Deactivation state.

SCF_U04_002 subclause 9.1.2.3
Ensure that the IUT in the Wait SCF Deactivation state for the SCFU supplementary service, on receipt of a FACILITY message containing a Facility information element with an DeactivationSCF return result component,
sends no message and enters the SCF Idle state.

SCF_U04_003 subclause 9.1.2.3
Ensure that the IUT in the Wait SCF Deactivation state for the SCFU supplementary service, on receipt of a FACILITY message containing a Facility information element with an DeactivationSCF return result component, and a FACILITY message (subclause 8.3.2.4 of [6]) containing a Facility information element with an DeactivationStatusNotificationSCF invoke component,
sends no message and enters the SCF Idle state.

Selection: point-to-multipoint configuration supported. PICS: R 7.2 [12].

SCF_U04_004 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "insufficientInformation",
sends no message and enters the SCF Idle state.

SCF_U04_005 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "notSubscribed",
sends no message and enters the SCF Idle state.

SCF_U04_006 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "notAvailable",
sends no message and enters the SCF Idle state.

SCF_U04_007 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "invalidServedUserNr",
sends no message and enters the SCF Idle state.

SCF_U04_008 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "notActivated",
sends no message and enters the SCF Idle state.

SCF_U04_009 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "invalidScreeningListID",
sends no message and enters the SCF Idle state.

SCF_U04_010 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFU supplementary service, on expiration of the timer T-ACTIVATE,
sends no message and enters the SCF Idle state.

SCF_U04_011 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFU supplementary service, receiving a FACILITY message containing a Facility information element with a reject component including the invoke identifier of the deactivation,
sends no message and enters the SCF Idle state.

6.2.1.3 SCFNR supplementary service

Selection: SCFNR supported. PICS: R 1.3.3.

6.2.1.3.1 Activation

SCF_U05_001 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to activate the SCFNR supplementary service,
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFProcedure parameter set to "scfb" and enters the Wait SCF Activation state.

SCF_U05_002 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service from SCFNR to SCFU (reactivation),
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFProcedure parameter set to "scfu" and enters the Wait SCF Activation state.

Selection: SCFU supported. PICS: R 1.3.2.

SCF_U05_003 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service from SCFNR to SCFB (reactivation),
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFProcedure parameter set to "scfnr" and enters the Wait SCF Activation state.

Selection: SCFNB supported. PICS: R 1.3.1.

SCF_U05_004 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service with another forwarded-to address than previously used (reactivation),
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the forwardedToAddress parameter set to the other address and enters the Wait SCF Activation state.

SCF_U05_005 subclause 9.1.1.3
Ensure that the IUT in the SCF Idle state, to modify the activation of the SCF supplementary service with another screening list number than previously used (reactivation),
sends a FACILITY message containing a Facility information element with an ActivationSCF invoke component including the sCFListInUse parameter set to the other screening list number and enters the Wait SCF Activation state.

SCF_U05_006 subclause 9.1.1.3
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, on receipt of a FACILITY message containing a Facility information element with an ActivationSCF return result component,
sends no message and enters the SCF Idle state.

SCF_U05_007 subclause 9.1.1.3
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, on receipt of a FACILITY message containing a Facility information element with an ActivationSCF return result component, and a FACILITY message (subclause 8.3.2.4 of [6]) containing a Facility information element with an ActivationStatusNotificationSCF invoke component,
sends no message and enters the SCF Idle state.

Selection: point-to-multipoint configuration supported. PICS: R 7.2 [12].

SCF_U05_008 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "noScreeningListSpecified",
sends no message and enters the SCF Idle state.

SCF_U05_009 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "invalidScreeningListID",
sends no message and enters the SCF Idle state.

SCF_U05_010 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "typeOfForwardingNotSpecified",
sends no message and enters the SCF Idle state.

SCF_U05_011 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "insufficientInformation",
sends no message and enters the SCF Idle state.

SCF_U05_012 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "notSubscribed",
sends no message and enters the SCF Idle state.

SCF_U05_013 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "notAvailable",
sends no message and enters the SCF Idle state.

SCF_U05_014 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "invalidServedUserNr",
sends no message and enters the SCF Idle state.

SCF_U05_015 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "supplementaryServiceInteractionNotAllowed",
sends no message and enters the SCF Idle state.

SCF_U05_016 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "basicServiceNotProvided",
sends no message and enters the SCF Idle state.

SCF_U05_017 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "resourceUnavailable",
sends no message and enters the SCF Idle state.

SCF_U05_018 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "invalidDivertedToNumber",
sends no message and enters the SCF Idle state.

SCF_U05_019 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "specialServiceNr",
sends no message and enters the SCF Idle state.

SCF_U05_020 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an ActivationSCF return error component indicating "diversionToServedUserNr",
sends no message and enters the SCF Idle state.

SCF_U05_021 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, on expiration of the timer T-ACTIVATE,
sends no message and enters the SCF Idle state.

SCF_U05_022 subclause 9.1.1.4
Ensure that the IUT in the Wait SCF Activation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with a reject component including the invoke identifier of the activation,
sends no message and enters the SCF Idle state.

6.2.1.3.2 Deactivation

SCF_U06_001 subclause 9.1.2.3
Ensure that the IUT in the SCF Idle state, to deactivate the SCFNR supplementary service,
sends a FACILITY message containing a Facility information element with an DeactivationSCF invoke component including the sCFProcedure parameter set to "scfb" and enters the Wait SCF Deactivation state.

SCF_U06_002 subclause 9.1.2.3
Ensure that the IUT in the Wait SCF Deactivation state for the SCFNR supplementary service, on receipt of a FACILITY message containing a Facility information element with an DeactivationSCF return result component,
sends no message and enters the SCF Idle state.

SCF_U06_003 subclause 9.1.2.3
Ensure that the IUT in the Wait SCF Deactivation state for the SCFNR supplementary service, on receipt of a FACILITY message containing a Facility information element with an DeactivationSCF return result component, and a FACILITY message (subclause 8.3.2.4 of [6]) containing a Facility information element with an DeactivationStatusNotificationSCF invoke component,
sends no message and enters the SCF Idle state.

Selection: point-to-multipoint configuration supported. PICS: R 7.2 [12].

SCF_U06_004 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "insufficientInformation",
sends no message and enters the SCF Idle state.

SCF_U06_005 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "notSubscribed",
sends no message and enters the SCF Idle state.

SCF_U06_006 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "notAvailable",
sends no message and enters the SCF Idle state.

SCF_U06_007 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "invalidServedUserNr",
sends no message and enters the SCF Idle state.

SCF_U06_008 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "notActivated",
sends no message and enters the SCF Idle state.

SCF_U06_009 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with an DeactivationSCF return error component indicating "invalidScreeningListID",
sends no message and enters the SCF Idle state.

SCF_U06_010 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFNR supplementary service, on expiration of the timer T-ACTIVATE,
sends no message and enters the SCF Idle state.

SCF_U06_011 subclause 9.1.2.4
Ensure that the IUT in the Wait SCF Deactivation state for the SCFNR supplementary service, receiving a FACILITY message containing a Facility information element with a reject component including the invoke identifier of the deactivation,
sends no message and enters the SCF Idle state.

6.2.1.4 Interrogation - SCF

Selection: Interrogation of instance(s) of SCF supported. PICS: MC 4.1.

SCF_U07_001 subclause 9.1.4.3
Ensure that the IUT in the SCF Idle state, to interrogate the instance(s) of the SCF supplementary service for all screening lists,
sends a FACILITY message containing a Facility information element with an InterrogationSCF invoke component including the sCFEveryList parameter set to "everyList" and enters the Wait SCF Interrogation state.

SCF_U07_002 subclause 9.1.4.3
Ensure that the IUT in the SCF Idle state, to interrogate the instance(s) of the SCF supplementary service for the screening lists currently in use,
sends a FACILITY message containing a Facility information element with an InterrogationSCF invoke component including the sCFEveryList parameter set to "onlyListsInUse" and enters the Wait SCF Interrogation state.

SCF_U07_003 subclause 9.1.4.3
Ensure that the IUT in the Wait SCF Interrogation state, having interrogated the instance(s) of the SCF supplementary service for all screening lists, on receipt of a FACILITY message containing a Facility information element with an InterrogationSCF return result component including the allSCFLists parameter containing one SCFListinfo,
sends no message and enters the SCF Idle state.

SCF_U07_004 subclause 9.1.4.3
Ensure that the IUT in the Wait SCF Interrogation state, having interrogated the instance(s) of the SCF supplementary service for all screening lists, on receipt of a FACILITY message containing a Facility information element with an InterrogationSCF return result component including the allSCFLists parameter with no SCFListinfo (minimal size of the allSCFLists parameter),
sends no message and enters the SCF Idle state.

SCF_U07_005 subclause 9.1.4.3
Ensure that the IUT in the Wait SCF Interrogation state, having interrogated the instance(s) of the SCF supplementary service for all screening lists, on receipt of a FACILITY message containing a Facility information element with an InterrogationSCF return result component including the allSCFLists parameter containing 15 SCFListinfo (maximal size of the allSCFLists parameter),
sends no message and enters the SCF Idle state.

SCF_U07_006 subclause 9.1.4.3
Ensure that the IUT in the Wait SCF Interrogation state, having interrogated the instance(s) of the SCF supplementary service for the screening lists in use, on receipt of a FACILITY message containing a Facility information element with an InterrogationSCF return result component including the activatedSCFLists parameter containing one SCFInUse,
sends no message and enters the SCF Idle state.

SCF_U07_007 subclause 9.1.4.3
Ensure that the IUT in the Wait SCF Interrogation state, having interrogated the instance(s) of the SCF supplementary service for the screening lists in use, on receipt of a FACILITY message containing a Facility information element with an InterrogationSCF return result component including the activatedSCFLists parameter with no SCFInUse (minimal size of the activatedSCFLists parameter),
sends no message and enters the SCF Idle state.

SCF_U07_008 subclause 9.1.4.3
Ensure that the IUT in the Wait SCF Interrogation state, having interrogated the instance(s) of the SCF supplementary service for the screening lists in use, on receipt of a FACILITY message containing a Facility information element with an InterrogationSCF return result component including the activatedSCFLists parameter containing 15 SCFInUse (maximal size of the activatedSCFLists parameter),
sends no message and enters the SCF Idle state.

SCF_U07_009 subclause 9.1.4.4
Ensure that the IUT in the Wait SCF Interrogation state, on receipt of a FACILITY message containing a Facility information element containing an InterrogationSCF return error component with the error value "insufficientInformation",
sends no message and enters the SCF Idle state.

SCF_U07_010 subclause 9.1.4.4
Ensure that the IUT in the Wait SCF Interrogation state, on receipt of a FACILITY message containing a Facility information element containing an InterrogationSCF return error component with the error value "notSubscribed",
sends no message and enters the SCF Idle state.

SCF_U07_011 subclause 9.1.4.4
Ensure that the IUT in the Wait SCF Interrogation state, on receipt of a FACILITY message containing a Facility information element containing an InterrogationSCF return error component with the error value "notAvailable",
sends no message and enters the SCF Idle state.

SCF_U07_012 subclause 9.1.4.4
Ensure that the IUT in the Wait SCF Interrogation state, on receipt of a FACILITY message containing a Facility information element containing an InterrogationSCF return error component with the error value "invalidServedUserNr",
sends no message and enters the SCF Idle state.

SCF_U07_013 subclause 9.1.4.4
Ensure that the IUT in the Wait SCF Interrogation state, on expiration of timer T-INTERROGATE,
sends no message and enters the SCF Idle state.

SCF_U07_014 subclause 9.1.4.4
Ensure that the IUT in the Wait SCF Interrogation state, on receipt of a FACILITY message with a reject component including the invoke identifier of the activation,
sends no message and enters the SCF Idle state.

6.2.1.5 Interrogation - screening list

Selection: Interrogation of SCF lists supported. PICS: MC 3.1.

SCF_U08_001 subclause 9.1.5.1
Ensure that the IUT in the SCF Idle state, to interrogate a specific screening list,
sends a FACILITY message containing a Facility information element with an InterrogateSCFList invoke component including the screeningListIdentifier parameter set to the number of the list to be interrogated (between 0 and 15) and enters the Wait SCF List Interrogation state.

SCF_U08_002 subclause 9.1.5.1
Ensure that the IUT in the Wait SCF List Interrogation state, on receipt of a FACILITY message containing a Facility information element with an InterrogateSCFList return result component including the IntSCFList parameter,
sends no message and enters the SCF Idle state.

SCF_U08_003 subclause 9.1.5.2
Ensure that the IUT in the Wait SCF List Interrogation state, on receipt of a FACILITY message containing a Facility information element containing an InterrogateSCFList return error component with the error value "insufficientInformation",
sends no message and enters the SCF Idle state.

SCF_U08_004 subclause 9.1.5.2
Ensure that the IUT in the Wait SCF List Interrogation state, on receipt of a FACILITY message containing a Facility information element containing an InterrogateSCFList return error component with the error value "notSubscribed",
sends no message and enters the SCF Idle state.

SCF_U08_005 subclause 9.1.5.2
Ensure that the IUT in the Wait SCF List Interrogation state, on receipt of a FACILITY message containing a Facility information element containing an InterrogateSCFList return error component with the error value "notAvailable",
sends no message and enters the SCF Idle state.

SCF_U08_006 subclause 9.1.5.2
Ensure that the IUT in the Wait SCF List Interrogation state, on receipt of a FACILITY message containing a Facility information element containing an InterrogateSCFList return error component with the error value "invalidServedUserNr",
sends no message and enters the SCF Idle state.

SCF_U08_007 subclause 9.1.5.2
Ensure that the IUT in the Wait SCF List Interrogation state, on receipt of a FACILITY message containing a Facility information element containing an InterrogateSCFList return error component with the error value "invalidScreeningListID",
sends no message and enters the SCF Idle state.

SCF_U08_008 subclause 9.1.5.2
Ensure that the IUT in the Wait SCF List Interrogation state, on expiration of timer T-INTERROGATE,
sends no message and enters the SCF Idle state.

SCF_U08_009 subclause 9.1.5.2
Ensure that the IUT in the Wait SCF List Interrogation state, on receipt of a FACILITY message with a reject component including the invoke identifier of the activation,
sends no message and enters the SCF Idle state.

7 Compliance

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

a) consist of a set of test cases corresponding to the set or to a subset of the TPs specified in clause 6;

b) use a TSS which is an appropriate subset of the whole of the TSS specified in clause 5;

c) use the same naming conventions for the test groups and test cases;

d) maintain the relationship specified in clause 6 between the test groups and TPs and the entries in the PICS proforma to be used for test case deselection;

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

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 6 shall be included in a compliant ATS.

8 Requirements for a comprehensive testing service

As a minimum the Remote test method, as specified in ISO/IEC 9646-2 [4], shall be used by any organization claiming to provide a comprehensive testing service for user equipment claiming conformance to EN 300 207-1 [1].

History

Document history			
V1.2.1	June 1998	Public Enquiry	PE 9843: 1998-06-03 to 1998-10-30